

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. 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	ASTM C-920 Limit ≥ 22.2
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>