

PRO FIX STRONG BOND

ADHESIVES AND SEALANTS

- Solvent, Isocyanate- and PVC free
- Very good UV- and aging resistance
- Neutral, odourless and fast curing
- Paintable after skin forming

PRODUCT DESCRIPTION :

Pro-Fix is based on Silyl Modified Polymer bonding product with a high tensile strength and is suitable for making elastic constructive compounds. Pro-Fix can also be applied as a sealant. Pro-Fix has been tested and certified to the International Maritime Organisation Fire Test Procedures for Surface flammability, resolution A.687 and is approved for bonding decking on steel and aluminium. The use of Pro-Fix guarantees an increased and controlled cure assurance in the production process and extends the application.



APPLICATIONS :

- Elastic bonding and sealing in e.g. bus, caravan, train and yacht construction.
- Bonding of roofs on buses, rains, etc.
- Bonding of aluminium or polyester corner profiles on trailers.
- Bonding of polyester parts on metal frames.
- Bonding of floor systems.

INSTRUCTIONS :

Generally exhibits Pro-Fix without primer good adhesion to clean, dry, dust and grease free surfaces of aluminium, stainless steel, galvanized steel, copper, brass, powder, coated metal, most lacquered metal surfaces, glass, PVC, glass fibre reinforced polyester, coated wood. No adhesion to untreated polyethylene, polypropylene and Teflon.

SPECIFICATIONS :

Basic raw material:	Silyl modified Polymer
Curing Method:	humidity
Density:	about 1,5 g/ml
Skin formation time:	about 10 min. (20°C/50%R.V.)
Open time:	< 15 min. (20°C/50%R.V.)
Curing after 24 hours:	about 3 mm (20°C/50%R.V.)
Shore A hardness:	about 60 (DIN 53505)
Volume change:	< 3% (DIN 52451)
Initial strength: (max. to bring weight per m ² uncured adhesive without sagging)	about 500 Pa (Physica Rheometer MC100)
Tensile contraction (100%):	about 2,7 MPa (DIN 53504/ISO 37)
Tensile contraction at fraction:	about 3,5 MPa (DIN 53504/ISO 37)
Elongation at break:	about 300% (DIN 53504/ISO 37)
Slip of contraction: (Alu-Alu; glue thickness 2mm, test speed 50 mm/min.)	about 3,0 MPa (DIN 53283/ASTM D1002)
Further tear strength: (Type C, test speed 500 mm/min.)	about 17 N/mm (DIN 53515/ISO 34)
E-Modulus(10%):	about 4,8 MPa (DIN 53504/ISO 37)
Solvent content:	0%
Isocyanate content:	0%
Temperature resistance:	-40°C to +120°C
Processing temperature:	+5°C to +35°C
UV- and weather resistance:	very good