

EUROBOND Solo-High Tack

Product description

Techsil Solo-High Tack is a single part structural adhesive, with high initial grab and fast cure. It produces highly resilient bond between a wide range of substrates with the exception of PE and PP. The resultant bonds are resistant to water, sea water, oils and most common solvents and temperatures between -40 C to +150 C as well as UV light and aggressive environments. Techsil Solo-High Tack has been specifically formulated to build high initial bond strength on a variety of complex substrates including those associated with industrial prefabricated structures, portable utility buildings, dwellings, containers and vehicle bodies. It can be used for other industrial applications such as bonding and sealing of steel floor plates, rubbing strips, skylights, heavy profiles, lap seams etc. Techsil Solo-High Tack has been designed to hold unsupported components against a vertical plane or soffit soon after application. Techsil Solo-High Tack is nonhazardous, contains no free isocyanates, VOC's, acids or halogens. For most applications primerless adhesion can be obtained. Techsil Solo-High Tack is tolerant to damp substrates and does not shrink on curing.

During the early part of the curing process of the adhesive, it is possible to move, adjust or re-align the adhesive joint up to 50%.

Material

MS Polymers

Advantages

- Durably elastic
- High absorption of acoustic vibrations.
- Neutral curing, practically odourless.
- No shrinkage
- High mechanical resistance. □ Mold and bacterial resistant.
- No edging contamination with marble and natural stone.
- Isocyanate-, solvent and Silicone free.
- Can be painted over with most water based and 2K paint systems.
- Good weather and moisture resistance.
- Adheres excellently without primer to most, even moist surfaces.

Application instructions

- Apply the adhesive using the nozzle in vertical lines. The distance between lines amounts to 10 to 20cm. Then press the materials until there is at least 2 to 3mm between the material to be adhered and the surface. Do not apply Techsil Solo-High Tack with pads! The initial strength means support during curing is usually not required. Techsil Solo-High Tack is white.
- The surfaces must clean and dry, any non-cured residues or soiled materials can be removed with Techsil IPA Surface wipes. Always pretreat porous surfaces with Techsil Primer.
- Always test the surface beforehand for adhesion. Techsil cleaning wipes can be used for hands and tools.

Contact Details

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Available forms

Tube 290ml

Shelf life

18 months in unopened packaging. Store at temperatures between 5 C and 25 C. **Properties**

100% Modulus	1.39 MPa (N/mm ²)
Extrusion value g/min @3mm/4 bar	20
Processing temperature	5 C to 40 C
Basis	Polymers
Curing	3mm per 24 hours
Density	1.58 g/ml
Flow resistance ISO 7390	<2mm
Elongation at break	400%
Frost-resistance during transport	to -15 C
Tensile strength N/mm ²	2.8 MPa
Hardness	65 Shore A
Skin formation at 23 C	15 minutes
Temperature resistance	-40 C to 90 C

Certificates

- Eimcode EC1 Plus
- M1

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their particular use.

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