



ResiGard Acrylic

Acrylic Floor Sealer and
Dustproofer

DESCRIPTION

ResiGard Acrylic is a single component, deep penetrating, high performance Methyl Methacrylate resin based, solvent borne sealer coat, dust proofer and hardener for concrete floors. Provides excellent adhesion to cementitious surfaces and cures to form a clear glossy or semi-glossy, scuff resistant finish.

USES

Used as a sealer coat on concrete surfaces to provide a dustproof and impermeable surface. Can be used in warehouses, car parks, light industrial floors, etc. It can also be used as a backing coat for marble and other mineral based cladding to protect against rising moisture.

Can be used as a sealer and finishing coat for various colored and uncolored concrete surfaces, such as stamped concrete, chemically stained concrete, and exposed aggregate concrete; and for masonry surfaces, including interlock and porous brick.

ADVANTAGES

- Easy to apply by brush, roller or spray
- Good resistance to most liquids like mild chemicals, acids, alkalis, etc.
- Prevents dusting by sealing the concrete surface
- Easy maintenance
- Breathable
- Single component, easy to use
- Enhances the color of stamped concrete and brings out the antique and texture effects
- Seals and dust-proofs hardened concrete, stone, brick, stamped concrete, exposed aggregate, mortar, and grout surfaces
- Protects surfaces against stain caused by oil and food spills
- Non-yellowing and preserves the natural look of paving materials

TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Component	-	Single
Form	-	Liquid
Colour	-	Transluscent
Specific Gravity	ASTM D1475	0.93 +/- 0.02
Drying Time	-	4-5 hrs
Full Cure	-	7 days
Recoating Time	ASTM C805	60 - 90 minutes
UV Resistance	ASTM G53	No change in color / appearance after 300 hrs
Surface Hardness	ASTM C805	> 20% Increase over untreated surface

SURFACE PREPARATION

Concrete substrate should be free from dust, oil, grease, spillages, etc. Substrate may be prepared by acid etching followed by cleaning with copious amount of water to remove



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all traces of the acid. New concrete floors should be at least 28 days old and having moisture content less than 5% prior to application of **ResiGard Acrylic**. Cracks, pinholes, potholes and other surface irregularities should be repaired using suitable product from **ReCon** range.

MIXING	ResiGard Acrylic is a single component ready to use product. Stir well before use.	
APPLICATION	<p>ResiGard Acrylic is applied to the prepared surface in 2 coats to achieve a total dry film thickness of 50-60 microns. Apply first coat and allow it to penetrate into the substrate and seal the micro pores. Avoid ponding of material on the surface. Second coat is applied after allowing the first coat to dry for 60-90 minutes.</p> <p>Highly porous surfaces will require a third coat to effectively seal the surface. can be applied using a brush, roller or spray.</p>	
PACK SIZE	20 ltr and 200 ltr	
COVERAGE	Theoretical coverage is 6-8 m ² /ltr/coat at 125 microns wft (25-28 microns dft). Actual coverage depends on finish, porosity and texture of the substrate.	
GENERAL INFORMATION	Shelf Life	12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.
	Cleaning	Clean all equipment and tools with Conmix Cleaner immediately after use.
HEALTH and SAFETY	PPE's	Gloves, goggles and suitable mask must be worn.
	Precautions	Contact with skin, eyes etc. must be avoided. If swallowed seek medical attention immediately.
	Hazard	Regarded as hazardous for transportation.
	Disposal	Do not reuse bags or containers. To be disposed off as per local rules and regulations.
	Additional Information	Refer MSDS. (Available on request)
TECHNICAL SERVICE	CONMIX Technical Services are available on request for onsite support to assist in the correct use of its products.	

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