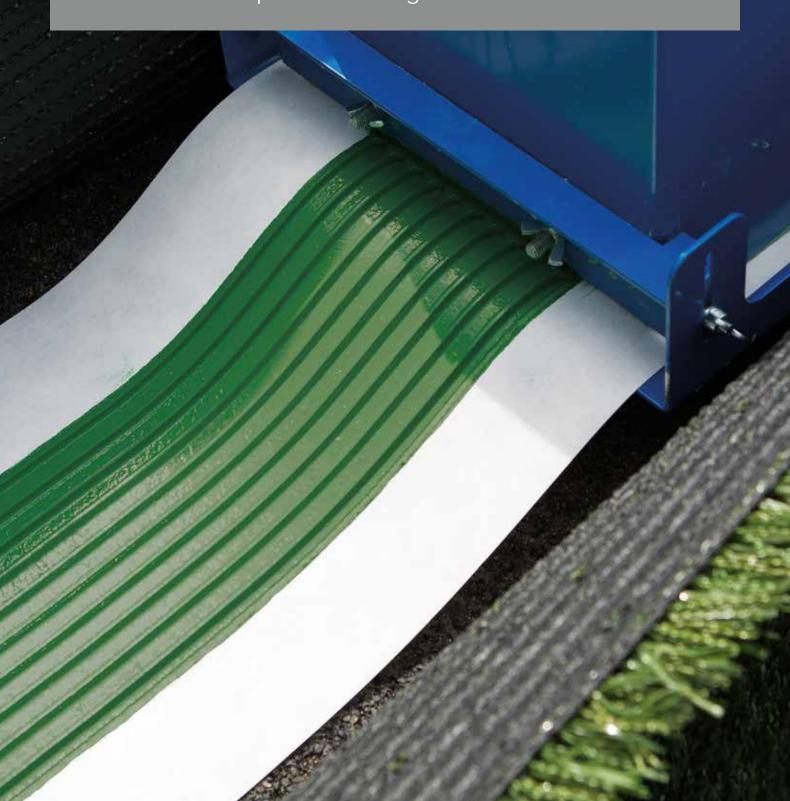


SPORTS

Sports flooring adhesives





"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)





YOUR ADVANTAGES AT A GLANCE



OUR TECHNOLOGIES

We develop and combine the right technical solutions to meet your requirements.



ALL FLOORING

We offer suitable installation tools for every flooring.



PERFECT COMBINATION

The best interaction of sub-floor preparation, adhesives and flooring for your requirements.



WEATHER-PROOF

The best product for all weather conditions.



HARMLESS

Our certified products provide the greatest possible safety for you and your environment.



TOP QUALITY

Tested and approved.

We deliver what we promise – thanks to the experience we have gathered since 1828.



PLANNING SECURITY

Punctual delivery, reliable products and competent technical consultation are our contribution towards perfect timing for you.



ECONOMIC EFFICIENCY

Durable and easy to use products for efficient working.



BEST SERVICE

We place great importance on individual service.

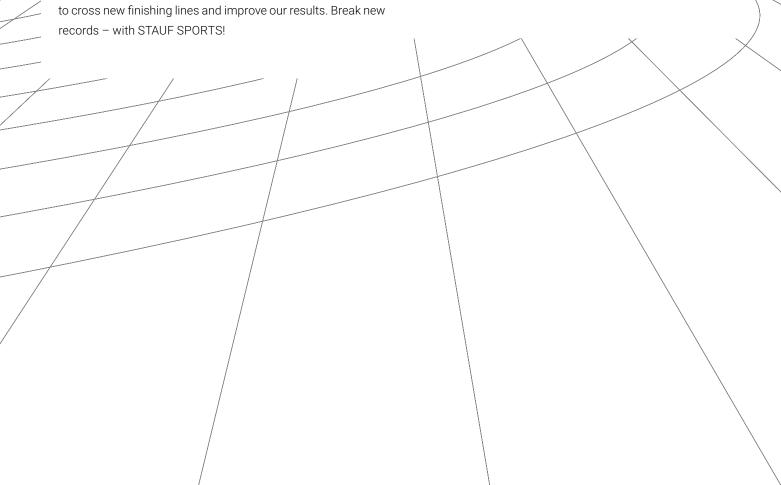
READY ... SET ... GO!

ports are all about achieving high performance again and again, even under difficult conditions. Both man and materials have to rise to ever greater challenges in their quest to enhance their performance and constantly be the best. Yet though they have a powerful will to succeed and constantly aspire to achieve higher aims, what drives sportsmen and women is their unbending enthusiasm. We share this passion. It spurs us on to take on new challenges.

With STAUF SPORTS, the high standards of sports and recreation flooring are blended with the expertise gained from more than 185 years of adhesive technology – an unbeatable combination for the ultimate in versatility, safety and durability. We develop and produce made-to-measure adhesives for every requirement – in the field of synthetic turf as well as for indoor and outdoor use. Expertise and innovative force come together at STAUF. That's why we are the leading supplier of individual system solutions in flooring technology and are continually able to cross new finishing lines and improve our results. Break new

Each environment, sub-floor, surface and type of sport requires a specific adhesive solution. Since universal solutions would fall wide of the mark, STAUF adhesive technologies are specifically developed to match each individual application with great precision. Only the exact interaction of specially designed components can achieve the best possible results. After performing extensive analyses and trials in our own laboratory, we have successfully identified the ideal combinations of sub-floor preparation, adhesives and surfaces for all fields of application.

The result is STAUF SPORTS – the adhesive technology that complements the desired flooring characteristics in a unique way. Whether synthetic turf, athletics stadium, multi-purpose arena or school sports gymnasium – with STAUF SPORTS you are always onto a winner.







R 201 2K-PU

R 201 is our water-resistant, synthetic turf adhesive. It has outstanding adhesive strength, is very economical to use and is particularly suitable for use in difficult weather conditions.

STRUP ST

ACTIVATOR

This ACTIVATOR considerably speeds up the hardening process of our synthetic turf. It is particularly recommended for use at low ambient temperatures.

SPECIAL CHARACTERISTICS

- Can be applied even on moist surfaces and in high ambient humidity (including light drizzle) and particularly also at high temperatures up to + 40° C and if the air is dry.
- ✓ Does not run in hot weather
- ✓ Easy to use even at low temperatures [up to + 5° C]
- ✓ Economical due to low usage
- Suitable for use with grass heating systems

SPECIAL CHARACTERISTICS

- At low temperatures, the processing time can be adjusted by varying the amount of ACTIVATOR added
- Considerably speeds up the hardening process

ARTICLE NO. 124191

PACKAGING SIZES 12 kg bucket 1.71 kg hardener **AMOUNT REQUIRED** ø 245 g/rm

COLOUR arass areen

ARTICLE NO. 125213

PACKAGING SIZES200 g plastic bottle

AMOUNT REQUIRED

Depends on desired processing time



R 202 2K-PU

The ideal synthetic turf adhesive for less heavily used areas. It is water-resistant and suitable for use with grass heating systems. It is also very economical to use and easy to spread.



R 301 1K-SPU

An expert for synthetic turf for particularly longterm bonding, and is easy and time-saving to apply. It is isocyanate-free and so is exceptionally safe. The ideal adhesive for less heavily used areas.

SPECIAL CHARACTERISTICS

- Good groove formation, even at high ambient temperature
- Very economical due to low usage
- Easy to spread

SPECIAL CHARACTERISTICS

- ✓ Easy to spread✓ Ready to use
- ✓ Low usage

- ✓ Isocyanate-free
- ✓ Very low emissions

ARTICLE NO. 124250

PACKAGING SIZES 15.39 kg bucket 1.71 kg hardener **AMOUNT REQUIRED** Ø 300 g/rm

COLOUR grass green

ARTICLE NO. 126191

PACKAGING SIZES 18 kg bucket **AMOUNT REQUIRED** Ø 350 g/rm

COLOUR grass green



R 401 1K-PU

The R 401 is suitable especially for extreme weather situations, particularly in wet conditions.



SP SPOT TACK

For pinpoint repairing of sports surfaces: our all-purpose solution is water-resistant and bonds synthetic turf, metals, plastics and cement – quickly and reliably.

SPECIAL CHARACTERISTICS

- One-component and ready to use
- Controlled, minimal foaming
- Excellent wetting properties
- Accelerated hardening at high humidity
- Low usage

SPECIAL CHARACTERISTICS

- High adhesive strength
- ✓ Reacts fast
- ✓ Quickly usable again
- Available in cartridges, can be applied in strips and spots

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10	7	1	0	1		

. PACKAGING SIZES 15 kg bucket

AMOUNT REQUIRED Ø 240 g/rm

COLOUR grass green

ARTICLE NO. 127170

PACKAGING SIZES 310 ml cartridge

COLOUR grass green

STAUF INNOVATIONS: R 401 & C 166



THE ALL-WEATHER PRO

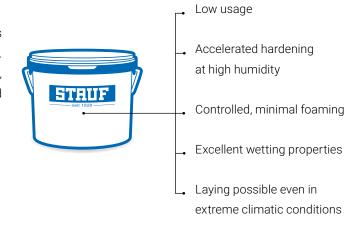
Whether for use in the tropics or in light frost, the new R 401 is just the job for bonding synthetic turf in cool and rainy weather. One-component R 401 is ready for use right away. In addition, hardening of the solvent-free PU adhesive can be accelerated by moistening the adhesive corrugations.

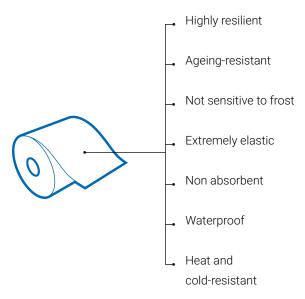
REVOLUTIONARY BONDING IN THE WET

Extreme weather conditions, strong sunshine and warm summery temperatures, heavy rain or frost – with STAUF R 401, the weather will certainly not play havoc with your plans.

FLEXIBLE SEAMING TAPE

STAUF has put together the best team for your artificial turf. The athletic turf fleece C 166 is designed for heavy-duty use and together with the R 401 provides unbeatable protection from cracking. It also meets international football standards.







C 145

A PE-coated seaming tape for bonding synthetic turf: Extremely resilient, resistant to ageing and impervious to extreme temperatures. Waterproof!



C 230

This is impregnated with a film on the back. It is highly resilient, resistant to ageing, heat and frost. Waterproof!

SPECIAL CHARACTERISTICS

- ✓ PE-coated [35 g/m²]
- Meets international football standards

SPECIAL CHARACTERISTICS

- ✓ Impregnated with a film on the back
- ✓ PE-coated [35 g/m²]
- Meets international football and IRB standards.

ARTICLE NO. 130090

WEIGHT 155 g/m² THICKNESS 0.68 mm

ARTICLE NO. 130040

WEIGHT 237 a/m² THICKNESS 0.44 mm



C 140

Highly resilient, resists ageing and defies frost and moisture.



C 345

Two-sided seaming tape for laying synthetic turf: It is highly resilient and resistant to ageing, heat and frost. Waterproof!

SPECIAL CHARACTERISTICS

✓ PE-coated [35 g/m²]

SPECIAL CHARACTERISTICS

- ✓ PE-coated [35 g/m²]
- ✓ It is also suitable for use as a repair tape or for subsequently laying synthetic turf in existing areas
- Meets international football standards

ARTICLE NO. 130170

WEIGHT 150 g/m²

THICKNESS 0.40 mm

ARTICLE NO. 130100

WEIGHT 218 g/m² THICKNESS 0.78 mm



C 166

Particularly suitable for elastic shock pads. It is highly resilient, resistant to ageing, particularly elastic and defies heat and frost. Waterproof!



ADHESIVE APPLICA-TOR MACHINE

An indispensable device for the even, clean handling of adhesives designed for bonding synthetic turf: The amount of adhesive used can be adjusted, and special rollers ensure directional stability.

SPECIAL CHARACTERISTICS

- ✓ PE-coated [35 g/m²]
- Meets international football standards

SPECIAL CHARACTERISTICS

- ✓ Amount of adhesive used individually ✓ Excellent directional stability adjustable, uniform coating
- ✓ Individually adjustable toothing
- Automatically opens, guides and closes grass
- on special rollers
- ✓ One-person operation
- ✓ Toothing and adhesive tank removable
- ✓ Easy to clean

ARTICLE NO.
130210

SUITABLE ROLL	LENGT
50-300 m	

WEIGH
20 ka

DIMENSIONS 980 x 420 x 430 L/W/H [mm]





ark clouds are looming in the sky on this July morning. There is drizzle in the air and it is unusually cool. Managing Director Anton Osswald and his team from Sport Tartemann remain calm: Even laying in difficult weather conditions is no problem with STAUF R 201. In addition, the adhesive is impervious to moisture. The four installers have already laid

out a large number of the synthetic turf rolls: Each of them is 4 metres wide and 74 meters long. 27 of these rolls will be laid on the elastic base layer made from rubber granulate, known as the shock pad. The installers prepare the adhesive for use with the STAUF adhesive application machine. Sascha Schmunk carefully pours hardener No. 10 from the plastic bottle into the bucket with the resin component. He mixes the two components with an

electric agitator until the adhesive is uniform and grass green in colour. Meanwhile, Anton Osswald mounts the seaming tape roll in the adhesive application machine. The installers have opted for the 30 cm wide STAUF athletic turf fleece C 166, because it offers the solution to a known problem with synthetic turf: Due to constant movement on the pitch – and because the synthetic turf is not fully surface-bonded – the very soft shock pads are often exposed to constant flexing. In the worst case this can lead to the turf fleece and adhesive tearing apart – the new C 166 is so elastic that it easily copes with these movements.

EXTREME RESILIENT - WHATEVER THE WEATHER

Now the solvent and water free adhesive can be added to the adhesive application tank and the machine can be positioned between two turf rolls. For this, the turf seam must be opened a little. Pascal Barth positions himself to fix the end of the seaming tape in place whilst his colleague Sascha Schmunk pulls the adhesive application machine along the length of the turf roll. The machine will now automatically open the seam, lay out the tape, apply the adhesive in the grooves and lay the synthetic turf back in onto the adhesive base. Zoltan Varga, the fourth member of the team, walks alongside the machine with his wheelbarrow and refills the adhesive when necessary. Sascha Schmunk follows with a rake and pulls out any synthetic fibres that have been caught in the adhesive base. Finally Pascal Barth walks along

the seam with a roller. The rolls of turf are installed floating so that the flooring can shift: Depending on the weather conditions, synthetic turf contracts or expands. Fixing it permanently to the elastic base layer would result in cracks and wrinkles in the long term. The next step is to apply the white pitch markings: The installers cut recesses in the synthetic turf that has been

laid and glue lines of white turf into them. The synthetic turf filling prevents the individual turf areas from moving. In addition, sports-functional qualities are supported, such as how a ball bounces and the relief of the musculoskeletal system. This is the reason that quartz sand and rubber granulate are used. Afterwards they brush the area again so that the filling materials are properly incorporated. After ten days of

work the installers give the arena back to SV Adler 09 Niederfischbach's football players.

"STAUF has totally convinced me – nothing beats it."

ANTON OSSWALD, MANAGING DIRECTOR,
SPORT TARTEMANN GMBH

YOU CAN RELY ON STAUF

Sport Tartemann have been searching for the best results by trying out many different adhesives: "STAUF has totally convinced me - nothing beats it", says Managing Director Anton Osswald. Even in poor weather conditions STAUF R 201 proves itself again and again. Because even if synthetic turf should not be laid in persistent heavy rain, the turf rolls that have already been delivered are still exposed to moisture. The rain water then penetrates into the latex-coated underside of the turf and dissolves the oil contained within the tufts. Many adhesives are not ideal as they do not adhere reliably due to these oil residues - with STAUF R 201 you can always achieve consistently good results, says Anton Osswald. "That's why we insist on deciding which adhesive is used." After all, they take responsibility for each individual project - "We are accountable when something goes wrong." Yet another reason why the turf floorer were happy to have the opportunity in Niederfischbach to test a new STAUF product: The one-component R 401 is just the job for bonding under extreme weather conditions. With strong sun and the temperature hovering at 35 degrees, the team put it to the test. The enthusiastic conclusion: "In such heat there is a danger that the adhesive cures too early - but it worked wonderfully." Even in the test run in

heavy rain R 401 passed with flying colours. The adhesive also delivered positive results during large drops in temperature.



The latest STAUF development: The new R 401 is just the job for bonding synthetic turf under extreme weather conditions. One-component R 401 is particularly economical in use. In addition, hardening of the solvent-free PU adhesive can be accelerated by moistening the adhesive corrugations. Through controlled foaming, R 401 achieves extremely good wetting properties.

Application video:



Scan the QR-Code or enter the URL:

https://www.youtube.com/watch?v=0J7RRW0Uynocom/







R 105 2K-PU

Our all-rounder when it comes to indoor sports flooring: This highly resilient two-component adhesive is solvent-free and water-free and highly suitable for flooring exposed to strong direct sunlight.

SPECIAL CHARACTERISTICS

- ✓ Easy to spread
- ✓ Dimensionally stable, no shrinkage ✓ Solvent-free GISCODE RU 1
- ✓ Highly resilient
- Suitable for use with floor heating systems
- Suitable for all-round use

- ✓ Very low emissions EC 1 R Plus

STRUE EC 1

D 8 DISPERSION

This miracle adhesive for indoor linoleum flooring combines a number of advantages: It sets quickly, is easy to spread and has excellent initial tack properties.

SPECIAL CHARACTERISTICS

- ✓ Short flash time
- Outstanding initial adhesion
- Suitable for use with floor heating systems.
- Good wetting properties
- ✓ Solvent-free GISCODE RU 1
- ✓ Very low emissions EC 1

ARTICLE NO. 124380

PACKAGING SIZES 6.9 kg bucket 0.89 kg hardener AMOUNT REQUIRED

TKB A2 ø 400 g/m² TKB B1 ø 600 g/m² TKB B7 Ø 1,100 g/m²

COLOUR beige

ARTICLE NO. 141600

PACKAGING SIZES 14 kg bucket

AMOUNT REQUIRED TKB B1 ø 400 g/m² COLOUR beige

STUBILITY **EC 1**'

D 5 DISPERSION

Our special adhesive for PVC indoor sports flooring has several major advantages: The long open time leaves sufficient opportunity to spread the product across the desired area. good wetting properties, good initial tack properties, high final strength.

SPECIAL CHARACTERISTICS

- Long open time
- Good wetting properties
- Good initial tack properties
- Suitable for use with floor heating systems
- ✓ High final strength
- ✓ Solvent-free GISCODE RU 1
- ✓ Very low emissions EC 1 Plus



D 11 DISPERSION

Our adhesive for needle-punched and carpet floorings: It dries quickly, is easy to spread and has good tack properties.

SPECIAL CHARACTERISTICS

- Outstanding initial adhesion
- Fasy to spread
- ✓ Reduces seam shrinkage
- Suitable for use with floor heating systems
- ✓ Dimensionally stable
- ✓ Solvent-free GISCODE RU 1
- ✓ Very low emissions EC 1 Plus

ARTICLE NO. 141610

PACKAGING SIZES

14 kg bucket

AMOUNT REQUIRED

TKB A2 ø 300 g/m² TKB B1 Ø 380 g/m²

COLOUR beige

ARTICLE NO. 141620

PACKAGING SIZES 14 kg bucket

AMOUNT REQUIRED

TKB A2 ø 325 g/m² TKB B1 ø 400 g/m² COLOUR beige



D 22 HV DISPERSION

Our special adhesive designed for deflecting walls in indoor sports facilities: High viscosity, bonds quickly, ready to use and has good initial tack properties.



EXTREME TACK DISPERSION

Stable paste-like adhesive with extremely high initial adhesion for quick bonding to floors, walls and ceilings in indoor areas.

SPECIAL CHARACTERISTICS

- Outstanding initial adhesion
- ✓ Excellent ridge formation Good tack initial properties
- ✓ Solvent-free GISCODE RU 1
- ✓ Very low emissions EC 1

SPECIAL CHARACTERISTICS

- ✓ Extreme immediate adhesion of over ✓ Can be corrected for several minutes 200 kg/m² when complete surface is bonded
- Achieves outstanding final strength
- Excellent stability
- Solvent-free, odourless
- after application
- ✓ Paste-like product, evens out rough surfaces
- Can be painted over after hardening

ARTICLE NO. 141630

PACKAGING SIZES 15 kg bucket

AMOUNT REQUIRED TKB B1 ø 400 g/m² COLOUR beige

ARTICLE NO. 121810

.OUR ite

PACKAGING SIZES	AMOUNT REQUIRED	COL
3.5 kg bucket	Depends on materi-	whi
310 ml cartridge	al to be bonded	





Vienna boasts Europe's largest indoor tennis hall: 13 tennis and four badminton courts, all under one roof, invite the enthusiasts of net ball games. Renovating the surfaces of facilities of this scale is a mammoth task. Professionals are required here – amateurs are out of their depth: The Sportbau HL specialists, hailing from Gunskirchen in Upper Austria, laid an impressive 8,000 square metres of needle-punched flooring in this hall, built in 1985. This XXL project was completed in just under two months, from early July to the end of August 2015. This double with STAUF playing against time finally ended in game, set and match for STAUF. »



t is a sweltering early midsummer afternoon. The sun is beating down through the skylights and onto the tennis courts: The hall inside is only slightly cooler than outside. The thermometer reads 36 degrees. The five Sportbau HL floor-layers are perspiring already: Some have rid themselves of their T-shirts and are working bare-chested. The site radio is blaring pop music – right now it is Uncle Krackers "Follow me". "Turn the sound up!" shout two workers busy sanding the filler in a corner of the hall. Music tends to speed up the process.

REMOVE EVERYTHING

The floor-layers have put in some hours of preparatory work already: The old flooring had to be ripped out and the floor sanded down. Completely new sports flooring was called for – not a shred of the old flooring must remain. The experts opted specifically

for STAUF D 54 for floor undercoating: The adhesion and priming concentrate has a very high coverage and is quick-drying – important properties for such large areas and tight schedules. D 54 also contains no solvents and has very low-emissions – another important argument here, considering that the floor-layers will spend many working hours in the closed hall.

»D 11 bonds well right from the start – this makes the laying work easier.«

> SIEGMUND ZOTTER, FLOOR-LAYER, SPORTBAU HL GMBH

A SURE GRIP, EVEN WITH HEAVY USE

The pallet with D 11 dispersion adhesive is waiting at the centre of the hall, ready for use. Large rolls of green needle-punched flooring and the rollers are ready nearby – the floor-layers will need these later to ensure that the sports flooring is securely glued down full faced. Whilst the filler is still being sanded down in a corner, – some 30 square meters needed touching up with the durable filling and repair compound STAUF RM – two Sportbau HL staff have already started laying at the centre of the hall: The green needle-punched flooring is securely glued down with STAUF D 11. This dispersion adhesive is particularly suited to textile sports flooring. It was developed for a long service life, especially under high stress; with the hard adhesive groove also reducing seam shrinkage. "Apart from this, D 11 will strongly adhere right from the start, to make laying easier", explains floor-layer Siegmund Zotter, taking a big gulp from his water bottle before continuing.

GREAT TENNIS

Voices are coming from a few courts away, with every now and then the thunk of a hard serve – business will continue as usual, since not all the courts are being renovated simultaneously. The floor-layers from Gunskirchen are not distracted at all. One of them is busy recessing the needle felt on an almost completed court, for marking the field: The material for the white lines which the tennis players will, of course, need for orientation, is prepared already - on rolls. It will later be cut using a dual blade knife, before bonding them into place. Yet a lot of sweat is sure to be spilt before all the courts are renovated. But one thing is for sure after completion of the renovation phase: Great tennis. And with STAUF as the reliable partner, the floor-layers from Upper Austria will keep their eyes on the ball.



1-component dispersion-based textile flooring adhesive: Our adhesive for needle-punched and carpet floorings: It dries quickly, is easy to spread and has good tack properties. Suitable for use with floor heating systems!





R 204 ^{2K-PU}

Our two-component expert for bonding the complete surface of synthetic turf and outdoor sports surfaces: Its hard-elastic bonding minimises gap formation. It combines water resistance, tensile strength and high adhesive force. Suitable for use with grass heating systems!

STRUE

SP ELASTIC 2K-PU

The expert for elastic and rubber surfaces in stadiums: Hard-elastic bonding is no problem at all with SP ELASTIC. Water-resistant and economical in use.

SPECIAL CHARACTERISTICS

- ✓ Good ridge formation, does not run, even at high temperatures
- ✓ Optimized for full-surface bonding ✓ Low usage
- ✓ Beige shading
- ✓ Specially for red and beige synthetic turf
- Easy to spread

SPECIAL CHARACTERISTICS

- ✓ Easy to spread
- ✓ Suitable for all-round use
- ✓ Highly resilient

✓ Dimensionally stable, no shrinkage ✓ Solvent-free – GISCODE RU 1

ARTICLE NO.

PACKAGING SIZES 15.39 kg bucket AMOUNT REQUIRED ø 300 g/rm

COLOUR beige

ARTICLE NO. 124370

PACKAGING SIZES

6.9 kg bucket 0.89 kg hardener AMOUNT REQUIRED TKB A2 ø 350 g/rm TKB B1 ø 500 g/rm

TKB B2 ø 650 g/rm

COLOUR

beige

124251

1.71 kg hardener



SP POLY GUM 1K-PU

This versatile granulate binder for rubber granulate is designed for both indoor and outdoor use. It is transparent when dry, bonds outstandingly, wets well and reacts with moisture.

SPECIAL CHARACTERISTICS

- Transparent after drying
- Bonds well
- ✓ Reacts with moisture
- Excellent wetting

ARTICLE NO.

PACKAGING SIZES

114500 215 kg drum







IN ACTION SINCE 1828

Since we do not regard a job as being done until our customers are also satisfied, we have been working tirelessly for more than 185 years now at delivering customized and contemporary bonding system solutions. We are STAUF, the specialists for adhesive technology since 1828.



DOWN-TO-EARTH

Values such as thrift, diligence, persistence, serious-mindedness, and caution in both thinking and deeds are not just typical of people hailing from the Siegerland region of Germany, but are also characteristic of the STAUF brand. That's why our down-to-earth outlook is an essential component of our strong connection and identification with the Siegerland region. Our roots are important to us — just as being able to look beyond our familiar horizons.

DEPENDABLE

The absolute dependability of our products is backed up by customers all over the world. Their good availability and fast delivery are appreciated as well as the personal support and expert advice we provide.

QUALITY

To satisfy our aspiration to delivering perfectly durable adhesives, we use only high quality raw materials. Our products are also continuously quality-tested – and only leave our factory if they meet our high standards. This guarantees that our adhesives can be processed easily and will give no cause for complaint.

COMPETENT

Expertise, skill, meticulousness and qualifications are the result of our more than 185 years' experience in developing and manufacturing adhesives. This makes us well-placed to supply our customers with customized and contemporary system solutions on an ongoing basis.

TECHNICAL

Our wide-ranging and universal adhesive technologies are the culmination of the knowledge we have gained during our more than 185 years' experience. To enable us to successfully solve our customers' sticky problems in future, too, we never stop developing our technologies.

HARMLESS

Consumer protection is top of our priorities. We therefore take great care to ensure that the formulations of our adhesives will not be harmful to consumers' health. Our products also stand out with their eco-friendliness and general low emissions.

DIESER KATALOG IST GÜLTIG AB NOVEMBER 2016 11.2016/V2/1200/RD