



www.soflooring.com

Lee Floorstok
 Unit B1 The Dresser Centre
 Whitworth Street
 Manchester
 M11 2NE
 Tel: 0161 231 8080
 Fax: 0161 231 8787
 Email: leefloor@aol.com
 Web: leefloorstok.com

Product Data Sheet

SO ACRYLIC

MULTIPURPOSE ADHESIVE FOR RESILIENT FLOOR COVERINGS



Product Summary

Universal high temperature multipurpose adhesive for resilient floor coverings. For interior use only.

Suitable for bonding:

- sheet and tile rubber flooring with smooth or textured surfaces;
- homogeneous and heterogeneous PVC floor coverings, sheets and tiles;
- LVT (Luxury Vinyl Tiles).
- textile floor coverings with all common backings (latex-primed, PVC and polyurethane foam, natural jute and Action-Bac® backed carpets, etc.);
- needle-punch woven flooring also in latex;
- flocked flooring;
- semi-flexible vinyl floor tiles (VCT);
- linoleum with natural jute backing;
- polyurethane, polyolefin and synthetic back linoleum flooring;
- polyolefin-based and chlorine-free floor coverings;
- PUR floor coverings;
- PVC and rubber wall coverings.

Description

SO Acrylic is a solvent-free, hard-set, highly shear resistant, wet bed dispersion adhesive for the installation of PVC and rubber flooring coverings. It is suitable as a universal adhesive for all common resilient and textile floor coverings including LVT and linoleum, easy to apply with little to no waiting time. Characterised by a fast and strong initial grab and a rapid set, in addition to a rigid and cohesive final film, it gives the floor coverings excellent dimensional stability. It 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.

Use

SO Acrylic is specifically for PVC and rubber floorings and wall coverings on absorbent substrates. Also suitable as universal adhesive for all common resilient and textile floor covering types. For use on floors and walls in interior applications.

Suitable on level and absorbent surfaces and with underfloor heating systems (surface temperature must not exceed British Standard recommendation). Heating to be switched off at least 48 hours before, during and a further 48 hours after floor covering installation.

It can be used for static and dynamic loads, including intense load, in residential, commercial and industrial sectors (e.g. in hospitals, shopping centres, airports, etc.). Suitable for stresses from chair castors according to EN 12529.

Technical Data

Product Data	
Consistency	creamy paste
Colour	Beige
Density (g/cm ³)	1.25
pH	8

Application Data (at +23°C - 50% R.H.)	
Application temperature range	from +15°C to +35°C
Waiting time	5-10 minutes
Open time	20-30 minutes
Set to light foot traffic	3-5 hours
Redy to use	24-48 hours

Final Performance Data	
Peel 90° adhesion test according to EN1372 (N/mm)	} in compliance with EN 14259
- homogeneous PVC	
- heterogeneous PVC	
- smooth rubber	
- linoleum	
- Carpet with Action Bac®	

Product Data Sheet

SO ACRYLIC

MULTIPURPOSE ADHESIVE FOR RESILIENT FLOOR COVERINGS



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 moisture levels above 75% RH should be treated first with suitable surface applied DPM, this will suppress residual/static moisture in a power floated concrete slab 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 measured using a carbide hygrometer. Any cracks in the substrate should be filled, followed by the application of a suitable smoothing compound. Non-absorbent substrates will also require a suitable smoothing compound to a minimum thickness of 3mm. 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.

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.

Adhesive Application

So Acrylic is ready to use and does not need any preparation. Before using, stir the adhesive in the bucket. Apply the adhesive evenly to the substrate with a suitable notched trowel. When installing thin wall coverings, a long nap roller may be used as an alternative (ensure the wetting of the backing material).

Floor covering installation

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

Follow the manufacturer's instructions. Leave a waiting time according to the application quantity, climatic conditions, substrate absorbency and type of covering. Only apply as much adhesive as can be covered within the open time and with good transfer to the backing of the covering. Lay the floor covering whilst still wet fully in-line with the floorcovering manufacturer's instructions and smooth out from the centre to remove any entrapped air and ensure full contact with the adhesive. Roll using a 68kg roller after approximately 30 minutes and again after the installation has been completed.

Note: waiting and open time may vary depending on temperature, relative humidity and absorbency of the substrate. They will be shorter at higher temperatures and lower humidity, but longer at lower temperatures, higher humidity and with low absorbent substrates.

Cleaning

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

Coverage

Dependent on the porosity of the substrate, type of backing material and trowel used – approximately 60m² per 15kg tub and 20m² per 5kg tub using an A2 trowel.

Packaging

15kg & 5kg 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.

www.leefloorstok.com

PRODUCT FOR PROFESSIONAL USE