

PRODUCT DATA SHEET

CascoThan 2K

CASCOTHAN 2K IS A 2-COMPONENT, WATER RESISTANT POLYURETHANE ADHESIVE FOR GLUING OF RUBBER TILES.



DESCRIPTION

CascoThan 2K is a 2-component, water resistant polyurethane adhesive for gluing of rubber-tiles. Can be used for gluing in- and outdoors of synthetic rubber-coverings.

USES

For gluing in- and outdoors of synthetic rubber-coverings.

CHARACTERISTICS / ADVANTAGES

- 2-component polyurethane adhesive
- Contains no water
- Chemical resistant
- Free from solvent

PRODUCT INFORMATION

Composition	Polyurethane and MDI hardener
Packaging	6 + 1,05 kg bucket
Colour	Light brown
Shelf life	At least 12 months if stored in minimum +10 °C in well closed packages.
Storage conditions	May not be exposed to temperatures below 0 °C and above +30 °C.
Density	Approx. 1740 kg/m ³
Consistency	Thixotropic
Solid content by weight	Approx. 100 %
Viscosity	Pasty

APPLICATION INFORMATION

Consumption	1 liter / 1-4 m ² .		
Substrate Temperature	Application temperature: +10 °C to +23 °C and 20–70 % RH.		
Application Time	Assembly time, approx. 0–60 minutes.		
Yield	Material	Trowel	Amount
	Rubber tiles with even backside	6118	2 m ² /l
	Rubber tiles with nob backside	6119	1 m ² /l
	Rubber carpets	6108	4 m ² /l

APPLICATION INSTRUCTIONS

When using CascoThan 2K on new produced concrete we recommend minimum 10 mm self leveling compound.

SUBSTRATE PREPARATION

The underlayer must be clean, even, dry and free from oil spill. Other remainders of some concrete, floor levelling compound must be removed before gluing.

MIXING

The packages unit contains 1,05 kg Hardener and 6 kg CascoThan 2K. In the top there is the Hardener and in the bottom CascoThan 2K. When using the adhesive CascoThan 2K pour the hardener into the bucket with CascoThan 2K. Mixing of the two components is carried out using a slow rotating drilling machine. Stir well to achieve a homogeneous mixture. Do not mix more adhesive than you can use within appr. 45 minutes.

CLEANING OF EQUIPMENT

Tools with non-cured product can be cleaned with acetone. Cured product is to be removed mechanically. Do not use compressed air for blowing clean.

APPLICATION

Pour out all mixed adhesive on the floor. Apply the mixed adhesive to the subfloor with a toothed trowel. Wait for 15 - 20 minutes. During this time the consistency of the applied adhesive thickens. This prevents the laid rubber-tiles from moving too much and avoids pressing up of the adhesive. If the laying of the tiles is done directly after the application of the adhesive the tiles will slide too much and adhesive is pressed up. After an open time of 15 - 20 minutes the mounting of the tiles must be completed within appr. 60 minutes. Please note that the given time is valid at room temperature. Higher temperature will shorten and lower temperature will prolong the time for using the adhesive.

When mounting of the tiles is completed carefully use a carpet roller. The gluing of the tiles should be planned so that the necessary after-rolling can be made at the latest 2 hours after the gluing. Areas where tension occurs must be charged with loads using sandbags.

During the first 4 - 6 hours at room temperature walking on the newly laid area should be avoided. The hardening of the glue-joint is completed after appr. 24 hours. At lower temperature, 10 °C, the hardening will take appr. 2 - 3 days.

Always make sure the adhesive is still wetting when the gluing takes place.

Follow the recommendations from the material manufacturer with regard to temperature and RH.

IMPORTANT CONSIDERATIONS

Handling and cleaning instructions

When working with adhesives, cleanliness must be observed. Therefore always work carefully and systematically in order to avoid an unnecessary spillage.

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The product is not classified as hazardous to health. See information about the hardener.

Cleanliness and tidiness in the working areas are of importance when using adhesives.

Fulfil the local demands.

Hardener

Contains Diphenylmethan-4,4'-diisocyanate. Harmful by inhalation. Irritating to eye, respiratory system and skin. May cause sensitization by inhalation.

Keep out of reach of children. By accidental contact with eyes, rinse immediately with plenty of water and seek medical advice. Contains isocyanate which by some persons might cause allergic reactions. Maintain good ventilation and use protective gloves to prevent skincontact.

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BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Casco products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or on the website www.casco.eu.

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