

Proflex MS

High Performance, Weather-Proofing Sealant & Adhesive Based on Modified Silicone

Description	It is a tough durable, adhesive, and sealant used for internal & external building applications.
Description	It is based on SMP technology. It has excellent primer less adhesion to a wide range of surfaces even wet or underwater, it does not stain concrete & marble the colors are white, black, grey, and others.
Where to use	<ul style="list-style-type: none"> • Concrete & masonry • Swimming Pools, Bathrooms, and Spas • Cement plaster • Aluminum, copper, brass & zinc. - Stainless & galvanized steel • Glass & ceramics • Wood & rubber
Advantages	<ul style="list-style-type: none"> • Weather resistant • Excellent adhesion without a primer • Resistant to rust and corrosion • Non-stain or change color of marble, bricks nor concrete • Paintable • Excellent flexibility • Non-shrink & Non-sag • Eco-friendly
Properties	It complies with ASTM C-719, D-2240, D-412, C-794, ASTM C 920, Type S, Grade NS, Class 25, Use NT, G, O, A, M
Density	1.4 Kg/L
Chemical base	MS Polymer
Shore A hardness	20 - 24
Movement capacity	±25%
Tensile strength	1.7 – 1.83 N/mm ²
Bond strength	0.85 N/mm ²
Elongation	800 – 1000%
Temperature resistance	-40 °C + 90 °C
Working Time	1 Hour
Tack Free Time	1.5 Hour
Adhesion in peel	
Concrete	53 N
Glass	28 N
Aluminum	32 N
Mortar	51 N
How to use	Clean all substrate surfaces removing contaminants (e.g. dust, oil, loose debris, and so on.).
Joint configuration	<ul style="list-style-type: none"> • Min. width 10 mm • Max. width 35 mm • Width: Depth / 1:1 to 2:1

Application	<ul style="list-style-type: none"> Install a backup material Kemrod to adjust width & depth Apply masking tape to insure a clean appearance and reduce clean-up Joints don't need a primer except for porous surfaces such as concrete Applying sealant with air-operated guns and bulk dispensing equipment into the base of the joint so that it completely fills the joint, wetting both sides Tool the surface of the joint immediately after sealant application to provide a smooth even finish and to ensure the sealant skins Remove masking tape
Cleaning	Tools must be cleaned within the skin time with Prosolve or mechanically if cured
Packaging	600 ml. sausage
Theoretical Coverage	For joints (10*20mm) : 3 Lm/ 600 ML cartridge
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>