



BENZIPOX EXCEL-DAMP PRIMER

Two Pack Penetrative Concrete Primer

BENZIPOX EXCEL-DAMP PRIMER is a two pack modified amidoamine cured epoxy primer for use on concrete surfaces. It is transparent and exhibits superb penetrating power that fills the capillary pores of the concrete substrate and helps to eliminate bubble and pinhole problems, hence providing superior adhesive strength to the surface for subsequent coats. It has moisture tolerant property and work well when being applied over high relative humidity concrete floors. It is ideal to be used as a tie coat between bare concrete surface and solvent-based top coats, such as BENZITHANE 300, BENZIPOX 280 and BAOMA Mason Glaze.

Standard Packing : 5 litres

Technical Information

Mixing Ratio (By Volume) : 4 : 1 (Base : Hardener)
 Binder : Modified Amidoamine
 Finish : High Sheen
 Color : Clear
 Thinner : No thinner required
 Solid Content : 45% (by weight); 40% (by volume)
 Dry Film Thickness : 30 - 50 microns / coat
 Theoretical Coverage : 13 m² / litre / coat (DFT of 30 microns); 8 m² / litre / coat (DFT of 50 microns)
 No. of coats : 1 coat
 Touch Dry @ 30°C : 2 - 3 hours (depends on temperature and humidity)
 Recoating Interval : Minimum 16 hours
 Curing Time @ 30°C : 6 - 7 days
 Pot Life @ 30°C : 12 hours after mixing of Resin and Hardener
 Shelf Life : Minimum 24 months if properly stored

Typical Painting System

Substrate	Primer (1 coat)	Intermediate (1 coat)	Topcoat (1 - 2 coats)
Concrete Floor (Interior Only)	BENZIPOX Excel-Damp Primer	BENZIPOX Mastic 88 or BENZIPOX 280	BENZIPOX 280
Concrete Floor (Exterior & Interior)	BENZIPOX Excel-Damp Primer	BENZIPOX Mastic 88 or BENZITHANE 300	BENZITHANE 300
Concrete Floor (Exterior & Interior)	BENZIPOX Excel-Damp Primer	BAOMA Mason Glaze	BAOMA Mason Glaze

Application Methods

Brush / Roller : Ready to use, no dilution required.
 Conventional Air Spray : Ready to use, no dilution required.
 Airless Spray : Ready to use, no dilution required.
 Handling : Mix the Resin and Hardener in correct ratio and stir the paint thoroughly until completely mixed before painting
 Clean Up : Clean all paint equipment with Thinner immediately after use

Surface Preparation

Concrete Floor Surface

Newly laid concrete surface must be allowed to cure for at least 28 days, ensure the surface is below 16% moisture content as measured by Protimeter and alkalinity below pH9. Acid treatment to the concrete surface is strongly recommended, neutralize the surface by mopping with water mixed 5% Sulphuric Acid, rinse thoroughly with water and allow to dry completely before painting.

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Storage

Keep container tightly closed and in a secure upright position, store in a cool and shady place, do not expose directly to sunlight and extremes of temperature. Keep out of reach of children.

Safety, Health and Environment

Ensure good ventilation during painting, do not breathe vapour or spray mist. Keep doors and windows open during application and drying. It is advisable to wear mask and eyes protector while applying. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of accidental ingestion, DO NOT INDUCE VOMITING, seek immediate medical advice. To remove splashes of paint from skin by using water and soap or skin care product. Do not empty paint into drains or water courses, dispose of any paint waste in accordance with the appropriate Environmental Quality Regulations.

Materials Safety Data Sheet (MSDS) is available upon request.

DANGER			
			
<p>Hazard Statement: Flammable liquid & vapour. May be fatal if swallowed & enters respiratory tract. Harmful if in contact with skin. May cause allergic or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation & allergic skin reaction. Very toxic to aquatic life with long lasting effects.</p>			
<p>Precautionary Statement: Keep out of reach of children. Keep away from heat, sparks, open flames, hot surfaces. No smoking. Wear protective gloves, eyes protector, face protector. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents & container in accordance with all local, national or international regulations.</p>			

Limitation of Liability

Liability of MCI Paint Sdn Bhd on any claim of any kind, including claims based upon negligence of MCI Paint Sdn Bhd, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. In no event shall MCI Paint Sdn Bhd be liable for consequential or incidental damages.

Disclaimer

The above information is given to the best of our knowledge based on laboratory tests and practical experiences. However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself. We reserve the right to change the given information without prior notice due to production refinements arising from continuing research and development, which may result in changes in the paint properties.



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