

DX-2000W

Product Data

High Strength Immersion Coating



PRODUCT PROFILE

DX-2000W is 100% solids, contains no volatile organic compounds or solvents so it may be safe to apply in confined areas with good ventilation. Dynesic's DX-2000W has been the leader in hybrid novolac coating technology and is well known for lining ductile pipe used in sewage gathering systems. Throughout wastewater transportation and treatment plants, DX-2000W is widely used on repairing, coating and protecting damaged concrete surfaces. Dynesic's novolac adhesives and coatings can be found protecting steel, ductile and concrete substrates world wide.

PRODUCT FEATURES and BENEFITS

100% Solids, No VOCs

- *Excellent immersion resistance*
- *FDA requirement 21 CFR 175.300 for food contact*

PHYSICAL PROPERTIES

Color
Container Size
Coverage per gallon (Theoretical)
Flash Point
Pull-Off Adhesion Test ASTM D 4541
Recommended Thickness
Specific Gravity
Volatile Organic Compounds (VOC)
Weight per gallon

White, Grey or Blue
1, 5 gallon kits, 55 gallon drums
160 sq. ft. @ 10 mils thickness
> 250°F (121°C)
Minimum adhesion is 2850 psi
2 coats @ 8-20 mils each
Resin: 1.48, Hardener 0.97
0 grams/liter
10.86 lbs

POT LIFE

40°F (4°C)
75°F (24°C)
92°F (33°C)

8 hours, 30 minutes
1 hour, 5 minutes
55 minutes

CURE TIME

70°F (21°C) : Re-Coat Window
Light Loading
Immersion (Aqueous) Service
Full or Chemical Service

24hours
2 Days
7 Days
7 Days

SERVICE TEMPERATURE

Dry Service	-30°F to 250°F (121°C)
Spill/Splash	200°F (93°C)
Immersion Service*	200°F (93°C)

* *Water Immersion — 190°F (90°C) — Atlas test cell for 60 days, unaffected*

PUMP SPECIFICATIONS

Minimum Output	5600 psi
Product Hose: Min. - Optimum I.D.	0.375—0.5 inch
Max Length	60 Feet

MULTIPLE COATS:

Second and subsequent coats must be applied before the previous coat has completely cross-linked. If additional coats are needed after re-coat window, brush blast before applying the next coat. Small areas may be abraded by sanding or wire brushing.

The same requirements applies when overlapping the seams of adjacent coating sections to create a continuous protective film. If the coating surface to be overlapped at the seam cannot be brush blasted, use a non-impact means as power brushing or sanding to create a mechanical profile.

CHEMICAL RESISTANCE

Acetic Acid 10%	Alkalis	Ammonium Hydroxide 25%
Brine Water	Caster Oil	Copper Sulfate
Crude Oil	Diesel Fuel	Ethylene Glycol
Fatty Acids	Gasoline	Hydrochloric Acid up to 20%
Mineral Spirits	Potassium Hydroxide 50%	Sewage
Sodium Hydroxide 50%	Sodium Chloride	Sulfuric Acid 75%
Wine	Water - Fresh and non-potable	

INSTALLATION

Installation of DX-2000W is summarized as follows. The 2 components of DX-2000W are mixed, and then uniformly applied at the desired thickness. DX-2000W can be applied by brush, roller or sprayer.

* *Do not keep the blended coating in the original container unless immediate use is planned. Otherwise, exothermic—heat created during the curing process—will considerably shorten the pot life. Pour the coating into a rolling tray or large aluminum-basting pan. Try to keep the depth of the coating in the tray below 3/8".*

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3.

CLEAN-UP

Use a mixture of MIBK and Butyl Acetate (50/50) or MEK for cleanup. Skin may be cleaned with denatured alcohol, preferably ethanol. **Refer to the MSDS for further information.*

DYNESIC TECHNOLOGIES

Dynesic Technologies produces exceptional chemically engineered coatings, adhesives and sealants offering premium corrosion protection, while being safe for the environment and entirely user friendly. Dynesic Technologies can be found protecting steel, ductile and concrete substrates worldwide.



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