

PROCLAD ADHESIVE

Technical Data Sheet

Description: PROCLAD ADHESIVE is a multi-purpose one-component structural sealant/adhesive designed for difficult bonding and sealing applications. PROCLAD ADHESIVE is moisture curing and was developed for industrial uses requiring elasticity, high strength and excellent adhesion.

PROCLAD ADHESIVE is an excellent choice for many product assembly applications. PROCLAD ADHESIVE is tough, elastic and waterproof. PROCLAD ADHESIVE often provides *primer-less* adhesion to steel, aluminum, ceramics, Styrofoam®, coated metal, glass, wood, fiberglass, and many plastics (Acrylic, Polycarbonate, ABS, and PVC). PROCLAD ADHESIVE is also suited for many applications requiring adhesion to concrete and cementitious building materials.

PROCLAD ADHESIVE is based on a unique polymer system that will cure at temperatures as low as 13°F. PROCLAD ADHESIVE has excellent weathering characteristics and is suitable for use in all climates.

Features and Benefits

- Solvent and isocyanatefree
- Non-silicone
- Non-flammable
- Fast curing
- Permanently elastic in a broad temperature range
- Paint compatible
- Low odor
- Extremely low shrinkage

Physical Properties

- Basic Material: Hybrid Polymer
- Consistency: Paste
- Color: Black, White and Grey
- VOC <24g/L EPA Method 24
- Components: 1
- Type: Elastomeric
- Specific Gravity: 1.4 to 1.6
- Shelf Life: 10 months in unopened containers stored between 60° and 80°F

Approximate Performance Properties

Shear Strength	230 psi	ASTM D-1002
Tensile Strength	450 psi	ASTM D-412
Elongation at Break	500 %	ASTM D-412
Shore A Hardness	55	ASTM C-661
Initial Skin Forming	10 minutes	
Slump (Sag)	None	ASTM C-639
Stain Testing Tack	No staining 25	
Free Time	minutes	ASTM C-679
Extrusion Rate	311 g/min	@40psi, 5mm orifice
Volatiles	<24 g/L	
Low Temperature Flex	-20°F	ASTM C-711
Service Temperature	-40°F to 290°F (temporarily resistant to 390°F)	

Packaging Options

305 ml (10.3 oz)
cartridges
828 ml (28 oz) cartridges

25 kg pails (5 gallon)
285 kg drums (50)



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