



Tech Data Sheet

SM5310

ADHESIVE/SEALANT Solvent Free Pan-L-Bond Replacement



PRODUCT DESCRIPTION

Silchem SM5310 is a multi-purpose, one-part, high strength adhesive/sealant that is VOC complaint in all 50 states. This unique sealant is free from solvents, isocyanates, and other hazardous raw materials. It cures on exposure to atmospheric moisture to form a highly durable flexible bond. It has been formulated to offer outstanding primerless adhesion to most common materials including vinyl, aluminum, steel, concrete, wood, and glass. It can be applied and tooled under most weather conditions.

Product Data			
Typical Properties			
Appearance	Smooth	Adhesion-in-Peel ⁽¹⁾	
Color	Black	ABS Plastic	29
Specific Gravity	1.30	Aluminum	28
Extrusion Rate (gm/min)	200	Brick	15
Slump (in)	0	Tile	30
Skin Over Time (min) ⁽²⁾	3	Concrete	31
Tack Free Time (min) ⁽²⁾	20	Fiberglass	24
Shore "A"	35	Glass	29
Tensile Strength (psi)	250	Wood	26
Elongation (%)	400	PVC	28
Modulus (psi)	150	Steel	25
Solid (%)	98	Polycarbonate	26
VOC by Weight	<3%		

(1) ASTM C-794-06

(2) Exposed to air, 77°F and 50% relative humidity

Features & Benefits

- VOC Compliant in all 50 states.
- Application temperature: -35°F to 140°F
- Service temperature: -85°F to 450°F
- Non-flammable.
- Free from solvents and isocyanates.
- Outstanding bond strength.
- Ease of application.
- Long open time allows for accurate placement/re-placement.
- Freeze-thaw stable. Product can be applied in all weather conditions.

Clean Up

Uncured adhesive can be easily removed using a solvent such as alcohol or acetone. For an environmental and health friendlier choice for cleanup use Biggie Wipes from Sildr Products, www.sildrproducts.com, eCommerce Division of The Silchem Group. If the adhesive is cured it must be removed manually by cutting and scraping.

Storage and Shelf Life

When stored in the original unopened containers at or below 90°F (32°C), has a shelf life of 12 months from date of shipment.

Cautions

DIRECT CONTACT OF UNCURED ADHESIVE IRRITATES EYES AND MAY IRRITATE SKIN. OVEREXPOSURE TO VAPOR MAY IRRITATE EYES, NOSE, AND THROAT. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hands. IN CASE OF EYE CONTACT, flush eyes with water for 15 minutes. Obtain medical attention. IN CASE OF SKIN CONTACT, remove from skin and flush with water. KEEP OUT OF THE REACH OF CHILDREN. For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

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