Quality Needs Quality

Proflex HM

A Versatile, One Component, High Modulus, Polyurethane Adhesive & Sealant

Description	**Proflex-HM** is a high-quality, one-component, fast-curing Polyurethane adhesive & sealant with high modulus for a wide range of sealing and bonding applications. It complies with ASTM C920, Type S, Grade NS, Class 12.5, Uses T, NT, O, M, G, I, Class TT-S-00320
Where to use	• Marine and automotive industries • Metals, Metal primers & paint coatings • Ceramics • Wood • Plastic
Advantages	• Very easy application • Elastic, resistant to aging after curing • Very good adhesion on many materials • Excellent resistance to many chemicals • Can be overpainted • Resistant to weathering and UV • Suitable for potable water • Non-sag
Properties	
Base	Polyurethane
Consistency	Paste
Density	1.6 gm/ml
Shore-A hardness	40
Elongation at break	> 450%
Touch to dry	210 min @ 25 °C
Temperature resistance	-30/+80 °C
Joint Movement Capacity	15%
Bond Strength	1.28 N/mm^2
Tensile Strength	1.27 N/mm^2
How to use	• All usual building surfaces, most metals, polyesters, and many plastics – not on glass State of Surface: clean, dry, free of dust and grease • Joint sides must be protected by self-adhesive tape • All joints must be straight and have regular dimensions • Joint depth must be controlled by inserting backfilling **Kemrod** with the correct diameter • No primer is required for nonporous surfaces
Joint configuration & Coverage	• Minimum Width: 2 mm (in bonding applications) 5 mm (in joints) • Maximum Width :10 mm (in bonding applications) 30 mm (in joints) • Minimum Depth: 5mm (in joints) • Width: Depth / 1:1 to 2:1

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Application	• Use caulking gun for applying the material • Application temperature: +5 °C to +40 °C • Finish with fresh clean water before skinning
Theoretical coverage	600 ml / 6 Lm for a joint 10 mm × 10 mm
Packaging	Cartridges of foil pack 600 ml
Shelf life & Storage	One year if stored properly in original unopened packaging
Health and Safety	• Use goggles-gloves and a breathing mask when applying • Apply forced ventilation in confined spaces • Remove splashes from skin with hand cleanser or soap and water • Eye splashes to be washed with plenty of water
Additional Information	**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. **PROKEM** designs tailor made products should there be critical application that requires specific properties rather than our main range, then and for our customer's satisfaction, **PROKEM** reserves the right to change the properties of its products. All orders are accepted subject to our current term of sale & delivery. 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. **PROKEM** extends technical services to include after-sales support to assist users in the proper handling of our products.