

ADHESIVE TECHNOLOGY

Product catalogue flooring technology





"A good company that wishes to survive must remain young, dynamic and mobile and must develop new, creative ideas day after day."

Dr. Werner Stauf

(1900–1987)



ADHESIVES SINCE 1828...

In motion as a matter of principle – innovation as a tradition.

It all began in a poorly equipped kitchen in Siegen. The building and grounds of the Stauf glue factory had been completely destroyed by two air raids. Then, one year after the end of World War II, Dr. Werner Stauf began experimenting with synthetic raw materials: he wanted to produce a glue that would begin a new era in the history of the family company.

The hide glue made up until then from animal hides was no longer profitable. While Stauf devoted himself to his experiments in the evening and during the night, he made his name throughout the Siegerland during the daytime as the 'soap man'. On his bicycle, he pedalled uphill and downhill from village to village, selling his home-made soap. Times were hard, and like so many others the family had lost everything they possessed.

At last the nocturnal experiments showed the desired results – and with the discovery of his first synthetic glue, Dr. Werner Stauf laid the foundation for rebuilding the family firm.

A whole new outlet market opened up with the construction industry. The breakthrough came in 1952, when the first parquet dispersion adhesives came onto the market. The introduction of STAUF Rapid M2A increased sales, business was under way, the transition was made. The STAUF company was the only glue factory in the Siegerland which had made the change from animal glue to synthetic adhesive.

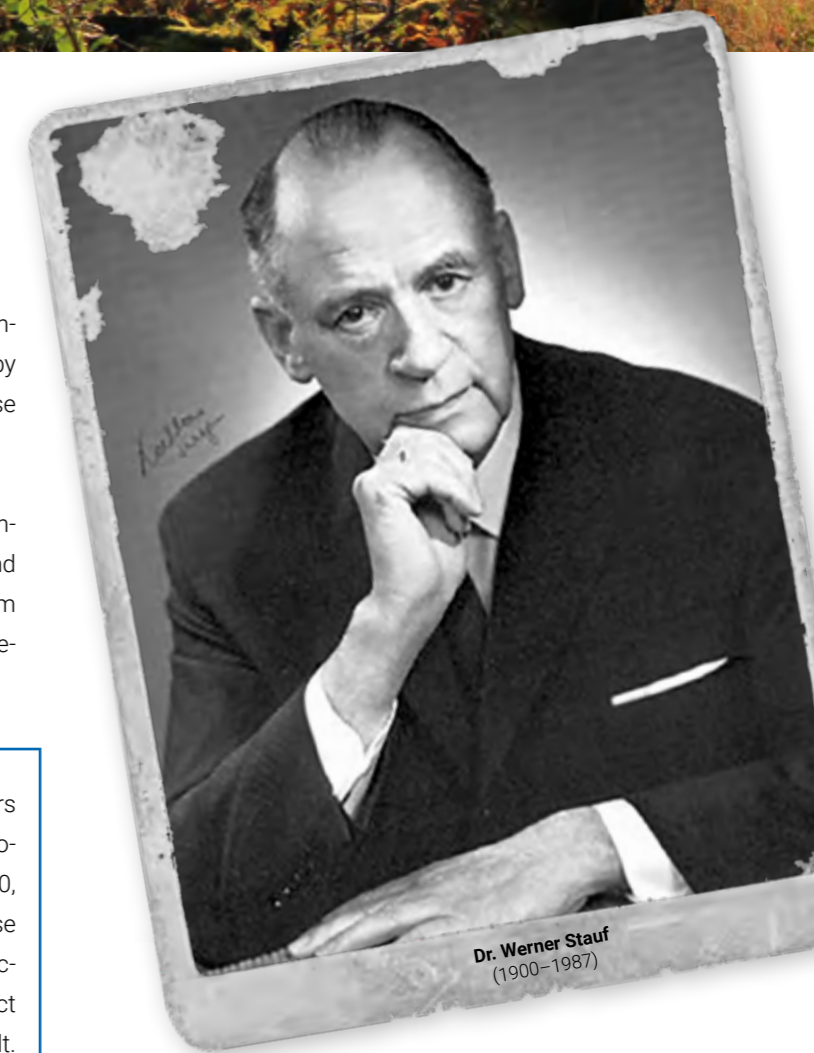
Dr. Werner Stauf worked tirelessly to improve his products, and produced countless innovations along the way. The many patent specifications, issued by the German Patent Office in Munich, in the company archive testify to this. Among other products, the chemist developed a process for bonding polystyrene foam panels to metal sheets intended for roofing and in this way created a safe alternative to bonding with very flammable bitumen.

In 1828, founder of the firm, Eberhard Stauf, was already showing a desire to explore new paths, when he opened a glue boiling plant next to his leather tanning works. In the last almost 200 years STAUF Klebstoffwerk GmbH has developed from a small

business to a modern factory. The foresight, vision and down-to-earth approach of previous generations has been retained by the Stauf family, despite the huge amount of growth, and these qualities are firmly anchored in the company philosophy.

State-of-the-art technology and staff who think innovatively ensure that the high-quality adhesive systems for floors, walls and outdoor coverings are steadily improving. The reliable premium quality of the product portfolio is based on many years of experience and constant development of the range.

And speaking of 'state-of-the-art technology': Over 20 years ago, we introduced the first STAUF silane parquet adhesive. Today this technology is utilised in the products STAUF SMP 950, SPU 460 and SPU 570. The outstanding properties of these products are that they contain as few plasticising substances as possible, have high shear strength and do not interact with plasticiser-sensitive subfloors such as mastic asphalt. The company's success story has arrived in the here and now: From subfloor preparation to surface treatment, STAUF offers the complete range of products for floor installation.



Dr. Werner Stauf
(1900–1987)

STAUF TIMELINE

1828

The origins

STAUF adhesives is born: The tanner Eberhard Stauf founds a glue boiling plant.



1952

First adhesive

Discovery of the first dispersion adhesive for full spread bonding of parquet: STAUF Rapid-M2A.



1986/1

The eighties

After launching the WFR range in the 1970s, a universally applicable adhesive based on PVAc dispersion was developed at the end of the 1980s in the form of M2A 720.



2002

Completely new

STAUF moves into the new company building in Wilnsdorf with a state-of-the-art, fully automatic production and dispensing system.



2020

Upholding values

'Innovation based on tradition'

Still under family management, STAUF is now in its sixth generation and is well on its way to celebrating its 200th anniversary.



1945 onwards

Cold glue

After many decades of producing hide glue, STAUF develops the first adhesives made from synthetic raw materials. With the cold glue Viskos, STAUF enters the market for construction adhesives.



1990/1

The nineties

Development of the first single-component and first two-component polyurethane-based adhesive.



2003

175 years old

STAUF celebrates its 175th anniversary. Germany's market leader for parquet adhesives looks back on a successful history and looks forward to a promising future.



2021

20 years of silane

STAUF celebrates its next big anniversary – **20 years of competence in silane technology**. We are proud of our revolutionary, market-changing range of adhesives and celebrate these in 2021.



1828

2028

1900-1930: Ernst and Richard Stauf

1930: Dr. Werner Stauf

1961: Helmut Stauf

1998: Siegrid and Wolfgang Stauf

2002: Volker and Wolfgang Stauf

1828

1862: Wilhelm Stauf

1999

2000

2020

2021

2028

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SUBFLOOR PREPARATION

OPTIMUM SUBFLOOR PREPARATION FOR RELIABLE BONDING



Strong subfloor. Strong floor.

A good floor doesn't start with the floor covering but with what lies below it.

Firm flooring underfoot is the result of perfect subfloor preparation, priming, filler, adhesive and floor covering. This will provide a result that delivers lasting satisfaction with its functionality, appearance and cost-effectiveness.

Primers: the invisible backbone of every floor

Whether applying a fixative, a filler or an adhesive – they all need a substrate they can rely on.

This is where the primer comes into its own:

it provides reliable adhesion, regulates absorbency and creates the ideal substrate for the layers that follow. And that's not all: depending on the product, it stabilises the surface, protects against moisture and effectively prevents damage right from the outset.

When conditions are far from ideal

In reality, the perfect subfloor is rare: cracks in the screed, dusty layers and highly absorbent surfaces are all part of the job for the primer. Our primers specifically balance out weaknesses and create a strong bond between the subfloor and the floor structure. Processors benefit from reduced risks, greater security and smooth workflows.

What convinces planners and architects

Primers are a decisive factor, both technically and economically, for sustainable flooring systems. They enhance functional reliability, reduce reworking and lower the risk of failure. In short: they safeguard the long-term success of the project.

Practice-oriented. Versatile. Proven.

Our primers have been developed for a wide range of subfloors and tested under real conditions. Each formulation stands for maximum safety, easy processing and a durable and robust result. Even when it gets complicated.

Primers fulfil many important functions in floor construction reaching far beyond mere preparation. Their primary function: is to create a stable and reliable bond between the subfloor, the filler and the adhesive. On smooth, leak-tight surfaces they form an adhesive bridge and thus improve the wetting capacity, while they reduce the absorption of moisture on very absorbent subfloors. The result: reduced use of materials, optimised processing and reliable flooring installation.

WHEN IT REALLY MATTERS: PROTECTION AGAINST HUMIDITY

Water has always been the constant enemy in floor construction. Without a suitable primer, the mixing water from the levelling compound can seep unhindered into the substrate and potentially cause expensive damage. A good primer not only actively protects against this ingress, but also works as a protective barrier in the event of high residual moisture: it prevents the gradual diffusion of moisture into the layers of the flooring. In addition, it binds fine residual dust on the surface to form a strong, durable bond and ensure optimum system reliability.

AN EFFECTIVE MOISTURE BARRIER EVEN ON A TIGHT SCHEDULE

Increasing pressures to achieve short construction times heighten the importance of protecting against moisture. Water can rise up to ten metres in fine capillaries. The impact of this natural process is often underestimated. Primers are used to interrupt this destructive force. The primer creates a layer that makes it possible to construct a safe floor, despite residual moisture in the subfloor..

WE OFFER THE RIGHT SOLUTIONS

Whether for use as an adhesion promoter, a hardener or a moisture barrier, STAUF has the right primer to meet every challenge in floor construction. Our dispersion and reactive resin primers are precisely formulated to work with levelling compounds and adhesives.

A real all-rounder is **STAUF VDP 130**: universally applicable, quick-drying and particularly economical – ideal for efficient day-to-day use on the building site. If a quick-drying moisture barrier is required in addition, we

recommend **STAUF VPU 155 S**. This primer, that can be used as an intermediate coat, dries quickly, protects substrates with up to 95% KRL or 4.0 CM% moisture content by volume, and can be recoated after a short time.

For particularly critical moisture conditions, **STAUF VEP 195** is ideal for the job. This 2-component epoxy primer is an ideal moisture barrier: it works on cement screed up to 98% KRL or 5.0 CM% on concrete. If excellent stabilisation is required in addition to a moisture barrier, then **STAUF WEP 180** is the right choice. With its high penetration capacity coupled with a moisture-retardant effect and very good adhesion to many substrates with direct adhesion, it ensures a secure bond even on challenging surfaces.

STAUF primers ensure the necessary reliability during application and use, and by the long-term results it delivers.

STAU WEP 180

RELIABLY STRENGTHENS UNSTABLE SUBSTRATES



STAU WEP 180 is a multifunctional, solvent-free 2-component epoxy resin primer on dispersion basis. It is primarily used to stabilise unstable substrates and features a significant increase in strength due to its extremely high penetration capacity into mineral mortar systems. Due to its short drying time and stabilisation of the surface, the 'rescuing' of crumbling screeds is possible quickly and easily. It is also suitable for direct bonding with almost all reactive adhesives and, after being sprinkled with STAUF quartz sand or having an intermediate primer coat of STAUF VDP 160 applied, can be filled or plastered over.

STAU WEP 180 is available as a 3.5 kg combination container consisting of a plastic bucket with a canister in the inlay, so that both components can be mixed opti-

mally and the primer can be applied without problems.

This makes the STAUF WEP 180 primer an economical all-rounder as well as a wide-ranging problem solver on today's construction sites.



Epoxy resin

STAU WEP 180

Stabilising, vapour retarding primer for reliable priming of screeds

Multifunctional, solvent-free 2-component dispersion-based epoxy resin primer to meet the toughest requirements for stabilising almost all porous, absorbent subfloors up to a residual moisture of 95% KRL or 4.0 CM% in interior finishing work. Ideal for subfloors subject to very heavy loads. For use before direct bonding with reaction resin adhesives and before filling work.

Economic efficiency

- ✓ Problem solver for crumbling screeds
- ✓ Suitable for universal use
- ✓ Very economical

Technical

- ✓ Very good penetrating power
- ✓ Vapour barrier up to 95% KRL or 4 CM%

Environmental

- ✓ Solvent-free – GISCODE RE 20
- ✓ Very low emissions – PLUS



Areas of use

- Absorbent and porous subfloors, e.g. cement and calcium sulphate screeds, concrete
- Less absorbent and sealed subfloors, e.g. mastic asphalt, ceramic, stone
- Old subfloors in the refurbishment sector
- Primer underneath reaction resin adhesives, e.g. under STAUF SPU, SMP and PUK adhesives

Consumption

On avg. 150-200 g/m² (1st coat)
On avg. 200 g/m² (2nd coat)
On avg. 100 g/m²
(for details see technical data sheet)

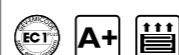
Coverage

On avg. 18-23 m²
On avg. 18 m²
On avg. 36-46 m²
(1:1 with water)

Article no.
111600

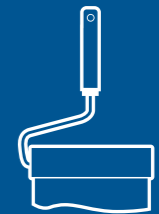
Packaging
3.5 kg double-lidded container

Shipping unit
52 (pallet)



STABILISATION

100% PENETRATION DEPTH. The problem solver for unstable substrates. Its extremely high penetration of up to 100% enables STAUF WEP 180 to considerably bolster the substrate's strength and so rescue crumbling screeds. It is ideal for application with a roller due to its viscosity. As a solvent-free, very low-emission product, STAUF WEP 180 is certified as GEV EMICODE® EC1 PLUS.



PROTECTION

100% PROTECTION. Being a genuine all-rounder, STAUF WEP 180 can also be used as a dispersion-based two-component epoxy resin primer on cement screeds containing up to 95% KRL or 4.0 CM% increased residual moisture. It reliably seals pores and forms a moisture barrier.

100%

- High penetration depth
- Stabilises
- Protects
- Saves money
- Safety
- Practical

SAVES MONEY

100% COST-SAVING. STAUF WEP 180 is very fast-drying and forms a film within about 2 hours. This saves valuable time. It is also known for its very low consumption (1:1 dilution with water, depending on the application) and so is particularly economical in use. It is suitable for direct bonding with almost all reactive adhesives and can be levelled quickly after sprinkling with sand. The pack size allows the two-component product to be mixed alone or diluted with water. No additional container is required.



- Multifunctional, 2-component epoxy resin dispersion primer
- Quick and easy stabilisation and priming
- Fast recoatability
- Very low-emission
- Protects against residual moisture

TUTORIAL CLIP
STAU WEP 180



YouTube

STAU D 54

Dispersion



Adhesive and primer concentrate with very low consumption

Very economical adhesive and primer concentrate with a wide range of applications on floors, walls and ceilings in indoor areas. Creates a dust-free surface with even absorbency on highly absorbent subfloors, or serves as a powerful bonding course on sealed subfloors.

Economic efficiency ✓ Very economical ✓ Easy application ✓ Fast-drying	Technical ✓ Binds to residual dust ✓ Forms a bonding course on smooth, sealed subfloors	Environmental ✓ Solvent-free – GISCODE D1 ✓ Very low emissions – PLUS
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Areas of use ▪ Priming before filling work, e.g. before XP 10, XP 20, GS ▪ Absorbent and porous subfloors, e.g. cement and calcium sulphate screeds, concrete and fillers ▪ Less absorbent and dense subfloors, e.g. sanded mastic asphalt, ceramic, stone	Consumption On avg. 130 g/m ²	Coverage On avg. 77 m ² (undiluted) On avg. 154 m ² (1:1 with water) On avg. 240 m ² (1:3 with water)
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Article no. 131030	Packaging 10 kg plastic canister 5 kg plastic canister	Shipping unit 60 (pallet) 120 (pallet)	
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STAU VDP 130

Dispersion



Universal primer with short drying time

Solvent-free, universally applicable primer with low consumption. For reliable adhesion promotion on absorbent subfloors in indoor areas. Increases bonding strength between subfloor, levelling compound and adhesive and therefore improves reliability in floor construction.

Economic efficiency ✓ Fast-drying ✓ Suitable for universal use ✓ Can be diluted 1:1 with water*	Technical ✓ Binds to residual dust ✓ Improves the wettability of the subfloor	Environmental ✓ Solvent-free – GISCODE D1 ✓ Very low emissions – PLUS
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Areas of use ▪ Absorbent and porous subfloors, e.g. cement and calcium sulphate screeds, concrete and fillers ▪ Priming under dispersion adhesives, e.g. M2A adhesives ▪ Priming before filling work, e.g. before SSP RAPID, XP 10, XP 20	Consumption On avg. 120 g/m ²	Coverage On avg. 80 m ² On avg. 160 m ² (1:1 with water)
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* When used under wood flooring adhesives

Article no. 111150	Packaging 10 kg plastic canister 5 kg plastic canister	Shipping unit 60 (pallet) 120 (pallet)	
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STAU VDP 160

Dispersion



Very economical adhesive and primer concentrate with damp proof membrane

Very economical adhesive and primer concentrate with a wide range of applications and a moisture-barrier effect for use on unheated cement screeds up to a residual moisture content of 3.0 CM%.

Economic efficiency ✓ Extremely economical ✓ Easy application ✓ Suitable for universal use	Technical ✓ Can be used without sanding ✓ Forms a bonding course on smooth, sealed subfloors	Environmental ✓ Solvent-free – GISCODE D1
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Areas of use ▪ Absorbent and porous subfloors, e.g. cement and calcium sulphate screeds, concrete and fillers ▪ Less absorbent and dense subfloors, e.g. sanded mastic asphalt, ceramic, stone ▪ Adhesive primer before filling work on STAUF VEP 195, STAUF WEP 180 and STAUF VPU 155 S NEW ▪ Vapour retarder on cement screeds with a residual moisture of up to 3.0 CM% without underfloor heating	Consumption On avg. 100 g/m ² On avg. 150 g/m ² (as vapour retarder)	Coverage On avg. 100 m ² On avg. 67 m ² On avg. 155 m ² (1:1 with water) On avg. 245 m ² (1:3 with water)
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Article no. 111130	Packaging 10 kg plastic canister	Shipping unit 60 (pallet)	
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Polyurethanes

STAU VPU 155 S

Fast-drying primer for reliable priming on screeds with residual moisture

Very fast-drying primer up to a residual moisture content of up to 95% KRL or 4 CM% on absorbent subfloors and for use before direct bonding with reaction resin adhesives and before filling work. Can also be used to stabilise highly absorbent and insufficiently firm subfloors.



Economic efficiency ✓ Very fast-drying ✓ Suitable for universal use ✓ No mixing necessary	Technical ✓ Moisture-free ✓ Flexible and tension reducing ✓ Vapour barrier up to 95% KRL or 4 CM%	Environmental ✓ Solvent-free – GISCODE RU 1 ✓ Very low emissions – PLUS
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Areas of use ▪ Absorbent and porous subfloors, e.g. screeds as part of refurbishment work ▪ Moisture-sensitive subfloors, e.g. magnesite and xylolite screeds ▪ Old subfloors in the refurbishment sector ▪ Primer underneath reaction resin adhesives, e.g. under STAUF SPU, SMP and PUK adhesives	Consumption On avg. 150 g/m ² (1st coat) On avg. 250 g/m ² (2nd coat)	Coverage On avg. 73 m ² (11 kg) On avg. 44 m ² (11 kg)
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Article no. 114340	Packaging 11 kg plastic canister 5 kg plastic canister	Shipping unit 60 (pallet) 120 (pallet)	
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Epoxy resin

STAU VEP 195

Damp proof membrane for reliable priming of very moist subfloors

Universal two-component epoxy primer to meet the toughest demands for stabilisation of almost all porous, absorbent and sealed subfloors up to a residual moisture level of 98% KRL or 5.0 CM% in interior finishing work. Ideal for subfloors subject to very heavy loads.



Economic efficiency ✓ Problem-solver for old subfloors ✓ Suitable for universal use	Technical ✓ Very good adhesive power ✓ Very good penetrating power ✓ Moisture-free	Environmental ✓ Solvent-free – GISCODE RE 30 ✓ Very low emissions – PLUS
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Areas of use ▪ Absorbent and porous subfloors, e.g. cement and calcium sulphate screeds, concrete ▪ Less absorbent and sealed subfloors, e.g. mastic asphalt, ceramic, stone ▪ Moisture-sensitive subfloors, e.g. magnesite and xylolite screeds ▪ Old subfloors, e.g. waterproof levelling compound residues, PAH refurbishment ▪ Primer underneath reaction resin adhesives, e.g. under STAUF SPU, SMP and PUK adhesives	Consumption On avg. 400 g/m ² (1st coat) On avg. 250 g/m ² (2nd coat)	Coverage On avg. 25 m ² (10 kg) On avg. 40 m ² (10 kg)
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Article no. 116120	Packaging 10 kg combination container 3 kg combination container	Shipping unit 45 (pallet) 120 (pallet)	
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TIPS & TRICKS
FROM STAUF TECHNICAL SERVICE

The absorbency of a mineral subfloor can be tested by dripping a drop of water onto it.

If the drop disappears within three minutes, the subfloor has good absorbency.

I CAN DO MORE NOW!



DON'T APPLY IT TOO THICK!



You can lay it on thick now now:

Our top levelling compounds keep their promise. And with STAUF XP 20 you can now achieve up to 30 mm layer thickness in just one operation.



www.stauf.de

Cement

STAUF XP 10

Economical filler compound under floor coverings and multi-layer wood flooring

Self-levelling cement filler for smoothing, filling and levelling. Suitable for layer thicknesses up to 10 mm in a single step. For domestic and commercial settings with normal use, e.g. in apartment and office buildings.



Economic efficiency

- ✓ Very economical
- ✓ Pumpable

Technical

- ✓ Very easy to sand
- ✓ Good level of strength
- ✓ Low-stress
- ✓ Very good flow properties

Environmental

- ✓ Low in chromate – GISCODE ZP 1
- ✓ Very low emissions – PLUS

Areas of use

- For the subsequent installation of textile and elastic floor coverings, e.g. textile flooring, linoleum, PVC/CV flooring
- For the subsequent installation of multi-layer parquet

Consumption

On avg. 1,500 g/m² per mm of layer thickness

Article no.
133040

Packaging
25 kg sack

Shipping unit
42 (pallet)



Cement

STAUF XP 20

Low-dust filling and levelling compound for all coverings

Self-levelling cement filler for smoothing, filling and levelling. Suitable for layer thicknesses up to 20 to 30 mm with quartz sand as an additive in a single step. For floors with the maximum level of use in domestic, commercial and industrial settings, e.g. in shop units, shopping centres and industrial buildings where forklift trucks are used. Ready for covering after just 6 hours.



Economic efficiency

- ✓ Fast-drying
- ✓ Suitable for universal use
- ✓ High coating thickness in a single step
- ✓ Pumpable

Technical

- ✓ Low-stress
- ✓ Very good flow properties
- ✓ Very high strength
- ✓ Easy to sand

Environmental

- ✓ Low in chromate – GISCODE ZP 1
- ✓ Very low emissions – PLUS

Areas of use

- For the subsequent installation of parquet, e.g. solid parquet, multi-layer parquet
- For the subsequent installation of textile and elastic floor coverings, e.g. textile flooring, linoleum, PVC/CV flooring
- For the subsequent installation of wood block flooring

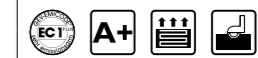
Consumption

On avg. 1,500 g/m² per mm of layer thickness

Article no.
133030

Packaging
25 kg sack

Shipping unit
42 (pallet)



STAU FZ

Cement



Efficient thin screed for high coating thicknesses under floor coverings and parquet

Self-levelling thin screed for single-layer levelling and filling-in of subfloors. For high coating thicknesses of 3-40 mm or 60 mm with quartz sand as an additive in domestic and commercial indoor settings subject to normal use, e.g. in apartment and office buildings.

Economic efficiency

- ✓ Pumpable
- ✓ High coating thickness in a single step

Technical

- ✓ Low-stress
- ✓ Good absorbency
- ✓ Very good flow properties

Environmental

- ✓ Low in chromate – GISCODE ZP 1
- ✓ Very low emissions – PLUS

Areas of use

- For the subsequent installation of parquet, e.g. multi-layer parquet and solid parquet
- For the subsequent installation of textile and elastic floor coverings, e.g. textile flooring, linoleum, PVC/CV flooring

Consumption

On avg. 1,800 g/m²
per mm of layer thickness

Article no.
133130

Packaging
25 kg sack

Shipping unit
42 (pallet)



STAU RM

Cement



Very fast-drying and stable filling/repair compound

Fine-grained repair mortar for patching and levelling in indoor areas. Can be tapered to zero in combination with quartz sand for coating thicknesses of up to 10 mm or 50 mm with quartz sand as an additive in a single step. Crack-free even at high layer thicknesses. For domestic, commercial and industrial settings with heavy use, e.g. in apartment buildings, office buildings and industrial buildings.

Economic efficiency

- ✓ Fast-drying
- ✓ Suitable for universal use
- ✓ Easy application

Technical

- ✓ Low-stress
- ✓ High-strength
- ✓ Low porosity

Environmental

- ✓ Low in chromate – GISCODE ZP 1
- ✓ Very low emissions – PLUS

Areas of use

- For levelling out and filling depressions, holes and uneven flooring
- Filling work on stairs and landings
- Levelling out height differences
- For thick-layer levelling work

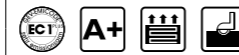
Consumption

On avg. 1,600 g/m²
per mm of layer thickness

Article no.
133110

Packaging
25 kg sack

Shipping unit
42 (pallet)



Cement

STAU TURBOFIX

Quick-fix solution to patch unevenness in subfloors

Thanks to the wide spectrum of possible applications and excellent properties, almost all types of subfloor can be evened out. The repair compound bonds well to a wide range of different materials and its particularly fine consistency allows it to be applied as a wafer-thin layer. Irregularities can be evened out to a tenth of a millimetre.



Economic efficiency

- ✓ Can be used without primer
- ✓ Can be used to smooth over old coverings
- ✓ Very fast-drying
- ✓ Ready for covering in a very short time

Technical

- ✓ Smooth and pliable during application
- ✓ Very fine-grained
- ✓ Can be tapered down to zero
- ✓ High strength, yet extremely flexible

Environmental

- ✓ Low in chromate – GISCODE ZP 1
- ✓ Very low emissions – PLUS

Areas of use

- On metal subfloors, e.g. checker plate
- Levelling of trowel marks and unevenness on mineral STAU levelling compounds
- Filling of joints in e.g. dry screeds, chipboard panels and OSB boards, wooden floorboards and STAU decoupling boards
- Filling of small cracks and holes, e.g. in combination with STAU glass-fibre fabric

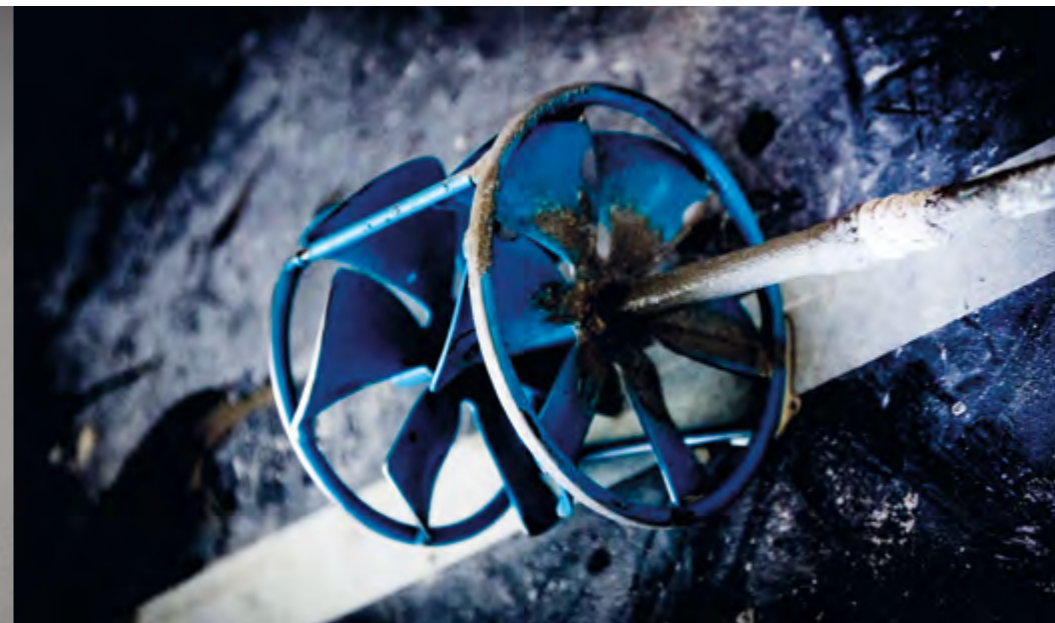
Consumption

On avg. 1,100 g/m²
per mm of layer thickness

Article no.
133250

Packaging
4 x 4.5 kg paper sack

Shipping unit
192 (paper sacks/pallet)



STAU GS

Calcium sulphate



Levelling compound under parquet and floor coverings

Self-levelling gypsum-based compound for smoothing, filling and levelling for coating thicknesses of up to 20 mm or 30 mm with quartz sand as an additive in a single step. On indoor subfloors that are suitable for floor installation. For domestic and commercial settings with moderately heavy use, e.g. in apartment buildings, nursery schools and offices.

Economic efficiency

- ✓ Very economical
- ✓ Versatile applications
- ✓ Pumpable

Technical

- ✓ Low surface porosity
- ✓ Low-stress
- ✓ Very easy to sand
- ✓ Very good flow properties

Environmental

- ✓ Gypsum-based levelling compound – GISCODE CP 1
- ✓ Very low emissions – PLUS

Areas of use

- For the subsequent installation of textile and elastic floor coverings, e.g. textile flooring, linoleum, PVC/CV flooring
- For the subsequent installation of multi-layer parquet
- Especially suited to calcium sulphate (self-levelling) screeds, prefabricated screeds and mastic asphalt

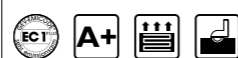
Consumption

On avg. 1,500 g/m²
per mm of layer thickness

Article no.
133210

Packaging
25 kg sack

Shipping unit
42 (pallet)



STAU GS BASIC

Calcium sulphate



Levelling compound under elastic and textile floorings

Self-levelling gypsum-based compound for smoothing, filling and levelling for coating thicknesses of up to 10 mm in a single step. On indoor subfloors that are suitable for floor installation. For normal wear in residential and commercial settings, e.g. apartment buildings, nursery schools and offices.

Economic efficiency

- ✓ Very economical
- ✓ Pumpable

Technical

- ✓ Low surface porosity
- ✓ Low-stress
- ✓ Very easy to sand
- ✓ Very good flow properties

Environmental

- ✓ Gypsum-based levelling compound – GISCODE CP 1
- ✓ Very low emissions – PLUS

Areas of use

- For the subsequent installation of textile and elastic floor coverings, e.g. textile flooring and PVC/CV flooring
- Especially suited to calcium sulphate (self-levelling) screeds, prefabricated screeds and mastic asphalt

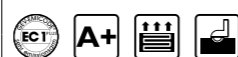
Consumption

On avg. 1,500 g/m²
per mm of layer thickness

Article no.
133220

Packaging
25 kg sack

Shipping unit
42 (pallet)



STAU PU

Two-component polyurethanes



Flexible two-component PU levelling compound for applications subject to the maximum level of use and loading

Self-levelling compound for all coating thicknesses on heavily loaded and deformable subfloors. For sports-related, commercial and industrial settings with extremely heavy use, e.g. in industrial buildings where forklift trucks are used.

Economic efficiency

- ✓ Any coating thickness
- ✓ Ready for covering in a very short time

Technical

- ✓ No cracking or shrinkage
- ✓ Non-absorbent
- ✓ Moisture-free

Environmental

- ✓ Solvent-free – GISCODE RU 1
- ✓ Very low emissions – PLUS

Areas of use

- On old subfloors, e.g. on timber floors, chipboard, dry screed
- On metal subfloors, e.g. on steel, aluminium
- On deformable subfloors, e.g. on mastic asphalt, fine-graded asphalt concrete, rolled asphalt
- On moisture-sensitive subfloors, e.g. on magnesite and xylolite screeds

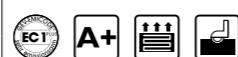
Consumption

On avg. 1,500 g/m²
per mm of layer thickness

Article no.
114250

Packaging
10.8 kg plastic bucket
1.71 kg plastic bottle

Shipping unit
44 (pallet)



Soluble glass

STAU SGH 50

Two-component casting and adhesive resin for repairing, bonding, filling and patching

Silicate resin for quick, force-closed repair of screed joints and cracks, for casting, filling and patching mineral subfloors, and or bonding metal profiles, including 10 joint connectors



Economic efficiency

- ✓ Perfect for measuring out
- ✓ Can be mixed without stirring tool
- ✓ Extremely fast-setting
- ✓ Can be reworked after a very short time

Technical

- ✓ High-strength
- ✓ Can be used as a liquid or paste

Environmental

- ✓ Solvent-free
- ✓ Very low emissions – PLUS
- ✓ Low-odour

Areas of use

- Force-closing of cracks and joints in concrete and screeds
- Casting, filling and patching mineral subfloors, e.g. screeds and concrete
- Bonding metal profiles and nailing strips, e.g. onto concrete, stone and ceramic

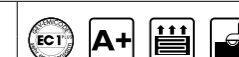
Consumption

Dependent on the width and depth of cracks or joints, with a crack width of 5 mm and crack depth of 5 cm, approx. 3 to 4 running metres per unit.

Article no.
116700

Packaging
Hardener: 480 g plastic bottle
Resin: 320 g plastic bottle

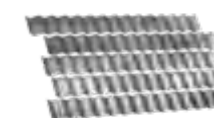
Shipping unit
12 sets (box)



STAU FLOOR BRACKETS

Joint connectors for insertion into screed cracks

Improvement of force closure for closing cracks.



Areas of use

- Needed for closing cracks with STAUF SGH 50

Consumption

One bracket every 20 cm

Article no.
161151
161150

Packaging
100 (box)
1000 (box)

SO THAT
EVERYTHING GOES
SMOOTHLY
—
OUR ACCESSORIES



Mixing bucket, 30 litres
see Accessories, p. 52



Reinforcing fibres
see p. 20



Expansion strips
see Accessories, p. 52

STAU REINFORCING FIBRES



Reinforcement of self-levelling compounds

The incorporation of STAU reinforcing fibres increases the tensile strength of the levelling compound.

Areas of use		Consumption	
<ul style="list-style-type: none"> On wooden plank floors, false-floor systems and prefabricated screeds 		On avg. 1 bag (250 g) for 25 kg filler (1 sack)	
Article no.	Packaging	Shipping unit	
110150	0.25 kg plastic bag	50 (bucket)	

STAU QUARTZ SAND



Surfacing and drawing-out of primer and levelling compound

For surfacing reaction-resin primers or for drawing out levelling compounds. Grain size of 0.4–0.8 mm.

Areas of use		Consumption	
<ul style="list-style-type: none"> Sanding of reaction-resin primers and cracks that have been filled with casting resin Drawing-out of levelling compounds 		On avg. 2.5–3 kg for sanding Up to 12 kg for 25 kg of levelling compound	
Article no.	Packaging	Shipping unit	
113200	25 kg plastic sack	40 (pallet)	

STAU GLASSFIBRE FABRIC



Easy and tidy refurbishment of unstable and extremely cracked subfloors

Highly tear-resistant reinforcement and refurbishment fabric made of alkali-resistant glass-fibre strands for bridging problematic cracks and construction joints with a width of up to 5 mm, for use on old subfloors. Minimises odour, noise and dust nuisance and saves time and money compared to other renovation methods.

Economic efficiency		Technical		Environmental	
<ul style="list-style-type: none"> Possible alternative to resinous closing of cracks Easy application 		<ul style="list-style-type: none"> Bridges cracks Dissipates stress Very high tensile strength 		<ul style="list-style-type: none"> No hazardous substances Not subject to labelling requirements 	
Areas of use			Coverage		
<ul style="list-style-type: none"> For construction joints, shrinkage cracks and separation cracks Reinforcement of unstable floors For transitions between different subfloors and when screeds are added 			40 m ²		
Article no.	Dimension	Shipping unit			
110171	50 x 0.80 m	33 (pallet)			

STAU POLYESTER FELT

Decoupling felt for low-stress parquet installation

Polyester felt for decoupling the subfloor and for reliable stress relief under bonded parquet in indoor areas.



Economic efficiency		Technical		Environmental	
<ul style="list-style-type: none"> Quick installation Easy to cut 		<ul style="list-style-type: none"> Bridges cracks Low-stress Low installation height 		<ul style="list-style-type: none"> Very low emissions 	
Areas of use				Coverage	
<ul style="list-style-type: none"> For mechanical decoupling of the subfloor under parquet On critical existing subfloors with stuck-on residues of adhesives or levelling compounds 				25 m ²	
Article no.	Dimension	Shipping unit			
110120	25 x 1 m	20 (pallet)			

STAU COMFORT PAD

Elastic CE-approved damping underlay under floor coverings and parquet

Glue-on damping underlay made of PU-bound cork/foam granulate for indoor flooring. Elastic underlay with coarse, vapour-permeable structure. Available in different thicknesses for various installation heights and where a high level of home and walking comfort is required.



Economic efficiency		Technical		Environmental	
<ul style="list-style-type: none"> Easy to install 		<ul style="list-style-type: none"> Permeable Heat-insulating Footfall sound insulation 		<ul style="list-style-type: none"> Very low emissions – PLUS 	
Areas of use				Coverage	
<ul style="list-style-type: none"> For footfall sound insulation under parquet and floor coverings As mechanical decoupling for low-stress parquet installation 				30.0 m ² (110290) 20.0 m ² (110330) 12.5 m ² (110350)	
Article no.	Dimension	Shipping unit	Thermal resistance	Installation height	Footfall sound insulation
110290	30 x 1 m	11 (pallet)	0.03 m ² K/W	2 mm	acc. to installation height: 16 - 25 dB
110330	20 x 1 m	11 (pallet)	0.04 m ² K/W	3 mm	
110350	12.5 x 1 m	11 (pallet)	0.07 m ² K/W	5 mm	

STAU DECOUPLING BOARD

Decoupling and footfall-sound insulation board for installation under parquet and laminate flooring

Decoupling board for a pressure-resistant covering with bonding to the subfloor and bonded parquet. For relief of tensile and shear stresses arising between the parquet and subfloor. Increases home and walking comfort. Available in different thicknesses for different installation heights.



Economic efficiency		Technical		Environmental	
<ul style="list-style-type: none"> Easy to install 		<ul style="list-style-type: none"> Stress relief High bonding strength Can be coated 		<ul style="list-style-type: none"> Very low emissions – PLUS 	
Areas of use				Shipping unit	
<ul style="list-style-type: none"> As mechanical decoupling for low-stress parquet installation Very reliable installation on unstable subfloors Can also be bonded with elastic and textile coverings after levelling 				4 mm: 200 (pallet) 9 mm: 110 (pallet) 15 mm: 60 (pallet)	
Coverage			Footfall sound insulation		
0.6 m ²			up to 13 dB (according to ISO 140-8)		
Article no.	Dimension	Thermal resistance	Installation height		
110130	0.6 x 1 m	0.04 m ² K/W	4 mm		
110140	0.6 x 1 m	0.09 m ² K/W	9 mm		
110160	0.6 x 1 m	0.19 m ² K/W	15 mm		

PIONEER OF SILANE TECHNOLOGY

The history of STAUF begins long before the invention of modern parquet adhesives. The company has developed and produced adhesives in Germany since 1828 with the aspiration to provide innovative solutions to meet the technical challenges encountered in practice. This approach led to STAUF becoming a pioneer of adhesive technology – an area which has become indispensable in the parquet sector.

In the year 2001, even before emission-free adhesives had become standard, STAUF was the first manufacturer to bring a silane adhesive for bonding parquet flooring onto the market: STAUF SMP 960. As well as achieving this technical milestone, the company also pointed the way ahead for a whole industry.

OCCUPATIONAL SAFETY AS AN INNOVATION DRIVER

The backdrop to this was a profound change taking place in the building trade: solvent-based adhesives were seen as powerful but harmful to health. The TRGS 610 (technical rules for hazardous substances) called for a reorientation at the end of the 1990s: adhesives must become safer, more eco-friendly and pose no risk to the health of processors.

LOW-EMISSION, READY FOR USE, WATER-FREE

STAUF rose to this challenge with a clear answer: Silane-based SMP and SPU adhesives that are solvent-free, water-free and yet high-performers technically.



A lot has happened since then. STAUF has forged ahead and further developed its silane technology. Today, products like SMP 950, SPU 460 or SPU 570 stand for the highest standard of installation, technical sophistication and uncompromising health and safety. They offer a balanced combination of elastic or hard-elastic mechanical properties, depending on the area of application. They have high shear strength, are plasticiser-free and remain long-term stable, and can be reliably used even on critical subfloors such as mastic asphalt.

Their practicality is also impressive:

In many cases, a primer coat is not necessary; if residual moisture levels are high, SMP 950 or SPU 570 can even be used as both a primer and an adhesive in one. Fewer steps, better reliability – that's what modern installation technology looks like according to STAUF standards.

MORE THAN 20 YEARS OF COMPETENCE IN SILANE TECHNOLOGY AND NO END IN SIGHT

All present-day silane adhesives from STAUF are classified as very low emission according to EMICODE® EC1 PLUS, and are ready-to-use, one-component products for universal use for bonding RE and WE-type wood block flooring and multi-layer parquet right up to challenging solid wood boards. The very good initial adhesion of the adhesives is an advantage, particularly when working with complex installation patterns, and ensures long-lasting, damage-free results.

At STAUF, almost 200 years of adhesive competence come together with over 20 years of experience with silane to form an impressive track record: many millions of square metres of parquet have been installed successfully and sustainably with silane adhesives from STAUF.



PARQUET ADHESIVES

Solid wood floorboards lend a room the feeling of warmth and visibly make it more comfortable. Natural materials create a warm pleasant living and working atmosphere. As part of a discerning life-style culture, parquet floors combine traditional and modern – mind you, laying this special floor covering poses a particular challenge. The high-quality material is sensitive to temperature and humidity and must be able to withstand a variety of pressures.

The adhesive technologies developed by STAUF guarantee the reliable and durable combination of underfloor and parquet floor. Our products are compatible with the various types of parquet and wood down to the very last detail. That is our strength. We rely not only on our experience of almost 200 years in manufacturing adhesive but are constantly investing in research and development into new technologies. That

makes STAUF a reliable partner when it comes to keeping parquet durable, safe and compatible with people and the environment. Whether thermoplastic, elastic or shear-resistant, STAUF adhesives are renowned for their excellent durability. We help to give parquet floors a long life with suitable user-friendly products, which produce a highly economical result. In this way, our parquet adhesives blend perfectly into the overall system of broad-ranging STAUF products.

Over 20 years ago, we introduced the first STAUF silane parquet adhesive – and two decades later we continue to pass on our knowledge, expertise and experience with this still 'young' technology to our customers and continuously work on the further development of SMP and SPU adhesives for the best possible parquet bonding.

STAUF SPU 570

BONDING LARGE SOLID BOARDS IN AN ECO-FRIENDLY MANNER



Our SPU parquet adhesives offer an excellent combination of outstanding cohesion and very good adhesion. They are the ideal combination of the advantages of PU technology, including its versatility and high stability, with those of the non-classified silane cross-linking, and they combine cohesion with balanced elasticity.

Silane technology makes strong bonding possible on a variety of substrates. Our SPU parquet adhesives are graded into the favourable GISCODE Class RS 10. As perfectly adequate substitutes for solvent based parquet adhesives, they make a valuable contribution to improving workplace hygiene and also reduce greenhouse gas emissions.

The top product of the user-friendly reaction resin parquet adhesives from STAUF is SPU 570. The shear-resistant adhesive is suitable for all adhesive purposes, which were only previously possible with hard 1-component and 2-component PU adhesives.

In addition, SPU 570 can also be used for all solid wood or multi-layered types of parquet. The moisture-blocking effect of the adhesive is achieved by a 'multi-stage' application of adhesive using the STAUF toothed trowel No. 12. On cement screeds with up to 95% KRL or 4.0 CM%, and concrete subfloors with up to 6% moisture content by weight, parquet can be directly bonded with STAUF SPU 570.

Silane-terminated polyurethanes

STAUF SPU 570

For bonding extremely large solid boards and protecting them from residual moisture in an eco-friendly manner

For all common types of parquet. Strength values comparable to those of two-component PU adhesives. Holds, in particular, very large board formats in shape. The correct level of elasticity ensures reliable bonding to the subfloor in the event of changes in the indoor climate. Applying a closed layer of adhesive with trowel no. 12 protects against damage due to rising residual moisture.



<p>Economic efficiency</p> <ul style="list-style-type: none"> ✓ Damp proof membrane, primer and adhesive in a single step ✓ Can be used without interactions on mastic asphalt or old subfloors ✓ Time-saving due to rapid setting 	<p>Technical</p> <ul style="list-style-type: none"> ✓ Hard adhesive (ISO 17178) ✓ Very good dimensional consistency of large-format timber ✓ Very high shear strength ✓ Regulates rising residual moisture ✓ Excellent ridge formation ✓ Patented 	<p>Environmental</p> <ul style="list-style-type: none"> ✓ Solvent-free – GISCODE RS 10 ✓ Very low emissions – PLUS ✓ Not subject to mandatory labelling ✓ Without any plasticising ingredients ✓ Free of isocyanates – especially user-friendly 																
<p>Areas of use</p> <ul style="list-style-type: none"> ▪ Solid boards ▪ Lamparquet ▪ Strip parquet 	<ul style="list-style-type: none"> ▪ Vertical-finger parquet ▪ Multi-layer parquet ▪ Mosaic parquet ▪ Veneered floor coverings subject to manufacturer approval 	<p>Consumption</p> <table border="1"> <tbody> <tr> <td>TKB B7</td> <td>On avg. 1,000 g/m²</td> </tr> <tr> <td>TKB B9</td> <td>On avg. 1,150 g/m²</td> </tr> <tr> <td>TKB B15</td> <td>On avg. 1,300 g/m²</td> </tr> <tr> <td>No. 12</td> <td>On avg. 1,900 g/m²</td> </tr> <tr> <td>No. 14</td> <td>On avg. 1,500 g/m²</td> </tr> </tbody> </table>	TKB B7	On avg. 1,000 g/m ²	TKB B9	On avg. 1,150 g/m ²	TKB B15	On avg. 1,300 g/m ²	No. 12	On avg. 1,900 g/m ²	No. 14	On avg. 1,500 g/m ²	<p>Coverage</p> <table border="1"> <tbody> <tr> <td>On avg. 18 m² (18 kg)</td> </tr> <tr> <td>On avg. 16 m² (18 kg)</td> </tr> <tr> <td>On avg. 14 m² (18 kg)</td> </tr> <tr> <td>On avg. 10 m² (18 kg)</td> </tr> <tr> <td>On avg. 12 m² (18 kg)</td> </tr> </tbody> </table>	On avg. 18 m ² (18 kg)	On avg. 16 m ² (18 kg)	On avg. 14 m ² (18 kg)	On avg. 10 m ² (18 kg)	On avg. 12 m ² (18 kg)
TKB B7	On avg. 1,000 g/m ²																	
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On avg. 14 m ² (18 kg)																		
On avg. 10 m ² (18 kg)																		
On avg. 12 m ² (18 kg)																		
<p>Article no. 126180</p>	<p>Packaging 18 kg plastic bucket 6 kg plastic bucket</p>	<p>Shipping unit 33 (pallet) 100 (pallet)</p>	<p>ECT U A+ </p>															

STAU SMP 950

Silane-modified polymers

For bonding parquet and wood block flooring and protecting them from residual moisture in an eco-friendly manner

Suitable for numerous types of parquet. Boards with a width-to-thickness ratio of 7:1 and wood block flooring are its speciality. A balanced degree of elasticity ensures a secure bond with the subfloor in the event of changes in the indoor climate. Applying a closed layer of adhesive with trowel no. 12 protects against damage due to rising residual moisture.



Economic efficiency

- ✓ Damp proof membrane, primer and adhesive in a single step
- ✓ Low consumption
- ✓ Time-saving due to rapid setting

Technical

- ✓ Hard elastic adhesive (ISO 17178)
- ✓ Very good dimensional consistency of solid boards (max. 7:1)
- ✓ Regulates rising residual moisture
- ✓ Excellent ridge formation
- ✓ Can be used without interactions on mastic asphalt or old substrates
- ✓ Quick-setting
- ✓ Patented

Environmental

- ✓ Solvent-free – GISCODE RS 10
- ✓ Very low emissions – PLUS
- ✓ Without any plasticising ingredients
- ✓ Not subject to mandatory labelling

Areas of use

- Wood block flooring, RE and WE
- Solid boards (7: 1), wider boards on request
- Multi-layer parquet
- Strip parquet

Also suitable for

- Vertical-finger parquet, min. 16 mm thick
- Lamparquet, uncoated, up to 55 x 250 mm, min. 10 mm thick
- Mosaic parquet
- Veneered floor coverings subject to manufacturer approval

Consumption

TKB B7	On avg. 900 g/m ²
TKB B9	On avg. 1,050 g/m ²
TKB B15	On avg. 1,200 g/m ²
No. 12	On avg. 1,900 g/m ²

Coverage

On avg. 20 m ² (18 kg)
On avg. 17 m ² (18 kg)
On avg. 15 m ² (18 kg)
On avg. 10 m ² (18 kg)

Article no.
125120

Packaging
18 kg plastic bucket

Shipping unit
33 (pallet)



STAU SMP 930

Silane-modified polymers

Efficient bonding of solid boards and multi-layer parquet

With its balanced elasticity, SMP 930 is particularly ideal for subfloor-friendly bonding work of solid boards and multilayer parquet. Even floorboards with a width-thickness ratio of 7:1 can be bonded reliably.



Economic efficiency

- ✓ Time-saving thanks to primer-free application

Technical

- ✓ Hard elastic adhesive (ISO 17178)
- ✓ Low-stress
- ✓ Adhesive residues can be removed easily
- ✓ Quick-setting
- ✓ Excellent ridge formation
- ✓ No wood swelling

Environmental

- ✓ Solvent-free – GISCODE RS 10
- ✓ Very low emissions – PLUS
- ✓ Not subject to mandatory labelling

Areas of use

- Solid boards (up to max. 7:1)
- Strip parquet
- Multi-layer parquet

Also suitable for

- Vertical-finger parquet, min. 16 mm thick
- Mosaic parquet

Consumption

TKB B7	On avg. 1,050 g/m ²
TKB B9	On avg. 1,150 g/m ²
TKB B15	On avg. 1,300 g/m ²

Coverage

On avg. 17 m ² (18 kg)
On avg. 16 m ² (18 kg)
On avg. 14 m ² (18 kg)

Article no.
125140

Packaging
18 kg plastic bucket

Shipping unit
33 (pallet)



Silane-terminated polyurethanes

STAU SPU 460

Reliable bonding of parquet and solid boards without priming

Universal adhesive suitable for many types of parquet. Its strength makes it ideal for solid boards with a width-to-thickness ratio of up to 10:1. Bonding can be carried out without additional priming.



Economic efficiency

- ✓ Primer and adhesive in a single step

Technical

- ✓ Hard adhesive (ISO 17178)
- ✓ Very good dimensional consistency of medium-and large-format timber
- ✓ High shear strength
- ✓ Excellent ridge formation
- ✓ Patented

Environmental

- ✓ Solvent-free – GISCODE RS 10
- ✓ Very low emissions – PLUS
- ✓ Not subject to mandatory labelling
- ✓ Free of isocyanates – especially user-friendly

Areas of use

- Solid boards (up to max. 10:1)
- Strip parquet
- Multi-layer parquet

Also suitable for

- Vertical-finger parquet, min. 16 mm thick
- Lamparquet, up to 55 x 250 mm, min. 10 mm thick
- Mosaic parquet

Consumption

TKB B7	On avg. 1,100 g/m ²
TKB B9	On avg. 1,200 g/m ²
TKB B15	On avg. 1,350 g/m ²

Coverage

On avg. 16 m ² (18 kg)
On avg. 15 m ² (18 kg)
On avg. 13 m ² (18 kg)

Article no.
126110

Packaging
18 kg plastic bucket

Shipping unit
33 (pallet)



Silane-terminated polyurethanes

STAU MULTILAYER

Efficient and secure bonding of multi-layer parquet

Due to its elasticity and mechanical properties, STAU MULTILAYER is particularly suitable for all common types of multi-layer parquet. Bonding can be carried out without additional priming.



Economic efficiency

- ✓ Time-saving thanks to primer-free application
- ✓ For universal use for multi-layer parquet

Technical

- ✓ Elastic adhesive according to ISO 17178
- ✓ Low-stress
- ✓ Adhesive residues can be easily removed
- ✓ Very easy to spread
- ✓ No wood swelling

Environmental

- ✓ Solvent-free – GISCODE RS 10
- ✓ Very low emissions – PLUS

Areas of use

- Multi-layer parquet

Consumption

TKB B9	On avg. 1,150 g/m ²
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Coverage

On avg. 16 m ²

Article no.
129130

Packaging
18 kg plastic bucket

Shipping unit
33 (pallet)



STAU SPU 555

Silane-terminated polyurethanes

Fast reliable bonding of parquet

Thanks to its extremely rapid setting process, STAU SPU 555 allows loads to be placed on the parquet up to 4 to 3 times faster. This means you are always on the safe side in time-critical projects. The adhesive is suitable for many types of parquet. It even allows reliable bonding of solid boards up to a ratio of 10:1.



Economic efficiency ✓ Time-saving thanks to primer-free application ✓ Time-saving thanks to very fast setting	Technical ✓ Hard elastic adhesive (ISO 17178) ✓ Very good dimensional consistency of medium-and large-format timber ✓ High shear strength	Environmental ✓ Solvent-free – GISCODE RS 10 ✓ Very low emissions – PLUS ✓ Not subject to mandatory labelling ✓ Free of isocyanates – especially user-friendly
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Areas of use • Solid boards (10:1) • Strip parquet • Multi-layer parquet	Also suitable for • Vertical-finger parquet, min. 16 mm thick • Lamparquet, up to 55 x 250 mm, min. 10 mm thick • Mosaic parquet	Consumption TKB B7 On avg. 1,100 g/m ² TKB B9 On avg. 1,200 g/m ² TKB B15 On avg. 1,350 g/m ²	Coverage On avg. 16 m ² On avg. 15 m ² On avg. 13 m ²
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Article no. 126240	Packaging 18 kg plastic bucket	Shipping unit 33 (pallet)	
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STAU SPU 560

Silane-terminated polyurethanes

Elastic single-component SPU adhesive according to ISO 17178 for parquet

Thanks to its controlled elasticity, STAU SPU 560 is particularly suitable for subfloor-friendly bonding of multi-layer parquet and wood strip flooring. Bonding can be carried out on almost all substrates without the need for an additional primer.



Economic efficiency ✓ Time-saving thanks to primer-free application	Technical ✓ Elastic adhesive (ISO 17178) ✓ Tension reducing ✓ Adhesive residues can be removed easily ✓ Excellent ridge formation ✓ no wood swelling	Environmental ✓ Free of isocyanates - especially user-friendly ✓ Solvent-free – GISCODE RS 10 ✓ Very low emissions – PLUS
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Areas of use • Multi-layer parquet • Wood Strip parquet	Also suitable for • solid planks, on request	Consumption TKB B9 On avg. 1,200 g/m ² TKB B15 On avg. 1,350 g/m ²	Coverage On avg. 15 m ² On avg. 13 m ²
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Article no. 126100	Packaging 18 kg plastic bucket	Shipping unit 33 (pallet)	
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TIPS & TRICKS

FROM STAU TECHNICAL SERVICE

To avoid visually noticeable marks, we recommend sorting and grading industrial parquet (vertical-finger parquet) before bonding. Light, dark, rustic and less rustic elements for installation should not result in any large, connected 'visual zones' after installation.

Silane-terminated polyurethanes

STAU SPU 425

Adhesive for precise liquid batten bonding of parquet and laminate flooring

Packed in a practical tubular bag for use with a cartridge gun, STAU SPU 425 is the ideal adhesive for precise, tidy and uniform dispensing for liquid batten bonding of parquet or laminate flooring to perforated footfall sound insulation.



Economic efficiency ✓ No waste thanks to precise dispensing	Technical ✓ Easy application ✓ Elastic adhesive ✓ Low-stress ✓ Adhesive residues can be removed easily ✓ Quick-setting	Environmental ✓ Solvent-free – GISCODE RS 10 ✓ Very low emissions – PLUS ✓ Not subject to mandatory labelling ✓ Free of isocyanates – especially user-friendly
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Areas of use • Solid boards, min. 20 mm thick* • Multi-layer parquet, min. 14 mm thick* • Strip flooring*	Also suitable for • Laminate*	Consumption On avg. 600 g/m ² for 8 cm liquid batten adhesion
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*Subject to manufacturer's approval

Article no. 126150	Packaging 600 ml aluminium bag Diameter of tubular bag approx. 49 mm	Shipping unit 20 (box), 720 (pallet)	
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STAU M2A 700

Dispersion

Eco-friendly adhesive for low-swelling parquet

The use of STAU M2A 700 is particularly worthwhile in projects with a focus on cost effectiveness and the health of inhabitants and users. It is free of solvents and impresses with its optimum final strength. The low usage guarantees economical working.



Economic efficiency ✓ Low consumption	Technical ✓ Hard adhesive (ISO 17178) ✓ Very good initial adhesion ✓ Low-water ✓ Very easy to spread ✓ Excellent ridge formation ✓ Low swelling	Environmental ✓ Solvent-free – GISCODE D 1 ✓ Very low emissions – PLUS
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Areas of use • Vertical-finger parquet, min. 16 mm thick • Mosaic parquet	Also suitable for • Multi-layer parquet, individual strips, max. 70 x 600 mm • Lamparquet, uncoated, up to 55 x 250 mm, min. 10 mm thick • Strip parquet, uncoated, max. 75 x 600 mm, min. 14 mm thick; timber types with pronounced swelling, min. 22 mm thick	Consumption TKB B7 On avg. 850 g/m ² TKB B9 On avg. 950 g/m ² TKB B15 On avg. 1,000 g/m ²	Coverage On avg. 21 m ² On avg. 19 m ² On avg. 18 m ²
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Article no. 121020	Packaging 18 kg plastic bucket	Shipping unit 33 (pallet)	
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FOR QUICK WORK OUR ACCESSORIES



REPACOLL S
see Mounting p. 44



Cleaning wipes
see Accessories, p. 52



Notched trowel No. 14
see p. 51 onwards

STAU PUK 4SPEED

Two-component polyurethanes

Hardener 2ACTIVATE + gloves are contained in the lid.



Fast-setting PU adhesive for a wide range of applications

The 2-component adhesive is ready for use and sanding after just four hours – ideal for achieving quick progress. Suitable for all types of parquet, including solid boards. Convinces with its very fast setting time, high shear strength and universal use. Can be used on practically any substrate without a primer. Very low-emission and can be used without mandatory diisocyanate training.

Economic efficiency

- ✓ Time-saving thanks to primer-free application
- ✓ Time-saving thanks to very fast setting
- ✓ For universal use

Technical

- ✓ Hard adhesive (ISO 17178)
- ✓ Extremely fast setting
- ✓ High shear strength
- ✓ Very easy to spread

Environmental

- ✓ Solvent-free – GISCODE RS 10
- ✓ Very low emissions – PLUS
- ✓ No compulsory diisocyanate training (PU) required

Areas of use

- Lamparquet
- Strip parquet
- Vertical-finger parquet
- Mosaic parquet
- Solid boards

Also suitable for
• Multi-layer parquet

Consumption

TKB B7	On avg. 1,100 g/m ²
TKB B9	On avg. 1,300 g/m ²
TKB B15	On avg. 1,450 g/m ²

Coverage

On avg. 7 m ²
On avg. 6 m ²
On avg. 5 m ²

Article no.
124281

Packaging
6.41 kg plastic bucket +
0.89 l hardener bottle

Shipping unit
65 (pallet)



STAU PUK 455

Polyurethanes



Universal single-component adhesive for all common types of parquet

Supplied ready-for-use, STAU PUK 455 exhibits the strength of a two-component PU system. Due to this and its easy foaming properties, it offers a high level of reliability, especially with large solid board types or difficult subfloors. Guaranteed economical due to low usage.

Economic efficiency

- ✓ Low consumption
- ✓ For universal use
- ✓ Ready to use
- ✓ No stirrer contamination

Technical

- ✓ Hard adhesive (ISO 17178)
- ✓ High shear strength
- ✓ Ready to use
- ✓ Controlled foaming

Environmental

- ✓ Solvent-free – GISCODE RU 1
- ✓ Very low emissions – PLUS

Areas of use

- Solid boards
- Strip parquet
- Vertical-finger parquet

Also suitable for
• Lamparquet
• Multi-layer parquet
• Mosaic parquet

Consumption

TKB B7	On avg. 850 g/m ²
TKB B9	On avg. 950 g/m ²
TKB B15	On avg. 1,150 g/m ²
No. 14	On avg. 1,500 g/m ²

Coverage

On avg. 18 m ²
On avg. 16 m ²
On avg. 13 m ²
On avg. 10 m ²

Article no.
127120

Packaging
15 kg plastic bucket

Shipping unit
33 (pallet)



Two-component polyurethanes

STAU PUK 446

Reliable bonding of all types of parquet and solid boards on many common subfloors

With its hard-elastic adhesive grooving and excellent bonding properties, the two-component adhesive STAU PUK 446 offers a high level of reliability. Especially for difficult types of parquet such as solid parquet, solid boards and for difficult subfloors. STAU PUK 446 is thus suitable for bonding all common parquet types on many subfloors.



Economic efficiency

- ✓ For universal use
- ✓ Long processing time

Technical

- ✓ Hard adhesive (ISO 17178)
- ✓ Fast-setting
- ✓ Very high shear strength
- ✓ Very easy to spread
- ✓ Excellent ridge formation
- ✓ Col. vers. available for dark timber types

Environmental

- ✓ Solvent-free – GISCODE RU 1
- ✓ Very low emissions – PLUS

Areas of use

- Lamparquet
- Strip parquet
- Vertical-finger parquet
- Mosaic parquet
- Solid boards

Also suitable for
• Multi-layer parquet

Consumption

TKB B7	On avg. 1,050 g/m ²
TKB B9	On avg. 1,150 g/m ²
TKB B15	On avg. 1,400 g/m ²

Coverage

On avg. 8.5 m ²
On avg. 8 m ²
On avg. 6.5 m ²

Article no.
124220

Packaging
8.01 kg plastic bucket
0.89 kg plastic bottle

Shipping unit
65 (pallet)



Two-component polyurethanes

STAU PUK 447

Secure bonding of wood flooring without priming

Two-component adhesive suitable for many types of parquet. Owing to its strength and hard-elastic mechanical properties, it is ideal for many types of solid parquet. Bonding can also be carried out without additional priming.



Economic efficiency

- ✓ Long processing time

Technical

- ✓ Hard adhesive (ISO 17178)
- ✓ Very good dimensional consistency of medium-and large-format timber
- ✓ High shear strength
- ✓ Very easy to spread

Environmental

- ✓ Solvent-free – GISCODE RU 1
- ✓ Very low emissions – PLUS

Areas of use

- Lamparquet
- Strip parquet
- Vertical-finger parquet
- Mosaic parquet

Also suitable for
• Multi-layer parquet
• Solid boards

Consumption

TKB B7	On avg. 1,100 g/m ²
TKB B9	On avg. 1,250 g/m ²
TKB B15	On avg. 1,450 g/m ²

Coverage

On avg. 9 m ²
On avg. 7.5 m ²
On avg. 6.5 m ²

Article no.
124280

Packaging
8.9 kg plastic bucket
0.89 kg plastic bottle

Shipping unit
65 (pallet)



STAU M2A 700

Dispersion

Eco-friendly adhesive for low-swelling parquet



The use of STAU M2A 720 is particularly worthwhile in projects with a focus on cost effectiveness and the health of inhabitants and users. It is free of solvents and impresses with its optimum final strength. The low usage guarantees economical working.

Economic efficiency

- ✓ Low consumption

Technical

- ✓ Hard adhesive (ISO 17178)
- ✓ Very good initial adhesion
- ✓ Low-water
- ✓ Very easy to spread
- ✓ Excellent ridge formation
- ✓ Low swelling

Environmental

- ✓ Solvent-free – GISCODE D 1
- ✓ Very low emissions – PLUS

Areas of use

- Vertical-finger parquet, min. 16 mm thick
- Mosaic parquet

Also suitable for

- Multi-layer parquet, individual strips, max. 70 x 600 mm
- Lamparquet, uncoated, up to 55 x 250 mm, min. 10 mm thick
- Strip parquet, uncoated, max. 75 x 600 mm, min. 14 mm thick; timber types with pronounced swelling, min. 22 mm thick

Consumption

TKB B7	On avg. 850 g/m ²
TKB B9	On avg. 950 g/m ²
TKB B15	On avg. 1,000 g/m ²

Coverage

On avg. 21 m ²
On avg. 19 m ²
On avg. 18 m ²

Article no.
121020

Packaging
18 kg plastic bucket

Shipping unit
33 (pallet)



STAU WFR CLASSIC

Solvents

Fast bonding of parquet with quick accessibility



A parquet floor bonded with STAU WFR 360 can be walked on just a short time later. Further installation work can therefore be continued quickly.

Economic efficiency

- ✓ Can be walked on shortly after installation
- ✓ Sets rapidly

Technical

- ✓ Hard adhesive (ISO 17178)
- ✓ Water-free
- ✓ Good ridge formation
- ✓ Easy to spread
- ✓ High shear strength

Environmental

- ✓ GISCODE S 1
- ✓ Methanol-free

Areas of use

- Vertical-finger parquet, min. 16 mm thick
- Mosaic parquet
- Strip parquet, uncoated, max. 75 x 600 mm, min. 14 mm thick

Also suitable for

- Lamparquet, uncoated, up to 55 x 250 mm, min. 10 mm thick
- Multi-layer parquet min. 22 mm thick
- Multi-layer parquet, individual strips
- Strip parquet, surface-treated, max. 75 x 600 mm, min. 14 mm thick
- Boards

Consumption

TKB B7	On avg. 950 g/m ²
TKB B15	On avg. 1,250 g/m ²
TKB B9	On avg. 1,050 g/m ²

Coverage

On avg. 26 m ²
On avg. 20 m ²
On avg. 24 m ²

Article no.
122200

Packaging
23 kg plastic bucket

Shipping unit
33 (pallet)



Polyurethanes

STAU REPAMED

Quick and easy repair of cavities under parquet

Supplied ready for use in a practical syringe; STAU REPAMED makes repairing cavities under parquet exceptionally easy. The lightly foaming PU adhesive acts as the ideal aid for filling cavities. Individual parquet strips can be fixed in place quickly and tidily.



Economic efficiency

- ✓ Ready to use
- ✓ Handy and efficient 50 ml pack

Technical

- ✓ Accurate and tidy dispensing
- ✓ Very good wetting thanks to foaming action
- ✓ Very good subfloor adhesion
- ✓ Single-component adhesive

Environmental

- ✓ Solvent-free – GISCODE RU 1
- ✓ Very low emissions – PLUS

Areas of use

- Bridging cavities under all common types of parquet
- Rebonding loose parquet strips and cover strips

Consumption

Depending on how pronounced and extensive the cavities are

Article no.
124360

Packaging
50 ml syringe

Shipping unit
30 (box)



Dispersion

STAU COLD GLUE L

Reliable and tidy bonding of wood with a tongue and groove system

This STAU wood glue is used especially for tongue and groove bonding. After being pressed down briefly, it cures quickly to form a transparent layer. Its good water resistance offers reliability in the event of brief contact with water and high humidity. It is suitable for universal applications, including for assembly bonding, furniture making and for all common woods.



Economic efficiency

- ✓ For universal use

Technical

- ✓ Rapid setting
- ✓ Good water resistance
- ✓ Wear category D 3 according to EN 204
- ✓ High final strength
- ✓ Transparent after setting

Environmental

- ✓ Solvent-free – GISCODE D 1
- ✓ Environmentally friendly

Areas of use

- Tongue and groove bonding, e.g. multi-layer parquet, laminate flooring, chipboard
- Bonding of soft, hard and exotic woods

Also suitable for

- Assembly gluing in indoor areas, e.g. dowels, slots and tenons
- Gluing joints, e.g. solid wood, edging
- Surface gluing, e.g. MDF, chipboard

Consumption

Multi-layer parquet/
laminate flooring:
On avg. 15 g/rm
Chipboard
On avg. 30 g/rm

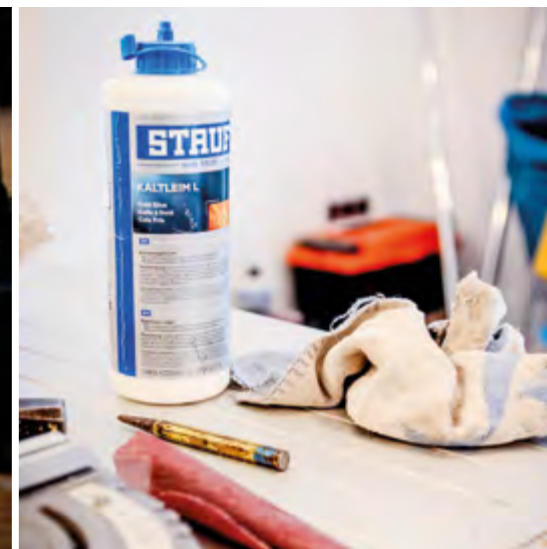
Coverage

On avg. 50 rm
On avg. 25 rm

Article no.
121200

Packaging
750 g plastic bottle

Shipping unit
25 (box), 450 (pallet)



FLOOR COVERING ADHESIVES

Whether in public buildings or large offices: Floor coverings in high traffic areas must be high-performance. Office chairs are moved around, heavy pieces of furniture exert permanent pressure on the subsurface and the high comings and goings of the feet of the public put further demands on the floor. The selection of a suitable floor covering also depends on the type of use of the space concerned. STAUF floor covering adhesives are designed to meet various demands and have specific properties for each situation. In this way our adhesives achieve the best possible bonding with the flooring concerned. They also achieve the best possible results in terms of comfort, price and durability.

Furthermore, STAUF also makes safety a high priority where adhesives for textile and elastic floor coverings are concerned. Our products can also be relied on in humidity or fluctuations in temperature – in hospitals and changing rooms alike. Feel free to contact us to find the right adhesive for your requirements. Together we will create the space for optimum working conditions, for you should have a solid floor under your feet, especially when you are faced with the pressures of your work.

DESIGN FLOORING

Modern design flooring (LVT = luxury vinyl tiles) is versatile, but because of its often very individual construction, it demands the highest precision from the floor layers fitting it. In order to achieve the best results, therefore, particular attention must be paid to the preparation of the subfloor and the adhesion. Only if the subfloor has been prepared to perfection will the desired visual effect be achieved. It is all the more important for the floor layer to be able to rely on the properties claimed by the manufacturer for the materials used. In particular the adhesive system used for this purpose takes on a key function as the link between the floor covering and the subfloor.

Usually, design flooring is delivered in 'planks', 2 to 3 mm thick, consisting of sev-

eral layers. These layers are not tongue and groove connected, nor are they heat-sealed. Therefore, in order to prevent gaps between the individual planks, it is essential to use an adhesive which does what it promises. Moreover, it must be stable in the long term to prevent the potential migration from the PVC floor covering materials. STAUF recommends the D 50 for long-lasting, stable fitting of the wide range of vinyl coverings: the fibre-reinforced dispersion adhesive is ready for use immediately and the fibre reinforcement produces improved dimensional accuracy in comparison with conventional one-side adhesives. In addition, it achieves a good final strength and good wetting of the reverse side of the material.



Dispersion

STAUF D 50

Fibre-reinforced PVC design flooring adhesive for high dimensional consistency

Temperature variations often lead to dimensional changes in the covering. The combination of firm adhesive grooving and permanent fibres creates a very high dimensional stability. This minimises joint formation and deformation in PVC design flooring.



Economic efficiency

- ✓ Very low consumption
- ✓ Very good initial adhesion

Technical

- ✓ Wet-bonding adhesive
- ✓ High dimensional consistency of coverings
- ✓ Very good wetting of coverings
- ✓ High final strength

Environmental

- ✓ Solvent-free – GISCODE D 1
- ✓ Very low emissions – PLUS

Areas of use

- PVC design flooring (LVT)

- Also suitable for
- PVC homogeneous/heterogeneous
 - Quartz-vinyl tiles
 - CV flooring
 - PVC sports flooring for point-elastic and area-elastic constructions

Consumption

TKB A2 On avg. 300 g/m²

Coverage

On avg. 47 m²

Article no.
141060

Packaging
14 kg plastic bucket
5 kg plastic bucket

Shipping unit
33 (box), 100 (pallet)



STAU D 5

Dispersion



Wet-bonding adhesive for efficient and reliable bonding of all common PVC flooring types

STAU D 5 is the reliable option for all common PVC flooring installations. Its very low consumption guarantees efficient projects. The long open time allows flexible, stress-free working.

Economic efficiency

- ✓ Very low consumption
- ✓ Flexible working thanks to long open time
- ✓ Very good initial adhesion

Technical

- ✓ Very high bond strength
- ✓ Good wetting of coverings
- ✓ High final strength
- ✓ High dimensional stability

Environmental

- ✓ Solvent-free – GISCODE D 1
- ✓ Very low emissions – PLUS

Areas of use

- PVC homogeneous/heterogeneous
- Quartz-vinyl tiles
- CV flooring

- Also suitable for
- PVC design flooring (LVT)
 - PVC sports flooring for point-elastic and area-elastic constructions

Consumption

TKB A2 On avg. 300 g/m²

Coverage

On avg. 47 m²

Article no.
141330

Packaging
14 kg plastic bucket

Shipping unit
33 (pallet)



TIPS & TRICKS

FROM STAUF TECHNICAL SERVICE

Fibre-reinforced wet-bed adhesives are optimal in terms of dimensional stability and bonding for design flooring (LVT).

However, for complicated geometric installation patterns a pressure-sensitive adhesive can also be advantageous.

Dispersion

STAU D 8



Time-saving and dimensionally consistent bonding of linoleum, textile flooring and cork

STAU D 8 counteracts the shrinkage of linoleum and textile flooring thanks to its hard-elastic adhesive grooving. The good initial adhesion facilitates the fitting of stubborn coverings.

Economic efficiency

- ✓ Short flash time allows time-saving work
- ✓ Very strong initial adhesion

Technical

- ✓ Excellent thread formation
- ✓ Very good wetting
- ✓ High dimensional consistency
- ✓ Wet-bonding adhesive

Environmental

- ✓ Solvent-free – GISCODE D 1
- ✓ Very low emissions – PLUS

Areas of use

- Linoleum in sheets/tiles with a thickness of up to 4 mm
- Needle fleece
- Kugelgarn®

- Also suitable for
- Fitted carpets with synthetic double backing
 - Various sports flooring, e.g. in tennis halls
 - homogeneous cork, polished, unfinished surface, max. 600 x 600 mm up to 6mm thickness

Consumption

TKB A2 On avg. 325 g/m²
TKB B1 On avg. 400 g/m²

Coverage

On avg. 43 m²
On avg. 35 m²

Article no.
141360

Packaging
14 kg plastic bucket

Shipping unit
33 (pallet)



Dispersion

STAU D 11

Reliable and dimensionally consistent bonding of textile flooring

STAU D 11 is especially suitable for textile flooring in areas with heavy use. The adhesive reduces seam shrinkage in coverings. The excellent initial adhesion enables quick use in the building.



Economic efficiency

- ✓ Optimum open time

Technical

- ✓ Minimises seam shrinkage
- ✓ Rapid setting
- ✓ Wet-bonding adhesive

Environmental

- ✓ Solvent-free – GISCODE D 1
- ✓ Very low emissions – PLUS

Areas of use

- Kugelgarn®
- Needle fleece
- Fitted carpets with synthetic double backing
- Tufted carpet with fleece or foam backing

- Also suitable for
- Woven flooring, coconut fibre/sisal latex coated
 - Textile sports flooring for point-elastic and area-elastic constructions

Consumption

TKB A2 On avg. 325 g/m²
TKB B1 On avg. 400 g/m²

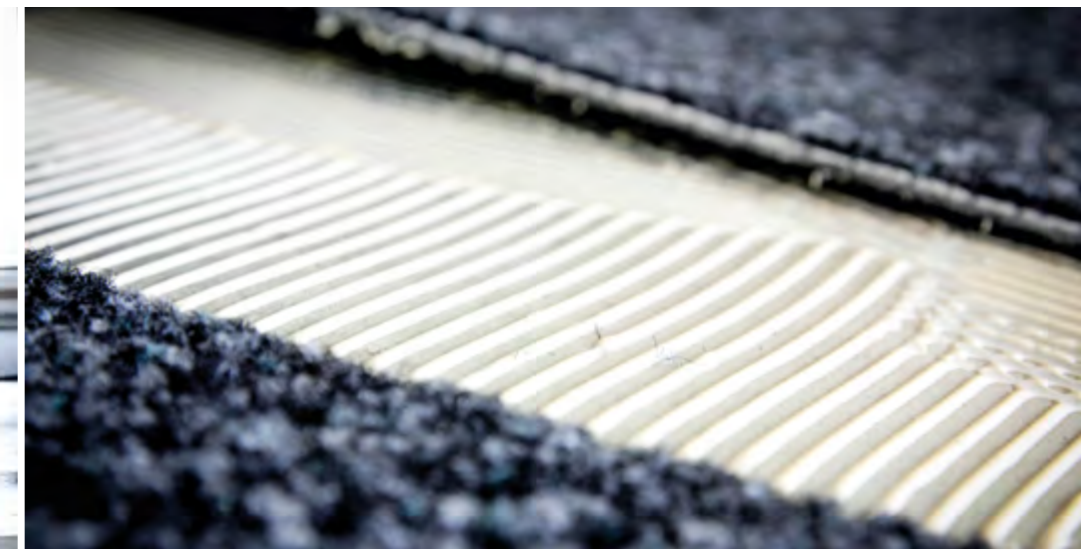
Coverage

On avg. 43 m²
On avg. 35 m²

Article no.
141250

Packaging
14 kg plastic bucket

Shipping unit
33 (pallet)



STAU D 37

Dispersion



Universal wet-bonding, impact and contact adhesive for all common floor coverings

STAU D 37 is suitable for all common types of floor covering and all typical applications. It can be used as a wet-bonding, impact and contact adhesive. Its extremely low consumption ensures efficient working.

Economic efficiency

- ✓ For universal use
- ✓ Very low consumption
- ✓ Flexible working due to particularly long open time

Technical

- ✓ Very good initial adhesion
- ✓ Very good long tack
- ✓ Very good impact-adhesion properties
- ✓ Very good wetting of coverings

Environmental

- ✓ Solvent-free – GISCODE D 1
- ✓ Very low emissions – PLUS

Areas of use

- PVC homogeneous/heterogeneous
- Quartz-vinyl tiles
- Woven flooring, coconut fibre/sisal latex coated
- Fitted carpets with synthetic double backing
- Tufted carpet with fleece or foam backing
- CV flooring

- Also suitable for
- PVC design flooring (LVT)
 - Rubber flooring with smooth, sanded backing up to 2.5 mm thick
 - Direct impact bonding on STAU VEP 195 (following consultation with STAU's Technical Service department)
 - Contact bonding, e.g. stairs

Consumption

TKB A2	On avg. 275 g/m ²
TKB B1	On avg. 325 g/m ²
TKB A4	On avg. 200 g/m ²
Roll	On avg. 240 g/m ²

Coverage

On avg. 51 m ² (14 kg)
On avg. 43 m ² (14 kg)
On avg. 70 m ² (14 kg)
On avg. 58 m ² (14 kg)

Article no.
141070

Packaging
14 kg plastic bucket
5 kg plastic bucket

Shipping unit
33 (pallet)
100 (pallet)



STAU D 20

Dispersion



Universal wet-bonding adhesive for all common floor coverings

STAU D 20 is suitable for all common types of floor covering. Its excellent initial adhesion holds the covering in the correct position securely, right from the word go. The long open time allows for flexible working. Thanks to its excellent wetting properties, it allows permanent, reliable bonding – even of rubber flooring and linoleum.

Economic efficiency

- ✓ For universal use
- ✓ Flexible working thanks to long open time

Technical

- ✓ Very good wetting
- ✓ Very good initial adhesion
- ✓ High dimensional consistency
- ✓ High final strength

Environmental

- ✓ Solvent-free – GISCODE D 1
- ✓ Very low emissions – PLUS

Areas of use

- Rubber flooring with smooth, sanded backing up to 4.0 mm thick
- PVC homogeneous/heterogeneous
- Woven flooring, coconut fibre/sisal latex coated
- Quartz-vinyl tiles
- Fitted carpets with synthetic double backing
- Tufted carpet with fleece or foam backing
- CV flooring

- Also suitable for
- Needle fleece
 - Kugelgarn®
 - PVC design flooring (LVT)
 - Linoleum
 - Various sports flooring, e.g. in tennis halls

Consumption

TKB A2	On avg. 300 g/m ²
TKB B1	On avg. 400 g/m ²

Coverage

On avg. 47 m ²
On avg. 35 m ²

Article no.
141390

Packaging
14 kg plastic bucket

Shipping unit
33 (pallet)



Dispersion

STAU D 6

Wet-bonding adhesive for standard PVC, CV and textile flooring in professional applications

STAU D 6 is a wet-bonding adhesive that can be used for many standard types of flooring. Its short flash time allows the user to work quickly in professional applications. The high final strength delivers reliable flooring-installation results.



Economic efficiency

- ✓ Product suitable for universal use

Technical

- ✓ Rapid setting
- ✓ Very easy to spread
- ✓ High dimensional consistency
- ✓ High final strength

Environmental

- ✓ Solvent-free – GISCODE D 1
- ✓ Very low emissions – PLUS

Areas of use

- PVC homogeneous/heterogeneous
- Tufted carpet with fleece or foam backing
- Quartz-vinyl tiles
- CV flooring

- Also suitable for
- Fitted carpets with synthetic double backing

Consumption

TKB A2	On avg. 325 g/m ²
TKB B1	On avg. 400 g/m ²

Coverage

On avg. 46 m ² (15 kg)
On avg. 37.5 m ² (15 kg)

Article no.
141180

Packaging
15 kg plastic bucket

Shipping unit
33 (pallet)



Two-component polyurethanes

STAU R 105

Reliable bonding of rubber flooring and PVC for extreme loads

STAU R 105 is the problem-solver for coverings that are exposed to heavy loads, high levels of moisture and wide temperature variations. The extremely strong adhesion after setting means it can be combined with most coverings. Its very rigid adhesive grooving supports the dimensional consistency of coverings and minimises seam shrinkage.



Economic efficiency

- ✓ Suitable for a very wide range of applications

Technical

- ✓ Withstands extreme loads
- ✓ Heat and cold-resistant
- ✓ Moisture-resistant
- ✓ Also suitable for outdoor use
- ✓ Extreme dimensional consistency of the covering thanks to rigid adhesive grooving
- ✓ Extremely high final strength

Environmental

- ✓ Solvent-free – GISCODE RU 1
- ✓ Very low emissions – PLUS

Areas of use

- Coverings with smooth backing
- Rubber flooring
- PVC homogeneous/heterogeneous, e.g. hospitals
- Elastic flooring in heavy-duty applications, e.g. industrial buildings
- PVC design flooring (LVT)

- Also suitable for
- Rubber-granulate flooring, e.g. running tracks, STAU underlays
 - Quartz-vinyl tiles
 - Elastic sports flooring for point-elastic and area-elastic constructions, e.g. sports halls

Consumption

TKB A2	On avg. 400 g/m ²
TKB B1	On avg. 600 g/m ²
TKB B7	On avg. 1,100 g/m ²

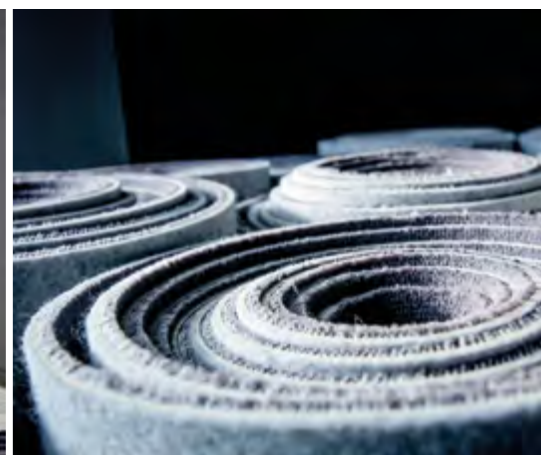
Coverage

On avg. 20 m ²
On avg. 13 m ²
On avg. 7 m ²

Article no.
124320

Packaging
6.9 kg plastic bucket
0.89 kg plastic bottle

Shipping unit
65 (pallet)



STAU D 3-L

Dispersion



Reliable conductive bonding in rooms with electronics and explosion hazards

STAU D 3-L can be used in combination with copper strip to create a conductive floor construction. This delivers safety and protection against accidents due to explosions and against damage to electric equipment. Thanks to its good wetting properties, it allows permanent, reliable bonding of conductive flooring.

Economic efficiency ✓ For universal use ✓ Ready to use ✓ No conductive undercoat needed	Technical ✓ High dimensional consistency ✓ Rapid setting ✓ Very good wetting properties ✓ Wet-bonding adhesive ✓ Fibre-free ✓ Bleeder resistance <math>< 3 \times 10^5 \Omega</math>	Environmental ✓ Solvent-free – GISCODE D 1 ✓ Very low emissions – PLUS
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Areas of use • Laboratories and ESD areas • Rubber flooring with smooth, sanded backing up to 4 mm thick • Linoleum in sheets/tiles with a thickness of up to 4 mm • PVC homogeneous/heterogeneous, quartz-vinyl tiles • Fitted carpets with synthetic double backing • Tufted carpet with fleece or foam backing • Needle fleece	Also suitable for • Self-laying carpet tiles	Consumption TKB A2 On avg. 300 g/m ² TKB B1 On avg. 400 g/m ²	Coverage On avg. 47 m ² On avg. 35 m ²
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Article no. 141020	Packaging 14 kg plastic bucket	Shipping unit 33 (pallet)	
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Dispersion

STAU CT FIX

Fix textile, PVC and CV flooring in place with strong adhesion

The STAU CT FIX universal fixative has good adhesion and is particularly suitable for CV and textile coverings in residential areas as well as self-laying carpet tiles in buildings. Many coverings can be permanently fixed due to its good adhesive strength.



Economic efficiency ✓ Low consumption ✓ Easy to remove	Technical ✓ Permanently sticky adhesive film ✓ Suitable for many types of covering ✓ Very good initial adhesion ✓ Very easy to roll out	Environmental ✓ Solvent-free – GISCODE D 1 ✓ Very low emissions – PLUS
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Areas of use • Areas that are to be renovated frequently, e.g. (rented) apartments, hotels, etc. • CV flooring • PVC flooring • Tufted carpet with fleece or foam backing	Also suitable for • Self-laying carpet tiles	Consumption Roll On avg. 100 g/m ²	Coverage On avg. 250 m ² (25 kg) On avg. 100 m ² (10 kg) On avg. 50 m ² (5 kg)
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Article no. 141120	Packaging 25 kg plastic canister 10 kg plastic canister 5 kg plastic canister	Shipping unit 24 (pallet) 60 (pallet) 120 (pallet)	
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Dispersion

STAU D 70

Reliable securing of self-laying carpet tiles

STAU D 70 tile slip stop allows quick and tidy flooring installation of SL carpet tiles in professional applications. It is ideally suited to offices that are subject to heavy use. The permanent tack allows easy replacement of damaged tiles.



Economic efficiency ✓ Very low consumption ✓ Tiles can be changed easily	Technical ✓ Permanently sticky adhesive film ✓ Tile slip stop ✓ Very easy to roll out	Environmental ✓ Solvent-free – GISCODE D 1 ✓ Very low emissions – PLUS
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Areas of use • Self-laying carpet tiles	Consumption Roll On avg. 75 g/m ²	Coverage On avg. 133 m ²
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Article no. 141080	Packaging 10 kg plastic canister	Shipping unit 60 (pallet)	
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NEW

OUR ADHESIVE FOR SPC

High initial tack

Less impact sound

Heat. Humidity. Stable

Notched trowel No. 2
see notched trowels p. 50 onwards

Cleaning wipes
see Accessories, p. 52

Copper strip
see Accessories, p. 52

Notched trowel No. 1
see notched trowels p. 50 onwards

FOR QUICK WORK

—

OUR ACCESSORIES

MOUNTING ADHESIVES

The time factor in particular plays an important role in repairs and mounting work. Even heavy work-pieces should hold from the start and the adhesive used should dry as quickly as possible. STAUf mounting adhesives are extremely easy to apply, are economical to use have excellent holding properties, both at the beginning of a job and in the finish.

They can also be used for fixing, repairing and assembly. Our products have been adapted to a variety of subsurfaces and substrates. The individual adhesives have been specially adapted to produce excellent fixing qualities on the most varied of subsurfaces. Thus, you can ensure a reliable hold with glass or mineral fibre plates, panels or skirting board made from PVC or wood. Even stonework and bricks, once

bonded, stay exactly where they were placed – in total safety. Furthermore, we have developed individual solutions for wood, cement, metal and solvent-resistant foam. Our adhesives are known for powerful, consistent, flexible glued joints, good resistance to temperature and for being easy to work with. Our adhesives make it possible to work with almost any surface and material – you can't find anything more secure.

Our construction and repair adhesives are graded for you in accordance with the GISCODE: This voluntary classification system has been agreed by the product manufacturers and the Institutions for Statutory Accident Insurance and Prevention in the Building Trade (GISBAU) and is part of health and safety at work.

STAUf EXTREME TACK

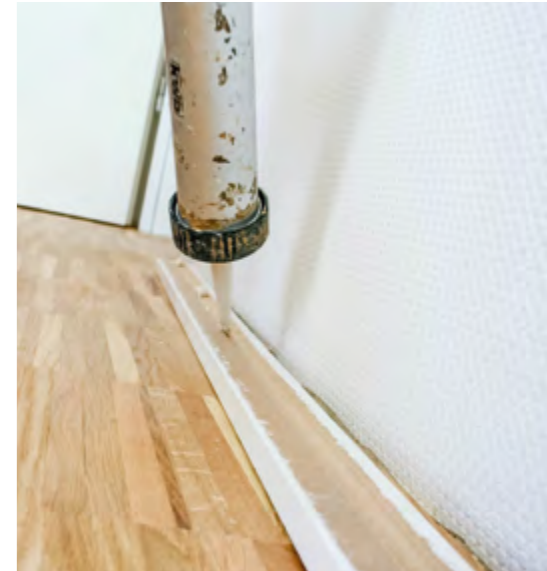
Defy gravity – STAUf EXTREME TACK makes it possible. Thanks to this all-rounder for interior fitting, even really heavy weights remain exactly where they belong, even on the ceiling.

This adhesive allows extreme immediate adhesion of more than 200 kg/m² in overall bonding. You have two options in applying it. You can take STAUf EXTREME TACK smoothly from the 3.5 kilo containers and apply it with a trowel or you resort to the handy cartridge. Whichever method you choose: you can rely on STAUf EXTREME TACK to adhere firmly from the start.

With this low-emission, almost odour-free adhesive, bonding a wide variety of materi-

als on wood, concrete walls, concrete ceilings and on stone work presents no problem. It also makes the mounting skirting boards and decorative trims, clinker bricks and other bricks trouble-free. Once it has been applied, you still have a few minutes to make corrections before the adhesive gradually reaches its extreme final strength.

STAUf EXTREME TACK is stable and does not drip, even on the ceiling. Once hardened, the adhesive can also be painted. Furthermore, thanks to the short drying time you achieve fast results in your work, on which you can rely.



Dispersion

STAUf EXTREME TACK

High-performance mounting adhesive with extreme initial adhesion of more than 200 kg/m²

STAUf EXTREME TACK mounting adhesive is a stable paste with extremely strong initial adhesion for a wide range of attachment work. For application on all absorbent subsurfaces on floors, walls and ceilings in indoor areas. Especially suitable for the time-saving installation of ceiling tiles.



Economic efficiency

- ✓ Achieves maximum final strength
- ✓ Ready to use
- ✓ No flash time
- ✓ Can be painted over once hardened

Technical

- ✓ Paste-like; levels out uneven surfaces
- ✓ Can be corrected a few minutes after application
- ✓ Very good initial adhesion of more than 200 kg/m² with full spread bonding

Environmental

- ✓ Solvent-free – GISCODE D1
- ✓ Odour-neutral after setting
- ✓ Very low emissions – PLUS

Areas of use and substrates

- Insulation panels made of glass, wood or mineral fibres
- Styrofoam® and rigid PU foam, e.g. insulating materials, ornamental beams, decorative and acoustic boarding
- Timber and rigid PVC, e.g. skirting, profile strips, trim mouldings, cable ducts, smoke detectors
- Timber, e.g. panels (timber-backed)
- Stone, e.g. clinker and bricks

Also suitable for
▪ Repairing parquet

Consumption

Depending on the material to be bonded

Article no.
121810

Packaging
9 kg plastic bucket
310 ml plastic cartridge

Shipping unit
65 (pallet)
12 (box), 1200 (pallet)



STAU REPACOLL S

Silane-terminated polyurethanes



Strong-bonding mounting and repair adhesive

Its extremely fast setting, combined with high suction adhesion, and outstanding adhesion to all absorbent and non-absorbent materials such as wood, plastics, plaster, concrete or metal, make STAU REPACOLL S a powerful all-rounder for fixing and repair work on floors, walls and ceilings indoors.

Economic efficiency

- ✓ For universal use
- ✓ Extremely fast setting
- ✓ High suction adhesion

Technical

- ✓ Very good adhesion on various materials
- ✓ Low shrinkage
- ✓ Stable paste

Environmental

- ✓ Solvent-free – GISCODE RS 10
- ✓ Very low emissions – PLUS

Areas of use and substrates

- Timber and rigid PVC, e.g. boards and rigid profile strips, skirting, nailing strips and trim mouldings
- Plastics and metals, e.g. window sills, membrane sheets and thresholds
- Insulation panels and acoustic boards, e.g. made of foam, plasterboard or glass and mineral fibres
- Concrete and ceramic coverings, e.g. aerated concrete, concrete bricks and ceramic tiles
- Bonding parquet during repairs

Article no.	Packaging	Shipping unit
126200	310 ml cartridge	12 (box), 1200 (pallet)



Polychloroprenes

STAU F 90 AF

Easy-to-spread surface contact adhesive with strong initial adhesion

STAU F 90 AF rapidly develops a high degree of strength even in unfavourable climatic conditions, and loads can be applied immediately. It is especially suited to contact bonding with very high initial strength, e.g. for metals, and can also be applied to a single side, without flash-off, in the case of absorbent materials such as leather or textiles.



Economic efficiency

- ✓ Rapid grab
- ✓ Can be loaded immediately
- ✓ Very easy to spread

Technical

- ✓ Very high bond strength
- ✓ Good immediate strength
- ✓ High dimensional consistency

Environmental

- ✓ Toluene-free
- ✓ Solvent-bearing – GISCODE S1

Areas of use and substrates

- PVC coverings on floors and adjacent areas, e.g. seat bases, wheel housings
- Rubber, leather, felt, insulating materials and solvent-resistant foams
- Timber, e.g. chipboard, plywood or hardboard
- Metal, e.g. uncoated, primed and enamelled sheet
- Cover and separator profiles with high restoring forces, e.g. strips

Consumption

TKB A4 On avg. 300 g/m²

Coverage

On avg. 33 m²

Article no.	Packaging	Shipping unit
142050	5 kg metal bucket	90 (pallet)

Polychloroprenes

STAU EXTRA AF

Contact assembly adhesive with fast flash-off and extra-high bond strength

STAU EXTRA AF rapidly develops a high degree of strength even in unfavourable climatic conditions, has a long contact-bonding phase, and can be loaded immediately. It is therefore especially suited to mounting nosings, cover and separator profiles, profile strips, skirting, plaster stops and floor coverings on stairs.



Economic efficiency

- ✓ Rapid grab
- ✓ Can be loaded immediately
- ✓ Versatile applications

Technical

- ✓ Very high bond strength
- ✓ High dimensional consistency
- ✓ Resistant to ageing
- ✓ High viscosity, therefore suitable for brush application

Environmental

- ✓ Toluene-free
- ✓ Solvent-bearing – GISCODE S1

Areas of use and substrates

- Textile and PVC coverings on floors and adjacent areas, e.g. on stairs, walls and ceilings
- Nosings, profile strips and plaster stops made of PVC, rubber or metal

Consumption

TKB A4 On avg. 300 g/m²

Coverage

On avg. 14 m²

Article no.	Packaging	Shipping unit
122300	4.3 kg metal bucket	60 (pallet)



STAU D 22 HV

Dispersion



Universal wall covering adhesive for all common elastic and textile coverings

STAU D 22 HV is a viscous wall covering adhesive with rapid initial adhesion combined with very good adhesion development for all common elastic and textile coverings in domestic, commercial and industrial settings.

Economic efficiency

- ✓ For universal use
- ✓ Low dripping

Technical

- ✓ High viscosity
- ✓ Very strong initial adhesion
- ✓ Resistant to ageing
- ✓ Very strong initial adhesion
- ✓ Rapid setting

Environmental

- ✓ Solvent-free – GISCODE D 1
- ✓ Very low emissions

Areas of use

- CV flooring
- PVC homogeneous/heterogeneous, quartz-vinyl tiles
- Fitted carpets with synthetic double backing
- Tufted carpet with fleece or foam backing
- Woven flooring, coconut fibre/sisal latex coated

Consumption

TKB A2	On avg. 350 g/m ²
TKB B1	On avg. 400 g/m ²

Coverage

On avg. 42 m ²
On avg. 37 m ²

Article no.
141200

Packaging
15 kg plastic bucket

Shipping unit
33 (pallet)



LAYING DESIGN FLOORING IN THE BERLIN COMPLEX

Project report for quadrangle complex in Berlin-Steglitz

The skips and building materials in the quadrangle between Forststraße, Buggestraße, Björnsonstraße and Opitzstraße in the Steglitz district of Berlin are gradually disappearing under a decorative layer of autumn leaves that float down noiselessly from above. Indoors, though, it's a hive of activity: two of the 23 flats here that have been undergoing extensive renovation since June 2021 are reverberating to the sound of the flex milling machine, single-disc grinders and vacuum cleaners that are working their magic on this sunny day in November. The various trades are losing no time in getting down to work on the building site. Painters, electricians, plumbers and floor layers are having to coordinate their work so as to avoid treading on each other's toes during the final spurt. Delays and delivery constraints rooted in the coronavirus pandemic have repeatedly led to setbacks in the work schedule. A total of 2,200 square metres of living space is undergoing modernisation on behalf of HERON Bau- und Objektmanagement GmbH – with flat sizes varying from 34 to 178 square metres.

under parquet or elastic or textile flooring. It is then the turn of the self-levelling filler STAUF XP 10. This compound is mixed with water in a clean bucket until a homogeneous mixture is obtained and is then spread evenly over the surface.

Sealing screed joints with casting resin

Right now, the crew from Schulze Fußboden-Centrum in Neukirchen/Pleisse is busy preparing the subfloor for laying the designer flooring. The cement screed with its underfloor heating is sanded, brushed and thoroughly hoovered before the screed joints and transverse grooves, which are reinforced with corrugated joint connectors, can be sealed with casting resins. The fast-curing STAUF SGH 50 two-component silicate casting resin is just the job for ensuring force-fit cohesion.

STAU D 54: Low consumption for large area use

When it comes to applying the priming layer, the floor and parquet layers Jürgen Pflug, Vasile Hanarec and Benjamin Gerhardt, aided and abetted by helper Malte Schulze, start by reaching for STAUF D 54: this adhesive and primer concentrate boasts excellent coverage and is quick-drying to boot – important properties when large areas and tight schedules are the order of the day. STAUF D 54 is also a good choice if the aim is not just to pay lip service to occupational safety and healthy living – after all, this concentrate is solvent-free, and having been awarded the GEV-EMICODE® EC1^{PLUS} is very low-emission. Any larger areas of unevenness in the screed are then pre-filled with STAUF RM: this stable, cement-based levelling compound is used

Long open time for design flooring

When it comes to laying the Creation 30 design flooring from Gerflor, the specialists opt for STAUF D 37 – a very high-yield, dispersion-based flooring, wet-bed and contact adhesive that stands out with its particularly long open time with a tack phase, combined with excellent initial adhesion. Some 24 hours later, the floor is ready for use – and work can now continue on the final spurt at this building site.



TIPS & TRICKS

FROM STAUF TECHNICAL SERVICE

Small cavities can be fixed by injecting a repair resin. After injecting these adhesives, the floor is considered free of defects.

TOOLS AND ACCESSORIES

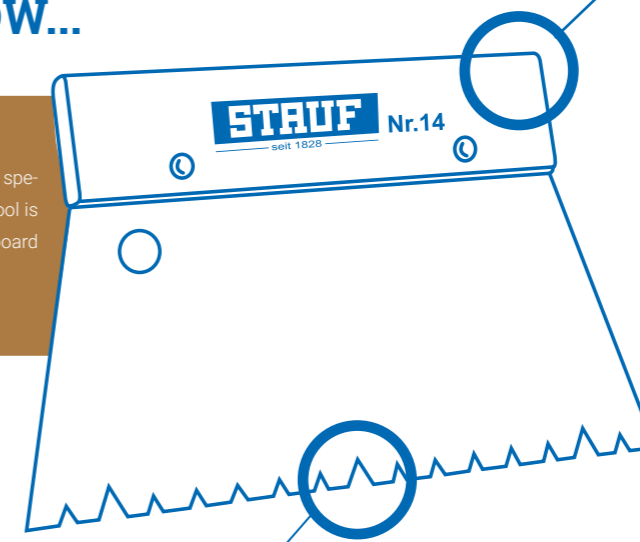
To achieve the best results, a workman must be able to rely on his tools – the quality of the work also depends on the materials available. We know this only too well. This is why our experienced technical staff test the STAUF tools and accessories range for you beforehand, so that you get the best use from the products, based on your experience and ours. We spend a lot of our time on this so that you don't waste yours. We are totally familiar with the properties of our products and know how to use them quickly and efficiently to give the best results. Therefore we only offer products which we can say with certainty and conviction that they will make your work easier.

Our range of tools and accessories are the perfect addition to the tools at your workplace – so you can get started straight away. Our range includes special tools for spreading levelling compounds, adhesives and primers. We stock our notched trowels and spatulas in various sizes and for very different purposes. We also stock the accessories needed to process multi-component products and have collated a range of highly functional work clothing. And, for particularly ergonomic working, we offer you a battery-powered adhesive spreader machine.

GOOD TO KNOW...

No. 14

Notched trowel No. 14: With STAUF's specially developed triple tothing, this tool is suitable for bonding large-format board elements and panel parquet.



HANDLE

Robust handle made from high-quality beech for a unique, natural feel.

TOOTHING

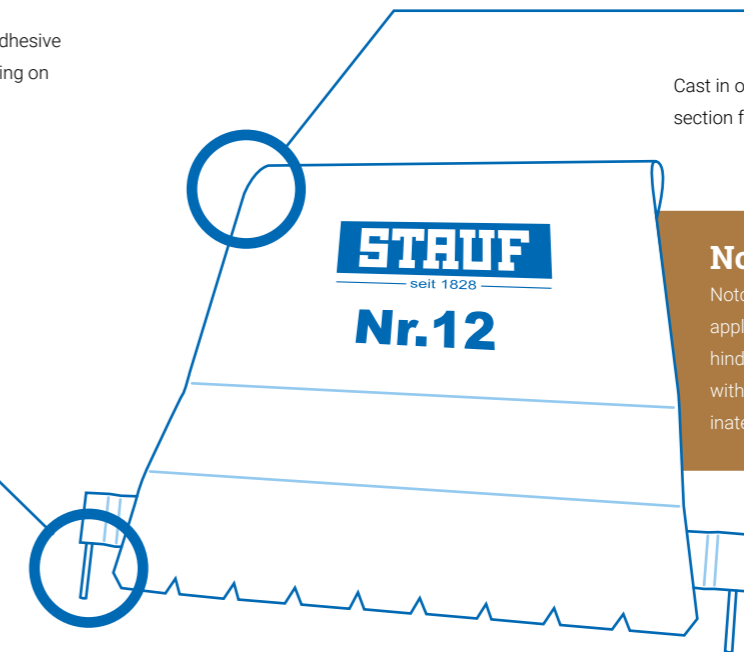
Extra-deep teeth for even more intelligent adhesive application. This further ensures good wetting on large-format board elements.

MATERIAL

Cast in one piece from aluminium, with a rounded section for an ergonomic handle and comfortable working.

SPECIAL PIN

Special stainless-steel pins for uniform application of the vapour barrier.



No. 12

Notched trowel No. 12: As the adhesive is applied, the tool simultaneously leaves behind a vapour barrier on cement screeds with residual moisture content. This eliminates one process and saves you time.

STAUF TROWELS AND SPATULAS

Subsurface and especially top covering need the correct adhesive-spreading notched trowels. Various types of tothing are used on spatulas and trowels, and the tothing has an effect on the amount of adhesive spread. Ideal wetting depends on subsurface and top covering. As well as the usual tothing in accordance with TKB (Technical Commission for Construction Adhesives), we recommend the special tothing developed by us – these are one step ahead of the current technical state of the art.



Current and historical STAUF notched trowels

STAUF Notched Trowel No. 1 (TKB A2)



Bonding of elastic and textile flooring

a = 1.4 mm b = 1.7 mm c = 1.3 mm

Article no. | 160010



STAUF Notched Trowel No. 2 (TKB B1)



Bonding of textile flooring and linoleum

a = 2.0 mm b = 2.4 mm c = 2.6 mm

Article no. | 160020



STAUF Notched Trowel No. 3 (TKB B7)



Bonding of mosaic parquet and pre-finished mosaic parquet

a = 3.9 mm b = 3.6 mm c = 4.4 mm

Article no. | 160030



STAUF Notched Trowel No. 4 (TKB B15)



Bonding of wood-block flooring, vertical-finger parquet, strip parquet and boards

a = 6.3 mm b = 5.6 mm c = 6.9 mm

Article no. | 160040



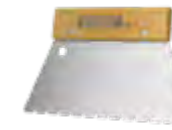
STAUF Notched Trowel No. 5 (TKB B9)



Bonding of multi-layer parquet, multi-layer boards and lamparquet

a = 5.0 mm b = 6.1 mm c = 9.9 mm

Article no. | 160050



STAUF Notched Trowel No. 12



Bonding on cement screeds and concrete floors with residual moisture

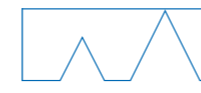
content

a = 5.15 mm b = 5.7 mm c = 14.3 mm

Article no. | 160120



STAUF Notched Trowel No. 14



For bonding large-format board elements and panel parquet

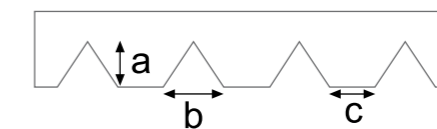
a = 6.5 mm b = 6.33 mm c = 6.36 mm

3 x a = 10.23 mm b = 10.19 mm

Article no. | 160140



- (a) Notch depth
- (b) Notch width
- (c) Notch spacing



TIPS & TRICKS
FROM STAUF TECHNICAL SERVICE

Different coverings need different adhesive application quantities, and thus different sizes of notched trowel with high or low tooth sizes are also needed.



ACCESSORIES



EXPANSION STRIPS

Expansion strips, width 50 mm
Self-adhesive expansion strips, 50 mm high/5 mm thick/20 m long, made of polyethylene foam.

ARTICLE NO.
110310



MIXING BUCKET 10 L

Ideal for mixing levelling compounds.
Transparent with scale for STAUF levelling compounds.

ARTICLE NO.
192312



MIXING BUCKET 30 L

Ideal for mixing levelling compounds.

ARTICLE NO.
160245



COPPER STRIP

Self-adhesive copper tape for conductive bonding (20 metre roll, with a width of 10 mm).

ARTICLE NO.
110610



SPECIAL CLEANER 750 ML

Gentle ethanol-based stain removal.

ARTICLE NO.
152000



CLEANING WIPES

For the removal of fresh or not yet completely hardened adhesive residues (SMP, SPU and PU adhesives).

70 pcs. 30x27.5 cm

ARTICLE NO.
160791

WORK CLOTHING



WORK TROUSERS

High-quality Engelbert Strauss work trousers (65% polyester, 35% cotton), breathable and very durable, with side pockets, a patch pocket for a carpenter's gauge, and pockets for inserting knee pads.
With STAUF logo

ARTICLE NO.
066160 48
066161 50
066162 52
066163 54
066164 56



T-SHIRT

High-quality cotton T-shirt with STAUF logo.

ARTICLE NO.
061160 M
061170 L
061180 XL
061190 XXL



SOFTSHELL JACKET

A windproof, water-repellent and breathable Engelbert Strauss jacket with two zip pockets on the sides and a breast pocket. Waistband size adjustment with drawstring, STAUF logo on arm and back.
Outer shell: 100% polyester.

ARTICLE NO.
066230 M
066240 L
066250 XL
066260 XXL



FLEECE JACKET

Lightweight, warming and breathable Engelbert Strauss fleece jacket with two zipped side pockets, two large inside pockets and STAUF logo on arm and back.
Outer shell: 100% polyester.

ARTICLE NO.
066400 S
066410 M
066420 L
066430 XL
066440 XXL

Stylish sophistication in wood: Chevron parquet flooring for exclusive suites in the Black Forest

Luxury meets precision: A project for real parquet flooring professionals

A renowned first-class hotel situated in the Black Forest is setting new standards when it comes to luxury and design. In the course of extensive refurbishment work, an exclusive suite area comprising eleven luxury units is being created on the top floor. This redesign calls not only for architectural finesse but also for the use of first-rate materials. A central element is the floor: exquisite chevron parquet made from cream-white oiled oak is being laid over an area of 650 square metres. The realisation of this ambitious project lies in the hands of the specialists from the company Franz Parkett.

Demanding installation for top quality

Completing the laying process during day-to-day hotel operation poses its own particular challenges. "The work must not be allowed to disturb normal hotel running. That's why the machines only start up after nine o'clock in the morning," explains Martin Leidig, an experienced parquet flooring layer at Parkett-Franz GmbH. The traditional company has been crafting wood plank and parquet flooring at their company at Rot am See since the year 1920. This is also where the oak parquet to be laid in the suites is being sourced from.

The finished suites, and what they will actually look like, can only be conjured up in the mind's eye at this stage – but once you set foot in the suites it quickly becomes clear that guests will want for nothing in respect of comfort and well-being. Modern technology and exquisite materials are doing their utmost to ensure that this is the case. It goes without saying that the floor, too, will be called to meet exacting demands concerning both quality and visual impact. A total area of 650 square metres will therefore be laid in a classic chevron pattern using exquisite two-layer oak parquet with a cream-white oiled surface. As experts well know, a chevron pattern calls for precise craftsmanship. Even the smallest unevenness will show up

as a visible difference. That's why precise examination and preparation of the subfloor is decisive for achieving a professional result. The newly laid screed with underfloor heating was initially treated with the solvent-free dispersion primer STAUF VDP 130 and then levelled with the low-dust premium levelling compound STAUF XP 20. Uneven irregularities at transitions to stone floors were evened out with the cement-based levelling compound STAUF RM, while individual areas prone to sanding required pre-treatment with the PU primer STAUF VPU 155 S.

Professional chevron installation with proven materials

The professionals from Franz Parkett work under pressure. As soon as the floor has been oiled and removed, it is carefully covered. This allows the trades that follow to start directly, without damaging the floor. After all, there's no room for delays. That's why the floor layers rely on the proven products from STAUF.

This experienced team lays the exclusive oak parquet swiftly and expertly with the single-component premium parquet adhesive SPU 570. Why was it decided to opt for this shear-resistant SPU adhe-

sive? Coupled with a very good ridge formation and a long open time, this water-free adhesive enables precise and reliable installation. And that's not all – the high shear strength of the STAUF SPU 570 while laying the chevron pattern played a decisive role. Lastly, the excellent initial adhesion prevents the herringbone plait from moving, while the ideal residual elasticity assures a reliable connection with the subfloor – even if the ambient climate fluctuates, an ideal chevron installation pattern is assured.

What's more, the adhesive is particularly easy to spread. Its isocyanate-free and solvent-free formulation meets the strict requirements of the EMICODE 1 Plus seal for low-emission interiors, thus achieving an additional comfort criterion for future guests.

The result:

A floor that underlines the character of the luxury suites with its natural elegance and precise workmanship. The chevron parquet from Franz Parkett, laid with the premium products from STAUF, creates an ambience that meets the highest aesthetic and functional requirements – a decisive contribution to the exclusiveness of these hotel rooms.



KEY TO ICONS

SUITABILITY



Suitable for chair rollers



Suitable for sub-floor heating systems



Conductive

APPROVALS/REGISTRATIONS



General building authority approval by the Deutsches Institut für Bautechnik (German Institute for Civil Engineering (DIBt))



Applies to building materials sold on the French market. The tests are based on ISO 16000 – which corresponds to the testing basis of the German Institute for Civil Engineering (DIBt).



Unique formulation identifier code to be indicated on the labels of products if they contain a hazardous mixture.



Internationally, the most important and best-known system for classification of emissions behaviour for flooring installation products, adhesives and building materials.



The product's distributor has committed to participating in the 'Interseroh Dual System' (DSI). This means that the manufacturer agrees to make a licence payment for the subsequent disposal of the packaging to cover the costs of disposal.



The CE mark is an indication that a product has been tested by the manufacturer and that it meets all EU-wide requirements for safety, health protection and environmental protection.

GISCODE



Solvent-free dispersion installation products



Compound, based on calcium sulphate



Epoxy resin products, solvent-free, sensitising



Installation products, methoxysilane-containing



Epoxy resin products, sensitising, total solid, non-sensitising aqueous hardener



Products containing cement, low in chromate



Solvent-free polyurethane installation products



Installation products, high in solvents, aromatic-free and methanol-free



Epoxy resin products, sensitising, total solid

OUR TECHNOLOGIES

DISPERSION

Dispersion adhesives and primers are based on polymers which are finely distributed in water. Curing takes place as the water evaporates, which is why dispersion adhesives require an absorbent surface. During the curing process, a stable adhesive film is formed. Where wood species, such as beech, maple or ash, are prone to swelling, undesirable deformation of the material may occur. Dispersion adhesives are particularly suitable for bonding dimensionally stable and small format wood flooring. Since they are solvent-free and hazard-free, they are ideal.

SOLVENTS

Solvent based adhesives contain dissolved resins or rubber which harden through the evaporation of the solvent. The solvent content can amount to up to 90% and is released into the environment during the application process. This can have a negative impact both on health and the quality of the ambient air. Flammability is also a factor that must be taken into account. For this reason, solvent-free alternatives are generally preferred.

REACTION RESINS

Reaction resins harden through a chemical reaction – regardless of whether they contain a reactive resin or a condensation resin. Curing takes place without external factors such as the humidity or the absorbency of the substrate. This results in durable, high-strength bonds that perform reliably even on difficult substrates and with sensitive types of wood. Their versatility and performance make them the preferred choice for the most demanding applications.

Reactive resin products based on PU (polyurethane)

Polyurethane adhesives do not contain any components that have a swelling effect on parquet woods. They harden through a chemical reaction. Two-component adhesives are activated by mixing two components together. This requires precise dosing and rapid processing. After curing without shrinkage, a hard-elastic adhesive film is formed that is particularly suitable for bonding high-tension, moisture-sensitive woods such as beech, maple and exotic types of wood. Single-component adhesives create a bond through reacting with the moisture in the air or the substrate. They adapt flexibly to the ambient conditions. After curing, they are elastic or shear-elastic, depending on the formulation, and reliably reduce tensions between the wood flooring and the substrate.

Reaction resin products based on SMP (silane-modified polymers)

SMP adhesives are silicone-free and solvent free and are not subject to labelling, which makes them particularly user-friendly. They can be used on most subfloors even without a primer and are practically odourless after curing. These adhesives provide effective protection for the subfloor against the natural swelling and shrinkage movements of the wood. They are also very easy to handle.

Reactive resin products based on SPU (silane-terminated polyurethanes)

Silane-terminated polyurethanes combine the versatility of polyurethane chemistry with the advantages of silane cross-linkage. After curing, they exhibit balanced mechanical properties combined with high elasticity and very good strength. The strong bond to the subfloor makes application possible without a primer. As a full substitute for solvent-based wood flooring adhesives they improve workplace health and reduce greenhouse gas emissions.

Epoxy resin products

Reaction resin adhesives on an epoxy resin basis are only available as two-component systems. They are characterised by very good adhesion and minimal shrinkage. Their technical properties are similar to those of two-component polyurethane adhesives. They also do not contain any components that have a swelling effect, but they require special health and safety precautions during application due to the hazardous substances they contain.

PRODUCT OVERVIEW AND PROPERTIES



The fundamental precondition for a solid floor underfoot is the optimum interplay of substrate preparation, primer, levelling compounds, adhesive and floor covering. At STAUF we dedicate ourselves to this demanding task each and every day – with knowledge, experience and the willingness to try something new. This allows us to systematically expand our core expertise of developing adhesive solutions for wood flooring. Today we also offer suitable products for textile and elastic floor coverings as well as athletic flooring.

Our individual system solutions are matched to the varying requirements of floor construction down to the last detail. Every subfloor condition and every floor covering requires a specially suited solution. We only offer our customers adhesives and system components that have been developed in our laboratory and extensively tested according to the specific application. We have developed adhesive systems that interlock perfectly for all conceivable subfloors and coverings, whether for indoors or outdoors, under high loads or extreme temperature fluctuations.

Our raw materials, production methods and tested products undergo strict quality control measures. In product development, we place particular emphasis on good installer safety, as reflected in the GISCODE classifications. The reduction of emissions also has priority with us – as can be seen by the EMICODE® classifications EC1 and EC1^{PLUS}. STAUF products meet current national regulatory requirements and have the necessary approvals, such as technical approval from the German Institute for Civil Engineering (DIBt).

The following tabular summary provides an overview of STAUF products for subfloor preparation as well as our adhesives, with product properties and information on their application on subfloors and under a wide range of conditions.

PROPERTIES, INTENDED USE AND CONSUMPTION

The following table indicates properties of the products for subfloor preparation:

Primer	D 54	VDP 160	VDP 130	WEP 180	VEP 195	VPU 155 S NEW
Ready to use						
Water-dilutable						
Water vapour retarding function on cement screed		max. 3.0 CM% (90% KRL)		max. 4.0 CM% (95% KRL)	max. 5.0 CM% (98% KRL)	max. 4.0 CM% (95% KRL)
Water vapour retarding function on heated cement screed				max. 3.5 CM% (92% KRL)	max. 3.5 CM% (92% KRL)	max. 2.5 CM% (85% KRL)
Water vapour retarding function on concrete				max. 4.0 CM% (5% by weight or 95% KRL)	max. 5.0 CM% (6% by weight or 98% KRL)	
Stabilisation of the subfloor						
Adhesive bridge on smooth subfloors						
Adhesive bridge on STAUF VEP 195, STAUF WEP 180 or STAUF VPU 155 S NEW						
Binds residual dust						
Regulates the absorbency of the subfloor						
Protects against mixing water from levelling compound						
Consumption (depending on mixing ratio, subfloor and application area (g/m ²))	40 - 130	25 - 300	60 - 120	75 - 500	300 - 650	150 - 400
GISCODE	D1	D1	D1	RE20	RE30	RU1
EMICODE®	EC1 ^{PLUS}		EC1 ^{PLUS}	EC1 ^{PLUS}	EC1 ^{PLUS}	EC1 ^{PLUS}

Yes (without restrictions)	Yes (with restrictions)	No
----------------------------	-------------------------	----

Subfloors	D 54	VDP 160	VDP 130	WEP 180	VEP 195	VPU 155 S NEW
Under levelling compounds						
Under adhesives		1:5	1:1			
Under cement-based levelling compounds						
Under calcium sulphate levelling compounds						
On cement-based levelling compounds (as intermediate primer)	1:3	1:3				
On calcium sulphate levelling compounds (as intermediate primer)	1:1	1:1				
Cement screed	1:3	1:3		1:1		
Concrete	1:3	1:3		1:1		
Calcium sulphate screed, calcium sulphate self-levelling screed	1:1	1:1		1:1		
Magnesite and xylolite screeds				1:1		
Wooden subfloors (parquet, floorboards)	1:1	1:1		1:1		
Chipboards V100 (E1), OSB boards	1:1	1:1		1:1		
Prefabricated screed (uncoated gypsum fibreboard)	1:1	1:1		1:1		
Sanded mastic asphalt	usually not necessary					
Mastic asphalt						
Stone, ceramics, terrazzo, tiles						
Stonework	1:3	1:3		1:1		
Cement-bound plaster	1:3	1:3		1:1		

recommended (extremely suitable)	suitable with restrictions	not suitable / not applicable
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PRODUCT OVERVIEW SUBFLOOR PREPARATION

The following table indicates which products can be used on which subfloors:

		STAUF levelling compounds	Cement screeds	Calcium sulphate screed, calcium sulphate self-levelling screed	Concrete	Wooden subfloors (parquet, floorboards)	Chipboard V100 (E1), OSB flooring boards	Uncoated gypsum fibreboard	Magnesite and xylolite screeds	Sanded Mastic asphalt	Stone, ceramics, terrazzo, tiles
Priming	STAUF VDP 130	✓	✓	✓	✓	✓	✓	✓			
	STAUF D 54	✓	✓	✓	✓	✓	✓	✓		✓	✓
	STAUF VDP 160	✓	✓	✓	✓	✓	✓	✓		✓	✓
	STAUF VPU 155 S NEW		✓	✓	✓	✓	✓	✓	✓	✓	✓
	STAUF VEP 195	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	STAUF WEP 180	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Repairing	STAUF SGH 50		✓	✓	✓				✓	✓	✓
Smoothing, filling, levelling	STAUF XP 10	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	STAUF XP 20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	STAUF GS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	STAUF GS BASIC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	STAUF PU		✓	✓	✓	✓	✓	✓	✓	✓	✓
	STAUF FZ	✓	✓	✓	✓				✓	✓	✓
	STAUF RM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	STAUF TURBOFIX	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Reinforcing, damping	Damping underlay	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Polyester felt	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Decoupling board	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Reinforcing fibres	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Glass-fibre fabric	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ Product is very suitable or recommended; please refer to the technical data sheet.

✓ Product is suitable with reservations; please refer to the technical data sheet or contact the STAUF technical service department.

PRODUCT PROPERTIES SUBFLOOR PREPARATION

The following table contains further properties of the subfloor preparation products:

Primer	Drying time	Potlife	Max. residual moisture	Storage and transport requirement	Shelf life	Colour
STAUF VEP 195	approx. 12-72 h	3045 min.	98% KRL or 5 CM%	–	12 months	lightly yellowish (mixed)
STAUF WEP 180	approx. 2-72 h	approx. 45 min.	95% KRL or 4 CM%	frost-free	9 months	lightly yellowish (mixed)
STAUF D 54	approx. 1-15 h.	–	–	frost-free	12 months	white
STAUF VDP 130	approx. 45 min.-15 h	–	–	frost-free	12 months	green
STAUF VDP 160	approx. 1 hr.-15 h	–	90% KRL or 3 CM%	frost-free	12 months	cream
STAUF VPU 155 S NEW	approx. 30 min.- 2 h	–	95% KRL or 4.0 CM%	–	9 months	honey

Casting resin	Drying time	Potlife	Shelf life	Storage requirement	Transport requirement	Colour
STAUF SGH 50	approx. 60 min.	8-10 min.	9 months	> 10 °C	> 6 °C	beige (mixed)

Levelling compound	Accessible	Ready for flooring installation	Coating thickness mm	Storage and transport requirement	Shelf life	Load
STAUF XP 10	approx. 3 h	approx. 24-72 h	1-10	dry	9 months	very high
STAUF XP 20	approx. 2 h	approx. 6-48 h	1-20 (30)	dry	9 months	high
STAUF GS	approx. 3 h	approx. 24 h (3 mm)	1-20 (30)	dry	9 months	normal
STAUF GS BASIC	approx. 3 h	approx. 24 h (2 mm)	1-10	dry	9 months	normal
STAUF PU	approx. 8 h	24 h	unlimited	dry	9 months	extremely high
STAUF FZ	approx. 4 h	approx. 24 h-3 d.	3-40 (60)	dry	9 months	normal
STAUF RM	approx. 30 min.	at least 4 h	1-10 (50)	dry	9 months	high
STAUF TURBOFIX	approx. 20-30 min.	Text./elast. floor coverings approx. 1 h Parquet & cork approx. 12 h	0-5	dry	12 months	high

These short product descriptions cannot, of course, include all relevant details. We therefore recommend that you always refer to the technical data sheets. All information on open time, accessibility, drying time and flash time relates to a room temperature of 20°C and a humidity of 65%.

PRODUCT OVERVIEW PARQUET ADHESIVES

The following table indicates which products can be used for which types of parquet:

Parquet adhesives		Solid boards		Multi-layer parquet acc. to DIN EN 13489		Multi-layer parquet individual strips acc. to DIN EN 13489, max. 70 x 600 mm		Multi-layer parquet individual strips acc. to DIN EN 13489		Vertical-finger parquet acc. to DIN EN 14761 (min. thickness = 16 mm)		Vertical-finger parquet (thickness < 16 mm)		Strip parquet acc. to DIN EN 13226		Strip parquet acc. to DIN EN 13226 max. 75 x 600 mm, min. 14 mm thick		Mosaic parquet acc. to DIN EN 13488		Lamparquet acc. to DIN EN 13227		Uncoated lamparquet acc. to DIN EN 13227 up to 55 x 250 mm, min. 10 mm thick		Wood block flooring, RE and WE		GE wood block flooring		Laminate flooring		Repairing parquet					
		w/o	w	w/o	w	w/o	w	w/o	w	w/o	w	w/o	w	w/o	w	w/o	w	w/o	w	w/o	w	w/o	w	w/o	w	w/o	w	w/o	w	w/o	w				
STAUF SPU 570		i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i		
STAUF SMP 930		✓	i	i	i	✓																													
STAUF SMP 950		✓	i	i	i	i																													
STAUF SPU 460		✓	i	i	i	✓																													
STAUF SPU 555		✓	i	i	i	✓																													
STAUF MULTILAYER			i	i	i																														
STAUF SPU 425		✓	✓	✓	✓																														
STAUF PUK 455		i ²⁾	i ²⁾	i ²⁾	i ²⁾	i	i	i ²⁾	i ²⁾	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	
STAUF PUK 4SPEED		i	i ¹⁾	i ¹⁾	i ¹⁾	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	
STAUF PUK 446		i	i ¹⁾	i ¹⁾	i ¹⁾	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i
STAUF PUK 447		i	i ¹⁾	i ¹⁾	i ¹⁾	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i	i
STAUF M2A 720			✓ ¹⁾	i ¹⁾	✓ ¹⁾	i	✓	✓																											
STAUF HPK			¹⁾	¹⁾	¹⁾																														

o = without surface treatment
w = with surface treatment

Product is very suitable or recommended; please refer to the technical data sheet.
 Product is suitable with reservations; please refer to the technical data sheet or contact the STAUF technical service department.

1) Depending on: timber type, dimensions, surface treatment, edge trimming, underfloor heating, indoor climate, substrate
2) Depending on: manufacturer's approval of the surface layer for liquid batten adhesion

PRODUCT PROPERTIES PARQUET ADHESIVES

The following table contains further properties of the parquet adhesive products:

Reaction resin adhesives	Open time	Accessibility	Shelf life	Colour	Grindability	Storage and transport requirement
STAUF SPU 570	approx. 25 min.	after approx. 12-24 h	12 months	light brown	after approx. 24-48 h	-
STAUF SMP 930	approx. 30 min.	after approx. 24-48 h	12 months	beige	after approx. 24-48 h	-
STAUF SMP 950	approx. 20 min.	after approx. 12-24 h	12 months	beige	after approx. 24-48 h	-
STAUF MULTILAYER	approx. 30 min.	after approx. 24 h	12 months	beige	after approx. 24 h	-
STAUF SPU 460	approx. 20 min.	after approx. 24 h	12 months	beige	after approx. 24 h	-
STAUF SPU 555	approx. 15 min.	after approx. 4 h	9 months	beige	after approx. 4-24 h	-
STAUF SPU 425	approx. 20 min.	after approx. 24-48 h	12 months	beige	after approx. 24-48 h	-
STAUF PUK 455	approx. 30 min.	after approx. 24-48 h	9 months	beige	after approx. 24-48 h	-
STAUF PUK 4SPEED	approx. 30-45 min.	after approx. 4 h	9 months	light brown	after approx. 4 h	-
STAUF PUK 446	approx. 45-60 min.	after approx. 24 h	12 months	beige	after approx. 24 h	-
STAUF PUK 447	approx. 45-60 min.	after approx. 24 h	9 months	beige	after approx. 24-48 h	-

Dispersion-based adhesives	Open time	Accessibility	Shelf life	Colour	Grindability	Storage and transport requirement
STAUF M2A 720	approx. 10-15 min.	after 4-24 h	12 months	beige	after 5-7 days	frost-free
STAUF HPK	approx. 20-15 min.	after 24-48 h	12 months	beige	after 5-7 days	frost-free

These short product descriptions cannot, of course, include all relevant details. We therefore recommend that you always refer to the technical data sheets. All information on open time, accessibility, drying time and flash time relates to a room temperature of 20°C and a humidity of 65%.

PRODUCT OVERVIEW FLOOR COVERING ADHESIVES

The following table indicates which products can be used for which types of floor covering:

		Fitted carpets with synthetic double backing	Tufted carpet with fleeces or foam backing	Needle fleece	Kugelgam®	Woven flooring, coconut fibre/sisal latex coated	Self-laying carpet tiles	PVC homogeneous/heterogeneous, quartz-vinyl tiles	PVC design flooring (LVT)	CV flooring	Linoleum in sheets/tiles with a thickness of up to 4 mm	Homogeneous cork, unfinished surface max. 600 x 600 mm up to 6mm thickness	Various types of sports facility flooring, e.g. in tennis halls	Rubber flooring in boards or sheets	Rubber flooring with smooth, sanded backing up to 4 mm thick	Rubber flooring with smooth, sanded backing up to 2.5 mm thick
Floor covering adhesives	STAUF D 50	✓	✓					i	i	i			i			
	STAUF D 37	i	i	✓	✓	i		i	✓	i	✓	✓				i
	STAUF D 20	i	i	i	i	i		i	i	i	i		i		i	i
	STAUF D 6	i	i	✓	✓	✓		i		i			✓			
	STAUF R 105							i	i		✓	✓	i	i	i	
	STAUF D 5	✓	✓					i	i	i			i			
	STAUF D 8	i		i	i						i	i	i			
	STAUF D 11	i	i	i	i	i		✓		✓			i			
Con- ductive	STAUF D 3-L	i	i	i				i		i	i				i	i
Fixatives	STAUF D 70							i								
	STAUF CT FIX	✓	i					i	✓		i					



Product is very suitable or recommended; please refer to the technical data sheet.



Product is suitable with reservations; please refer to technical data sheet or contact the STAUF technical service department.

PRODUCT PROPERTIES FLOOR COVERING ADHESIVES

The following table contains further properties of the floor-covering adhesive products:

Floor covering adhesives	Flash time	Open time	Accessibility	Colour	Potlife	Shelf life	Storage and transport requirement
STAUF D 50	5-10 min.	5-20 min.	after approx. 24 h	cream	–	9 months	frost-free
STAUF D 37	Impact & contact bonding: approx. 60 min. Wet bonding: 5-25 min.	Impact & contact bonding: up to 80 min. Wet bonding: up to 30 min.	after approx. 24 h	cream	–	9 months	frost-free
STAUF D 20	5-20 min.	5-25 min.	after approx. 24 h	cream	–	9 months	frost-free
STAUF D 6	5-15 min.	5-20 min.	after approx. 24 h	cream	–	9 months	frost-free
STAUF R 105	–	approx. 50-15 min.	after 12-24 h	beige	approx. 30-15 min.	12 months	–
STAUF D 5	5-15 min.	10-25 min.	after approx. 24 h	cream	–	9 months	frost-free
STAUF D 8	0-10 min.	5-15 min.	after approx. 24 h	cream	–	9 months	frost-free
STAUF D 11	5-15 min.	5-15 min.	after approx. 24 h	cream	–	9 months	frost-free

Conductive	Flash time	Open time	Accessibility	Colour	Leak resistance	Shelf life	Storage and transport requirement
STAUF D 3-L	0-5 min.	5-15 min.	after approx. 24 h	grey	< 3x10 ⁵ Ω	9 months	frost-free

Fixatives	Flash time	Open time	Accessibility	Colour	Application	Shelf life	Storage and transport requirement
STAUF D 70	15-30 min.	60-80 min.	immediate	white	carpet tiles	9 months	frost-free
STAUF CT FIX	approx. 10-45 min.	Textile coverings: 10-15 min. Elastic coverings: 20-30 min. SL tiles: up to 4 h	immediate up to 24 h	white	universal	9 months	frost-free

These short product descriptions cannot, of course, include all relevant details. We therefore recommend that you always refer to the technical data sheets. All information on open time, accessibility, drying time and flash time relates to a room temperature of 20°C and a humidity of 65%.

PRODUCT OVERVIEW MOUNTING ADHESIVES

The following table indicates which products are suitable for mounting different substrates:

		Stair edge trims	Repairing parquet	Skirting	Profile strips	Trim mouldings	Panels (timber-backed)	Clinker/bricks	Glass-, wood- and mineral fibre panels	Styrofoam boards	Moltoprene pyramid boards	Skirting (timber, PVC)	Textile and elastic coverings for bonding to walls
Mounting adhesives	STAU EXTREME TACK		✓	i	i	i	i	i	i	i	i	i	
	STAU REPACOLL S	✓	i	i	i	i	i	i	i			✓	
	STAU D 22 HV									✓	✓		i
	STAU F 90 AF	i		i	i	i			i			i	✓
	STAU EXTRA AF	i		i	i	i			i			✓	✓

- i** Product is very suitable or recommended; please refer to the technical data sheet.
✓ Product is suitable with reservations; please refer to technical data sheet or contact the STAU technical service department.

PRODUCT PROPERTIES MOUNTING ADHESIVES

The following table contains further properties of the mounting adhesive products:

Mounting adhesives	Open time	Flash time	Accessibility	Shelf life	Colour	Storage and transport requirement
STAU EXTREME TACK	approx. 15 min.	–	approx. 4-48 h	12 months	white	frost-free
STAU REPACOLL S	approx. 5-10 min.	–	approx. 1-24 h	12 months	beige	–
STAU D 22 HV	approx. 5-20 min.	0-10 min.	approx. 24 h	9 months	cream	frost-free
STAU F 90 AF	approx. 90 min.	10-20 min.	immediate	6 months	beige	*
STAU EXTRA AF	approx. 90 min.	10-15 min.	immediate	12 months	beige	*

These short product descriptions cannot, of course, include all relevant details. We therefore recommend that you always refer to the technical data sheets. All information on open time, accessibility, drying time and flash time relates to a room temperature of 20°C and a humidity of 65%.

*see technical data sheet

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