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Product Data Sheet

SO TACK

SURFACE TACKIFIER FOR LOOSE-LAID TEXTILE FLOORING IN SHEET & TILE



Product Summary

Surface Tackifier for loose-laid carpet tiles. For interior use only. Suitable for bonding carpet tiles backed with PVC, polypropylene, fibre backed bitumen and other polymer backings onto concrete, cementitious screeds, raised access floor panels, asphalt, terrazzo, chipboard, plywood, smoothing compounds and some existing floor coverings.

Description

SO Tack is a solvent-free, non-staining, acrylic-based adhesive that dries to a permanently tacky film which allows the removal and replacement of carpet tiles when required.

It has an extremely low emission level of volatile organic compounds which makes it harmless to those who use the product and the environment in which it is used. It may also be stored without taking any particular precautions.

Technical Data

Product Data	
Consistency	liquid
Colour	light cream
Density (g/cm ³)	1.00
pH	8.5
Dry solid content	60

Application Data (at +23°C - 50% R.H.)	
Application temperature range	from +15°C to +35°C
Waiting time	once adhesive has become transparent

Final Performance Data	
Resistance to wheelchair stress:	good
Underfloor heating systems	suitable

Use

SO Tack is specially designed for the non-permanent bonding of carpet tiles backed with PVC, polypropylene, fibre-backed bitumen and other polymer backings. It is suitable for use on substrates including concrete, cementitious screeds, raised access floor panels, asphalt, terrazzo, chipboard, plywood, smoothing compounds and some existing floor coverings. Suitable for use over 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 floor covering installation. In environments subject to excessive variations in temperature, and for floor coverings that are not completely dimensionally stable care should be taken as movement may occur resulting in gapping.

Preparation of the substrate

All stages of the installation should comply with current British Standards. The substrate should be clean, smooth, level, of sound construction and permanently dry. Any surface treatments that could hinder adhesion must be removed. 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. On very absorbent surfaces first apply a coat of *SO Prime* before applying *SO Tack*. Any cracks in the substrate should be filled, followed by the application of a suitable smoothing compound. On new uneven concrete, or other impervious substrates, the smoothing compound should be applied at a minimum thickness of 3 mm. Where a concrete base has had a surface treatment applied, this should be mechanically removed prior to the application of the smoothing compound.

General Preparation

Before beginning the installation, make sure that the adhesive, the material and the substrate are acclimatised to the recommended temperature and R.H. The material must be removed from any packaging and laid out to permit acclimatisation and reduction of tensions produced by packaging.

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Adhesive Application

So Tack should be applied with a pre-wetted (in the adhesive) lambswool or mohair roller over the entire area and allowed to dry from white to a transparent, tacky film, then carpet tiles can be installed. When it is required to keep the substrate clean, the adhesive should be applied to the back of the tile, allowed to dry, then the tile may be laid onto the floor. Once the adhesive has dried the tiles should be laid into position ensuring they are flat and no air is trapped.

Floor covering installation

Follow the laying instructions supplied by the manufacturer of the flooring material. Lay the flooring in place and then smooth over the surface evenly.

Drying time

The drying time depends on the ambient temperature, humidity and airflow, but is considerably slower where conditions are cold and/or wet. At 18°C the drying time should be generally 30 minutes to 12 hours.

Cleaning

Fresh adhesive can be removed with water. Once hardened, the dried adhesive can be removed with white spirit.

Coverage

Dependent on the smoothness of the substrate – approximately 270-300m² per 20kg bottle.

Packaging

20kg bottle

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