



LANCO GROUT MIXTURE 002

DESCRIPTION:

The Lanco Mixture is a modified acrylic resin, cement spray coat. Excellent for areas such as driveways, walks, pool decks, balcony as well as vertical surfaces. The Lanco Mixture is also an excellent concrete restoration product, exhibiting high compressive, adhesion, flexural and tensile strengths. Ideally suited for application in commercial and industrial floor restorations, where an industrial topcoat is required.

THE LANCO MIXTURE IS FOR:

1. Exterior or interior surfaces
2. For on-grade or above grade decks
3. Freeze-thaw resistant
4. Resistant to most chemicals
5. Alkali resistant
6. May be applied at varying thickness, not to exceed a quarter of an inch.
7. High bond strength to wide variety of substrate including concrete, masonry, and polymeric foam.
8. Superior Mechanical Strength Properties. Tensile Strength, Flexural Strength, and Impact Resistance are significantly improved over Standard concrete.
9. Non-Flammable
10. Compatible with Coefficient of Thermal Expansion of concrete. Passes ASTM C-884 (Modified)

PACKAGING:

Grout Mixture 002 is packaged in 50 lb. bags

GENERAL DATA:

Color: White, Colors achieved through color integration or use of Lanco Stains, Sealers, and Finishes.

Shelf Life: 1 year unopened

Storage Conditions: Store Dry at 40-95°F
Condition Material to 65-85°F before using. Protect additive from freezing or discard.

ACRYLIC POLYMER RESIN MIXTURE 001:

Resin:	Acrylic Polymer
Color:	Milky/Green Blue Tint
Solids Content: By weight:	18%
By Volume:	17%
Viscosity:	65 KU
WT./GAL.:	8.7
PH:	9.0
Flash Point:	Non-Flammable

GROUT MIXTURE 002:

Contains Portland Cement and Crystalline-Free Silica. Avoid breathing dust, use with adequate ventilation. Components are skin and eye irritants; Avoid contact. The use of NOISH/MSHA approved respirator, safety goggles, and rubber gloves are recommended.

GENERAL DATA:

Comprehensive Strength (ASTM C-109-73):	-
+PSI 28 Days	5,715 PSI
Flexural Strength (ASTM C-348-72):	PSI 28 Days 1,585 PSI
Tensile Strength (ASTM C-190-72):	PSI 28 Days 615 PSI
Shear Bond Strength:	20 Days 650 PSI
Abrasion Resistance: (% Weight Loss):	28 Days 18IN-LBS.
Chloride Ion Resistance:	Ponding 3% Sodium Chloride/60 Days 100% at 1" Depth
Freeze Thaw Resistance (ASTM C-291):	Passes 60 Cycle
UV Resistance:	No discoloration when exposed to ultra-violet
H2SO4 (Sulfuric Acid): 10% Solution;	5 Minute immersion: Unaffected
NaOH (Sodium Hydroxide: 10% Solution;	5 Minute immersion: Unaffected
Citric Acid: 10% Solution;	5 Minute immersion: Unaffected
Gasoline:	5 Minute immersion: Abrades Slightly
Lactic Acid: 10% Solution:	5 Minute immersion: Unaffected

COVERAGE:

Coverage varies with texture type, substrate conditions, and application procedure. For basic texture pattern applied over sound, properly prepared concrete substrate, one bag yields approximately 100 square foot coverage.

For scratch coating, average coverage per bag is 100 square feet per bag. Estimated coverage is dependent on condition of substrate.