



HYDROBLOC Penetrating Primer

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Epoxy Performance Primer for Concrete and Solvent-Resistant Absorbent Surfaces

Product Description:

ASODUR Penetrating Primer is a penetrating, moisture tolerant, two-component epoxy primer used to prime concrete surfaces for high performance applications. It is commonly utilized as part of a complete flooring system and is also suited for use as a general-purpose sealer.

Key Features & Benefits:

- Low viscosity formulation penetrates and seals concrete pores.
- Provides superior adhesion to substrate and higher tensile and flexural strengths when compared to conventional polyamide primers.
- Cures at ambient temperatures.
- Resistant to amine blush, even when cured at low temperatures and high humidity.

Areas Of Application:

- Concrete Sealer
- Absorbent surface binder

Surface Preparation:

Apply only to clean, dry and sound concrete substrates that are free of all coatings, scalers, curing compounds, oils, greases or any other contaminants.

- New concrete should be cured a minimum of 28 days.
- Concrete that has been contaminated with chemicals or other foreign matter must be neutralized or removed.
- Remove any laitance or weak surface layers.
- Concrete should have a minimum surface tensile strength of at least 300 PSI per ASTM D-4541.
- Surface profile shall be equal to 60-grit sandpaper or coarser. Prepare surface by mechanical means to achieve this desired profile.
- All surface irregularities, cracks, expansion joints and control joints should be properly addressed prior to application.

Mixing Instructions:

- Component A Resin should be premixed prior to using due to possible additive separation.



HYDROBLOC
BUILT ON PERFORMANCE

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- Pour Component B Hardener into the Component A Resin pail and mix for minimum of two minutes, using a mechanical jiffy-type mixer operated at low speed. Scrape the side of the pail to ensure the entire product has been properly mixed; any unmixed material left on the side of the pail will not cure.
- Do not thin with solvents unless advised to do so by AQUAFIN Pakistan. Confirm product performance in specific chemical environment prior to use.

Application Guidelines:

1. Apply resin/hardener mixture by roller or squeegee, followed by a back roll with a short nap roller. Move quickly and empty contents of pail onto surface as soon as possible to provide maximum working time. Material left in the pail will generate heat and have a reduced pot life.
2. Optional Step: Once primer has become tacky to the touch, a second primer coat may be applied.*

(*Notes:

- Double priming will greatly reduce the effects of outgassing by additionally filling the pores in the concrete.
- Pay special attention not to contaminate surface when working on primer that has not cured to a tack-free surface.
- Primed surfaces should be recoated within 48 hours. For longer waiting periods, wipe with Thinner #7 until surface becomes tacky. If surface remains hard, abrasive sanding followed by a wipe with a 50:50 mixture of water and isopropanol will be necessary. Allow the solvent to flash before applying coating.

3. For best results, clean tools and equipment with Thinner #17.

Coverage/ Consumption:

60 sq.ft/kg May vary depending on concrete porosity. Minimum two coat if used as a concrete surface binder.

Curing & Protection:

Curing time is 3-4 hours.

Packaging:

Penetrating Primer comes in 2 Components,

COMPONENT A : 3.08Kg

COMPONENT B : 0.92Kg

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TECHNICAL DATA SHEET





HYDROBLOC Penetrating Primer

Storage & Shelf life:

Store for up to 12 months in unopened packaging. Keep in cool, dry conditions away from frost and moisture and direct sunlight.

Health & Safety:

Avoid skin and eye contact. Use gloves, goggles, and protective clothing. Ensure adequate ventilation during mixing and application. Do not ingest or inhale. Avoid eye and skin contact. For industrial/ commercial use. Installation by trained personnel only.

Refer to the Safety Data Sheet (SDS) for full handling and disposal information.

Performance Properties:

Property	Value
Color	Amber Clear
Volume Solids	82%
Specific Gravity	1.05 A
Adhesion Value	>3.5 MPa
Dry Time	3 Hours
Pot Life	30 Mins