

DF-3710

Flexible Floor Coating

GENERAL DESCRIPTION

DF-3710 is an elastomeric 100% solids epoxy, which is designed to be used as a flexible topcoat, crack bridging membrane, or joint filler. This flexible layer provides protection to the upper layers when the concrete moves and shifts. It can be overcoated with any of the other **DUROMAR** linings or maintenance products.

FEATURES

- Excellent Elongation
- Cures at temperatures as low as 60°F
- No toxic fumes
- Good bond strengths

PACKAGING

1, 2 and 4 gallon units

COVERAGE

DF-3710 can be applied up to thickness of 80 mils per application. Theoretical coverage is 40 square feet at 40 mils in thickness.

MIXING RATIO

1 part base (B) to 1 part (A) hardener by weight
.07 part base (B) to 1 part (A) hardener by volume

MIXING

Mix ALL of Part A with ALL of Part B in the Part B bucket. If the materials are cold, warm them to about 70°F before mixing.

POT LIFE

Working time of material is 45 minutes.

COLORS

DF-3710 is grey in color.

TECHNICAL DATA AND INFORMATION

Basic Chemical Resistance at Room Temperature:

Inorganic Acids	Fair
Organic Acids	Fair
Solvents	Fair
Alkalis	Good
Salts	Excellent
Alcohols	Good
Hydrocarbons	Good

Typical Physical Properties of Cured System:

Density	1.18
% Solids	100
Tensile Strength @ 70°F	1,000 psi
Tensile Shear @ 70°F	750 psi
Max. Dry Operating Temp	250°F
Operating pH Range	3.0-12.0
Durometer Shore A	60
Elongation	100%

SURFACE PREPARATION

- For maximum adhesion, material should be applied to a firm, clean, dry and abraded surface.
- Best results will be obtained by abrasive blasting of the surface.
- If blasting is impractical, a grinding wheel, needle gun, or very stiff wire brush may be used.
- Clean greasy, oily or waxed surfaces with suitable solvent before applying material.



QUALITY SYSTEM
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CLEANUP

All mixing and applications tools should be immediately wiped or scraped clean when finished with using.

APPLICATION

DF-3710, should be applied over **DUROFLOR SEALER** or **DUROFIL**. For best results, do not apply:

- When temperature is below 65°F.
- To oily surfaces

OVERCOATING @ 70°F

- 5 hours minimum
- 72 hours maximum

CURING @ 70°F

- | | |
|---------------------------|-----|
| • Tack Free (hours) | 6 |
| • Functional Cure (hours) | 48 |
| • Full Cure (hours) | 120 |

Q/C

The material should be visually inspected just after application and touched up where necessary.

FORCE CURING

DF-3710 can be force cured with heat to accelerate curing.

STORAGE

Store in dry area in closed containers between 50°F and 110°F. Shelf life at these conditions is greater than one year.

HEALTH AND SAFETY

READ AND UNDERSTAND ALL MATERIAL GIVEN IN THE MSDS SHEETS BEFORE USING THE PRODUCT.

DF-3710 DOES NOT CONTAIN ANY FLAMMABLE MATERIAL OF ANY KIND. HOWEVER, THE MATERIAL IS COMBUSTIBLE. IN THE EVENT OF A FIRE, DRY POWDER, FOAM, OR CARBON DIOXIDE FIRE EXTINGUISHERS SHOULD BE USED. FIRE FIGHTERS SHOULD WEAR RESPIRATORS.

USE PROTECTIVE GLOVES AND EYEGLASSES WHEN USING.

USE IN AREAS OF GOOD VENTILATION.

LIMITED WARRANTY

All recommendations covering the use of this product are based on past experience and laboratory findings. Methods or conditions of application and use of the product are beyond our control. We assume responsibility only for the uniformity of our product within normal manufacturing balances.

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