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## Product Data Sheet

# SO CARPET

CARPET ADHESIVE  
DEVELOPED FOR TEXTILE FLOORS



### Product Summary

Carpet adhesive. For interior use only.  
Suitable for bonding all types of textile floor coverings onto all types of substrates.

### Description

*SO Carpet* is a solvent-free adhesive in water dispersion with a strong initial bond and long open time, specially developed for textile floor coverings. Supplied in a beige coloured paste form it is easy to spread. *SO Carpet* has extremely low emissions of VOC making it harmless to the installer and those who use the environment in which it is applied. It may be stored without taking any particular precautions.

### Technical Data

Product Data	
Consistency	creamy paste
Colour	light beige
Density (g/cm <sup>3</sup> )	1.35
pH	8.5

Application Data (at +23°C - 50% R.H.)	
Application temperature range	from +15°C to +35°C
Waiting time	0-20 minutes
Open time	30-40 minutes
Set to light foot traffic	after approx. 3-5 hours
Redy to use	24-72 hours

Final Performance Data	
Peel 90° adhesion test according to EN1372 (N/mm)	
- Carpet with Action Bac®	>1
- Needle-punched	>1

### Use

*SO Carpet* is used for bonding textile floor coverings with all types of backing material on most types of interior, absorbent substrates typically present in the construction industry which are stable in the presence of humidity. The adhesive has a very high initial grab, and a long open time, so that materials may be laid up to 30-40 minutes after application. *SO Carpet* has been developed so that it is particularly suitable for laying textile floor coverings in environments subject to intense traffic. Suitable for stresses from chair castors according to EN 12529 and for use with underfloor heating systems (surface temperature must not exceed British Standard recommendation). Heating to be switched off at least 48 hours before, during and for a further 48 hours after the floor covering installation.

### Preparation of the substrate

All stages of the installation should comply with current British Standards. The substrate must be clean, smooth, level, of sound construction, permanently dry, free from cracks, dust, loose particles, paint, wax, oil, rust and traces of gypsum and any products that may compromise the bond.

Floors with a moisture level above 75% RH should be treated first with suitable surface applied DPM, this will suppress residual/ static moisture in prepared power floated concrete or sand/cement screed, provided that a base dpm has been incorporated. For gypsum based substrates the maximum moisture level must be 0.5% w/w or less measured using a carbide hygrometer. Any cracks in the substrate should be filled, followed by the application of a suitable smoothing compound. It is essential to make sure there is no rising damp present. Unbonded screeds laid over lightweight concrete or over insulation and screeds laid directly onto earth must be separated by a vapour barrier to prevent rising damp.

### Adhesive Application

*SO Carpet* must be applied in an even layer on to the substrate with an A2 trowel to guarantee that the adhesive completely covers the back of the material. The floor covering must be placed into the adhesive while it's still wet, no later than 30-40 minutes. The surface of the material must be rolled immediately after installation to ensure the adhesive is transferred to the back of the floor covering.

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### Floor covering installation

Follow the laying instructions supplied by the manufacturer of the floor covering, and make sure that the floor covering and the substrate are at the recommended temperature before laying. The adhesive waiting time varies from 0 to 20 minutes, according to the absorption of the substrate and the surrounding conditions (temperature and humidity). In all cases, the floor must be laid within the open time of 30-40 minutes, when the adhesive may still be transferred onto the backing material. The surface of the material must be rolled with a 68 kg roller immediately after laying the floor covering, starting from the centre and working towards the edges, to make sure the adhesive is transferred to the back of the floorcovering. If necessary, repeat the rolling operation after a few minutes.

### Cleaning

Traces of fresh adhesive can be removed with water. Once dry, the adhesive can be removed with alcohol or another suitable adhesive remover.

### Coverage

Dependent on the smoothness of the substrate, type of backing material and trowel used – approximately 55m<sup>2</sup> per 15kg tub using an A2 trowel.

### Packaging

15kg tub

### Storage

12 months when stored in the original unopened packaging. Protect from frost.

### Health & Safety

It is recommended the installer wear protective gloves and goggles and take the usual precautions for handling chemicals.

For further installation and safety information please refer to the current safety data sheet.

Whilst we try to ensure that any advice, recommendations or information given in our literature is accurate and correct, we have no control over the circumstances in which our product is used. It is therefore important that the end users satisfy themselves that the product and conditions are suitable for the envisaged application. No warranty can be given or responsibility accepted other than, that the product supplied by us will meet our written specification. End users should ensure that our latest product data and safety information sheets have been consulted prior to use.

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PRODUCT FOR PROFESSIONAL USE