

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	468%
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	• Mini. Width: 2 mm (in bonding applications) 5 mm (in joints) • Max. Width :10 mm (in bonding applications) 30 mm (in joints) • Minimum Depth: 5mm (in joints) • Width: Depth / 1:1 to 2:1

Application	• Use caulking gun for applying the material • Application temperature: +5 °C to +40 °C • Finishing: 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. 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.