

# STAUF

seit 1828



## STAUF R 204

polyurethane-based, solvent-free, water-free two-component adhesive for bonding synthetic turf and sports surfaces

GISCODE  
RU I



### Technical Datasheet

Product number	✓ 124251
Special features	✓ Excellent ridge formation ✓ Suitable for turf/undersoil heating systems ✓ neutral colour ✓ particularly suitable for bonding synthetic turf across its entire surface
Application range	✓ full-surface bonding of synthetic turf and sports surfaces in indoor and outdoor areas
Suitable for installation of	✓ Synthetic turf ✓ sports floor coverings
Suitable subfloors	✓ Grit or PU-rubber granulated material ✓ sports flooring subfloors
product properties	✓ 2-component-adhesive ✓ high adhesion ✓ easy to apply
Color	✓ beige
Required quantities per m <sup>2</sup>	✓ 250 - 350 g/lfm
Open time	✓ 20 - 25 minutes at 20 °C
Accessibility	✓ after 24 - 48 hours
Additional instructions 1	✓ Special instructions: All-over adhesion, usage: ✓ 2900 g/m <sup>2</sup> with STAUF notched trowel TKB C 4 ✓ 2250 g/m <sup>2</sup> with STAUF notched trowel TKB C 2 ✓ 1800 g/m <sup>2</sup> with STAUF notched trowel TKB C 1 ✓ 1350 g/m <sup>2</sup> with STAUF notched trowel TKB C 3

Room climate at work site	✓ minimum 5 °C, preferably max. 65%
Additional instructions 2	✓ Product is not applicable at high ambient humidity and condensate water appearance
Shelf-life	✓ 9 months
Available packaging	✓ 8 kg plastic bucket + 890 g plastic bottle (hardener), ✓ 15.39 kg plastic bucket + 1710 g plastic bottle (hardener)
Giscode	✓ RU1
Article-no. hardener component 2c	✓ 124211 hardener 10
Potlife	✓ approx. 25 min.
Mixing ratio component A	✓ 9
Mixing ratio component B	✓ 1
Color of component B (hardener)	✓ brown
Storage requirements 2C	✓ frost-free
Transport requirements 2C	✓ frost-free
Additional instructions 2c	✓ Transport requirements: frost-free ✓ Storage requirements: frost-free



## EXAMINATION OF SUB FLOOR

The substrate should comply with the requirements of the directives and standards for synthetic pitches. These requirements include that the substrate should not have any cracks, and be sufficiently firm, dry, level and clean. The substrate should comply with the requirements of the directives and standards for synthetic pitches. These requirements include that the substrate should not have any cracks, and be sufficiently firm, dry, level and clean.



## SUBFLOOR PREPARATION

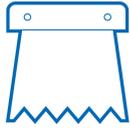
Clean the substrate by mechanical means if necessary (sweep or suction clean), depending on the type of surface. Fill cracks and joints with suitable substrates, and use granulated rubber in conjunction with a STAUF PU binder to repair cracks and joints in elastic rubber layers with a PU binder.



## MIXING PROCEDURE OF COMPONENTS

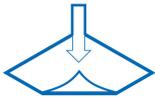
Both components should be acclimated to working temperature (approx. 20 °C) before use. Add total amount of hardener no. 10 from plastic bottle to bucket containing the resin component. Mixing of the components: Mix both components thoroughly using electric drill with stir attachment or electric stirrer with disposable stir attachment until compound has reached a uniform color (stir time: minimum 2 min.). Make sure that components are well mixed on walls and bottom of bucket. Always mix complete container content in order to ensure proper mixing ratio.

## PROCESSING



Several hours before joining the seams, roll out and lay the synthetic turf in the desired place. Insert seaming tape and adhesive into the applicator machine (e.g. STAUF applicator machine), adjust the drag line height on the applicator machine using the movable rail to suit the structure of the synthetic turf backing. Select the quantity of adhesive to be applied to ensure that the entire surface of the turf is lying in a bed of adhesive (the right amount of adhesive is crucial for the seam strength). Affix the seaming tape around the edges of the playing field or court and go along the seam with the applicator machine from one side of the playing field or court to the other. The applicator machine opens the seam, lays the seaming tape crease-free, and applies the adhesive in ridges and automatically lays the synthetic turf back into the bed of adhesive. After a rest period of 15-30 minutes, rub or roll floor covering down thoroughly. If any edges are raised, rub these again for up to 60 minutes. Weigh down the seam if necessary after joining the seam. The adhesive can also be applied using a different type of suitable tool, such as a TKB C1 to C4 trowel.

## ACCESSIBILITY



The load-bearing capacity depends on the ambient temperature.

## LIMITATION OF LIABILITY



The foregoing representations are based on the results of our most current product and material testing and are of a non-obligatory advisory nature only since we have no control over the actual quality of workmanship, materials used and worksite conditions. As such, they do not constitute an express or implied warranty of any kind. The same applies to our commercial and technical consultation services which are provided free-of-charge and without obligation. Therefore, we strongly recommend that prior on-site testing be conducted to observe and study the suitability of the product for the intended purpose. With the release of this technical information, all prior technical information (technical data sheets, installation recommendations and other information regarding similar purposes) becomes invalid.

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