

Proflex NS-SA

Neutral-Curing Silicone Weather Sealant for Building Joints

Description

It is one component, neutral silicone sealant with high movement, excellent adhesion to a wide range of substrates, low modulus, UV & OZ resistance, elastic, and suitable for hot and tropical weathering & fungi static.

The material is complying to ASTM C920, Type S, Grade NS, Class100/ 50 Use M, G, A, O, NT

Where to use

- Sealing moving joints
- Expansion joints
- Control joints
- Concrete panel joints
- Tilt-up panel joints
- Perimeter caulking of windows, doors and panels

Advantages

- Excellent adhesion
- High movement
- Weather resistant
- UV- resistant
- Elastic & Flexible
- Neutral cure
- Anti-fungi
- Solvent free

Properties

Composition	Neutral Silicone
Color	Grey, Black
Density	1.5 Kg/L
Curing rate	2 mm/day
Skinning time	25 - 30 minutes (25 °C, &50% R.H)
Tack free time	2 - 3 hours
Service temperature	-40 °C / +150 °C
Shore A hardness	25
Elongation at break	700 - 900 %
Tensile Strength	1.23 - 1.5 N/mm ²
Movement capacity	+100/-50 %
Bond Strength to concrete	1.1 - 1.2 N/mm ²

How to use	<ul style="list-style-type: none"> • All surfaces must be sound, clean, dry & free from oil, grease, and dust • For non-porous surfaces such as glass & metals no primer is required • For porous surfaces such as concrete, mortars, renders & bricks, primer is required
Application	<ul style="list-style-type: none"> • Install a backing rod Kemrod to adjust width/depth • Insert the cartridge into the sealant gun and extrude the sealant into the joints • Avoid air extra parent, assure full contact with the joint sides • Use masking tape for joint lines and remove it after skinning time
Limitation	<ul style="list-style-type: none"> • The sealant cannot be over painted • Color change may be occurring due to exposure by chemicals • Do not use the sealant on natural stone, bitumen, natural rubber • Do not use the sealant in swimming pools or underwater
Cleaning	Clean all tools & equipment immediately after use
Joint configuration	<ul style="list-style-type: none"> • Joint width 6 - 45 mm • Joint depth 6 – 15 mm • Width: Depth 2:1
Theoretical Coverage	Joints (20:10 mm) / 3LM / 600 ml cartridge
Packaging	600 ml foil pack
Shelf life & Storage	12 months if stored properly in original unopened packaging
Health and Safety	<ul style="list-style-type: none"> • Use goggles, Gloves and breathing mask when applying • Applied forced ventilation in confined spaces • Skin splashes to be removed with hand cleaner, soap and water • Eye splashes to be washed with plenty of water • If ingested seek medical advice.
Additional Information	<p>PROKEM provides the construction industry with a comprehensive range of construction chemicals and specialty products answering the queries of modern engineers for trouble free durable structure</p> <p>PROKEM designs tailor made products should there be critical application that requires specific properties rather than our main range. For our customer's satisfaction</p> <p>PROKEM reserves the right to change the properties of its products</p> <p>All orders are accepted subject to our current term of sale & delivery</p> <p>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</p> <p>PROKEM extends technical services to include after-sales support to assist users in the proper handling of our products</p>