

REPOX-HB

High gloss, high build, low odor, heavy-duty epoxy coating

REPOX HB forms an excellent bond to concrete, block, steel, wood or almost any sound surface. REPOX HB may be applied by roller, brush or spray (with the right equipment). REPOX HB has a smooth, chemically resistant surface that makes this material suitable for lining most containment areas or areas requiring wash ability.

Purpose

REPOX HB is primarily used as a high wear, heavy-duty protective coating. REPOX HB has excellent chemical and abrasion resistance. The 100% solids formula makes this product useful for many different applications including coating, skid proofing, waterproofing, patching of concrete or masonry, or as an adhesive. REPOX HB will fill and level cracked, pitted, or some types of spalled surfaces. The cured coating forms a smooth chemically resistant impervious surface that is easily cleaned.

Surface Preparation

Concrete should be etched with RELEECE manufactured CAPITAL or cleaned and degreased with RESOLVE manufactured by CAPITAL depending on job conditions. Technical assistance is available.

Application

Coating	New or unprimed floors should receive a prime-coat of REPOX-FC or REPOX WB manufactured by CAPITAL prior to application of REPOX HB finish coat. On previously coated surfaces no priming is usually necessary, as REPOX HB contains no solvents to attack prior coatings and readily bonds to most surfaces. Apply by roller, brush or spray, being careful not to over roll in a rapid fashion. Apply in a smooth even film.
Skidproofing	Apply mixed material with a roller at the rate of 100 sq. ft. per gallon. Broadcast aggregates at 2 lb. per sq. yard while coating is still wet.
Patching	After mixing A & B together mix in 3 to 5 parts clean sand. The resulting mortar can then be trowel applied.
Adhesive	Apply by roller or brush at 80 sq. ft. per gallon. Maintain firm contact between surfaces until cured.

For more information, call Capital Industries at (631) 298-6300 or email info@kwikbond.com

REPOX-HB (CONTINUED)

General Properties

Coverage	100 to 125 sq. ft. per gallon
Mixing Ratio	2 parts Mix A to 1 part Mix B
Pot Life	45 to 60 minutes at 50° F
Tack Free Time	4 to 5 hours at 75° F
Initial Cure	24 hours
Final Cure	7 days at 75° F
Hardness	80 Shore D
Tensile Strength	3000-psi minimum (ASTM-D638)
Elongation	5 to 10%
Compressive Strength	12,000-psi (2" cubes, 3 volumes sand to 1 volume of REPOX HB)

Chemical Resistance

24 Hr. Immersion at 75 ° F

Muriatic Acid 10%	Unaffected
Sulfuric Acid 10%	Unaffected
Hydrochloric Acid 30%	Unaffected
Citric Acid 15%	Unaffected
Phosphoric Acid 85%	Unaffected

60 Day Immersion at 75° F

Lye	Unaffected
Mineral Spirits	Unaffected
Gasoline	Unaffected
Fuel Oil	Unaffected
Hydraulic Fluid	Unaffected
Alcohol	Unaffected
Clorox	Unaffected

Approvals

Meets specifications and approval for U.S. Department of Agriculture for use in food plants.

Clean Up

Clean equipment immediately after use with RESOLV 100 available from CAPITAL

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