

CLADRESTORE™

a product of

CLADLINER™
THE NEXT GENERATION HYBRID EPOXY



CLADRESTORE: industrial-grade, early high strength, high density cementitious mortar for restoration.

CLADRESTORE: is used to restore manholes and other similar underground structures prior to application of **CLADLINER** Hybrid Epoxy Lining System.

CLADRESTORE: is for restoration of surfaces requiring structural build of 0.5" (500 mils) or greater.

Packaging:

Packaging: 60 lb. Bag (Yield 0.5 Cubic ft.)

Coverage:

12 ft² at 0.5" (500 mils) thickness
(14.2 liter kit 1.1M² at 12.7 mm thickness)

Surface Preparation:

Surface must be clean, in sound condition, and **surface saturated dry**. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

Minimum recommended surface preparation:

Concrete & Masonry: SSPC-SP13/NACE 6

Application:

Apply Material by Using:

Hand trowel application using a pool trowel or square edge trowel.

Hydraulic spray equipment (i.e. Graco M680/M340 mortar pump or 9.1 WIWA 410 pump) followed by troweling create required finish.

CLADLINER topcoat can be applied as soon as surface is firm enough to accept a trowel application. Full cure is not required.

Application Conditions:

Temperature:

40°F (4.5°C) minimum,
110°F (35°C) maximum
(air, surface, and material)

Compressive Strength: ASTM C-109

1 Day 2,100 psi

7 Days 7,050 psi

28 Days 10,400 psi

Bond Strength: ASTM C-882 (mod)

1 Day 380 psi

7 Days 900 psi

28 Days 1,695 psi

Shrinkage:

ASTM C-596 <0.01%

Storage and Handling:

Shelf life: 12 months, sealed

Storage: Store in a dry area away from direct sunlight. The product should be conditioned to between 70° F and 95° F before use

Warning:

KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY BY A QUALIFIED TECHNICIAN. Consult the Material Safety Data Sheet for further health and safety information.

CLADLINER warrants our products to be free of manufacturing defects in accord with applicable quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING SALEABLE OR SUITABLE FOR A PARTICULAR PURPOSE.