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## 2-C PU TURF ADHESIVE

### PRODUCT DESCRIPTION

Two-component PU-based, green colored adhesive with very low consumption for gluing artificial turf along the seams on permitted polyester fleece tape (849 Eurotape U, 842 Eurotape F).

Fast drying. Applicable also under extreme temperature conditions (low temperature 2°C and high humidity/fog 90%) according to technical data sheet. Low consumption in comparison to other turf adhesives.

Indoor and outdoor use.

GISCODE RU 1



### PRODUCT FEATURES

Easy to apply adhesive that has through its good ridge formation a high filling capacity and hardens without shrinkage.

Up to 20 % less consumption.  
Also, suitable for bad weather conditions. Can be applied until 2 °C

### TECHNICAL DATA

|                              |                                                                                                          |
|------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Base</b>                  | component A: PUR/ polymer<br>component B (hardener PU): Isocyanate                                       |
| <b>Color</b>                 | component A: green<br>component B (hardener PU): brown                                                   |
| <b>Density</b>               | component A: 1,5 g/cm <sup>3</sup><br>component B (hardener PU): 1,24 g/cm <sup>3</sup>                  |
| <b>Texture</b>               | paste, easy to apply                                                                                     |
| <b>Cleaning agent</b>        | remove liquid spills with 815 Euroclean Handclean or 358 ToolCleaner,<br>remove dried parts mechanically |
| <b>Processing conditions</b> | non-below 5°C on the subfloor, recommended 15 -25 °C<br>35 – 80 % relative humidity, recommended <65%    |
| <b>Mixing ratio</b>          | 100 parts component A<br>15 parts component B (hardener PU)                                              |

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|---------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
|                                 | Partial mixing is not allowed.                                                                         |                                                            |
| <b>Pot life</b>                 | approx. 60 min., at 20°C, depending on temperature                                                     |                                                            |
| <b>Mode of Application</b>      | Notched trowel, size depends on floor covering backing, e.g. B3/ B11 (TKB)                             |                                                            |
| <b>Consumption</b>              | approx. 270 g/rm for 30 cm seam tape                                                                   |                                                            |
| <b>Curing time</b>              | approximately 12 hrs. at 20°C                                                                          |                                                            |
| <b>Permitted shelf-life</b>     | within approx. 12 months, opened packaging to be tightly closed and to be consumed as soon as possible |                                                            |
| <b>Storage condition</b>        | packing to be tightly closed at a dry place, temperature 5 - 30 °C                                     |                                                            |
| <b>Moisture sensitivity</b>     | component A:                                                                                           | no                                                         |
|                                 | component B:                                                                                           | yes                                                        |
| <b>Frost sensitivity</b>        | component A:                                                                                           | no                                                         |
|                                 | component B:                                                                                           | no                                                         |
| <b>Code acc. to GHS</b>         | component A:                                                                                           | no                                                         |
|                                 | component B                                                                                            | product content hazardous materials. See safety data sheet |
| <b>Environmental protection</b> | GISCODE:                                                                                               | RU1                                                        |
|                                 | B: Contains: Isocyanate. May cause allergic reaction.                                                  |                                                            |
|                                 | B: Restricted to professional users.                                                                   |                                                            |

### FLOOR PREPARATION

The subfloor has enough load-bearing capacity and suitable for sports ground without any defects. Water must be possible to drain off. The subfloor must be solid and firm according to the relevant requirements.

### APPLICATION

The hardener (component B) has to be added completely to base (component A). Mixing ratio must be followed. Once fully added, stir the mixture for a minimum of 2 minutes until it becomes a homogenous mass. Do not use those non-mixed elements which stick on the edges. Pour the mix into a second clean bucket and stir again.

Apply the mixed adhesive to the floor; do not leave the adhesive too long in the mix bucket. Use it within the pot life time.

Only mix the amount of adhesive which can be spread within the installation time (approx. 50 min. depending on the climate). Higher temperatures accelerate the hardening of the mixture, lower temperatures delay it.

The artificial grass must be laid on the subfloor, the seam is to be cut and the floor covering is to be folded back. The adhesive is to be applied on the Eurocol polypropylen seam tape (849 Eurotape U [universal]/ 842 Eurotape F [football]). The amount of the adhesive depends on the backing structure of the floor covering.

After adhesive has been applied, the floor covering can be installed within approx. 60 min. (20 °C and 65% relative air humidity, freshly made mixture). The installation time depends on the environmental temperature, air humidity and subfloor temperature. If the floor covering is installed later than 90 min. the bonding power and the wetting properties cannot be guaranteed.

After the artificial grass floor covering has been installed, please pressure roll.

The same procedure applies to the installation of game line marking.

Do not operate partial mixing.

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### NOTES

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Please pay attention to the technical data sheet and safety data sheet issued by the floor covering manufacturer. Relevant norms and regulations of the branch are to be respected. Outside Germany relevant national regulations are to be applied which must be known by the user.

The adhesive is developed to have excellent bonding on virtually all types of artificial turf. If in doubt always make a bonding test before applying on the whole surface.

The temperature of the adhesive, the environment, the subfloor and the floor covering should be between 5 and 25 °C, the relative air humidity should not exceed 90%. Lower temperatures negatively influence the consistency of the adhesive; thus, the curing time becomes longer. Higher temperatures make the adhesive to be too liquid, thus a higher amount of adhesive is to be applied. At higher temperatures, the ready-made mixture of adhesive and hardener must be applied in a very fast way.

It is recommended to wear protective gloves as both components (A and B) may penetrate the skin pores and are difficult to remove.

During wet weather (fog, morning dew, light rain) a foam-free hardening takes place. However, it is recommended to apply the adhesive to a dry seam tape. Hardener PU is sensitive to moisture, must be well sealed and stored in a dry place. Crystalized hardener is no longer processible.

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### PACKING

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12 kg container (44 / palette), 1,8 kg component B (hardener PU) (6 in carton)

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### SPECIAL NOTES

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Any application method/ conditions other than specified in this Technical data sheet require explicit manufacturers approval. In case of deviance in application method/ conditions liability by manufacturer cannot be guaranteed.

This technical data sheet contains advice on handling and application of the product, based on experience and tests run by the manufacturer in laboratory and practical work.

The information supplied by the manufacturer are non-binding and cannot be used as a basis for establishing the manufacturers liability for any damages caused. The values stated in this technical data sheet were measured under standard laboratory conditions. As application conditions outside the laboratory vary strongly this technical data sheet must be considered a guide only. Therefore, the manufacturer does not take liability for damages caused by the customers utilization of the technical data sheet content.

As use, processing- and storage conditions on site are beyond manufacturers influence, a warranty for the processing result cannot be given. This also includes the infringement of any rights for the protection of third parties.

Sufficient testing areas are to be provided before final application. Relevant national norms and regulations of the industry are to be observed. Outside Germany valid, relevant national norms and regulations, have to be taken into account and to be followed by the customer. It is the responsibility of the customer to check product suitability for the intended procedure and purposes prior to use. This Technical Information supersedes all previously issued application data sheets and product information are no longer valid!

Technical information and Material Safety Data Sheets of concomitantly used installation materials must be followed carefully.

The products delivered by the manufacturer are for professional use only. Keep away from children.  
The manufacturers terms and conditions are binding.

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