



Chemliner 4000

Novolac Epoxy Lining

Features

Chemical Resistant

Chemliner 4000 has a very high crosslink density which gives it excellent resistance to a variety of chemicals.

High Temperature Resistance

Chemliner 4000 is suitable for use in environments with temperatures up to 250°F.

Smooth Finish

Once applied, Chemliner 4000 gives a smooth, tile-like finish.

Two Coat System

Chemliner 4000 is applied in two coats: white and gray. The two coat system allows easy determination of what areas need more Chemliner 4000.

UL Certified

Chemliner 4000 is certified to meet UL 1746 Part 1.

Application

Chemliner 4000 should be applied with airless spray equipment. Substrate should be dry and free of dust, oil and grease. Steel surfaces should be cleaned to a white metal blast with a minimum 2.0 mil angular profile.

Be sure to consult with a Chemline representative for equipment and application training.

Description

Chemliner 4000 is a high solids novolac epoxy lining. It is self-priming and is applied to steel surfaces. It has excellent chemical resistance against jet fuel, wastewater, seawater, salt brine, sulfide gas, many acid solutions, strong alkali solutions and many solvents. The high crosslink density of Chemliner 4000 makes it suitable for immersion service in aggressive environments. Consult a Chemline representative before specifying Chemliner 4000.

Chemliner 4000 is easily applied by airless spray equipment. It must be applied in a minimum of two coats – a white coat and a gray coat. Thinning is neither required nor recommended.

Technical Data

Property	Value
Solids, percent by volume	73
Solids, percent by weight	84
VOCs, lbs per mixed gallon	2.0
Mix Ratio, A to B by volume	4:1
Dry Film Thickness, mils per coat	6-8
Sag Resistance, wet mils	10
Application Temperature	
Substrate, °F	40 to 110
Ambient, °F	40 to 110
Pot Life, hrs @ 77°F	2
Dry to Touch, min @ 77°F	75
Recoat Window, hrs @ 77°F	After 16 but within 48
Return to Service, Days @ 50°F; 77°F; 100°F	10 days; 4 days; 2 days

Safety

This product is for industrial use only. Avoid contact with eyes and skin. Do not inhale or ingest. When spraying, wear a respirator or a fresh air hood. Spraying indoors requires forced ventilation. Be sure to read MSDS in its entirety prior to using Chemliner 4000.

Packaging, Storage, & Shelf Life

Chemliner 4000 is available in 5 gallon pails and 55 gallon drums. It should be stored in sealed containers between 60°F and 90°F. Shelf life is 12 months under normal conditions.

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