



Chemthane 1165

Polyurethane Repair Material for Secondary Containment Linings

Description

Chemthane 1165 is a two-component, batch-mix, 100% solids polyurethane elastomer specifically formulated for the repair of secondary containment polyurethane and polyurea elastomers.

It cures quickly and adheres tightly to the surface-prepared repair area, resulting in a seamless, durable patch to the existing containment system.

Packaging, Storage, & Shelf Life

Chemthane 1165 packaged in dual-cartridge 300ml X 300ml caulk tubes. It should be stored in sealed containers between 60°F and 90°F. Shelf life is 12 months under normal conditions.

Safety

Chemthane 1165 is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. During application, wear a respirator in a well ventilated area. Be sure to read MSDS in its entirety prior to using Chemthane 1165.

Technical Data

Property	Value
Hardness, Shore A	90
Hardness, Shore D	40
Tensile Strength, psi	2,550
Elongation, %	350
Tear Strength, pli	280
Abrasion Resistance, mg loss CS17 wheels, 1000g, 1000 cycles	25
Application Temperature	
Substrate, °F	50 to 100
Ambient, °F	40 to 100
Gel Time, min @ 77°F	4-6
Cure to Touch, min @ 77°F	20
Recoat Window, min @ 77°F	120

*Values obtained in a laboratory setting for comparison purposes only and should not be considered specifications.

Application Guidelines

1. Ensure repair area is clean and dry.
2. Abrade at least 2 inches of existing coating around the repair area, and solvent-wipe to clean. Allow to dry.
3. Mix 1 part IsoPrime with 1 part Acetone or MEK, and apply to the repair area. Be sure to stay within the abraded area. Allow to dry.
4. Meter our Chemthane 1165 with two-component caulk gun and mix thoroughly for an additional 30 seconds.
5. Apply Chemthane 1165 to the repair area with brush, roller, or trowel, taking care to stay within the primed area. Minimum thickness should be equal to the thickness of the repaired lining.

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