

PROVISIONAL DATA

POXILON WB

Water based epoxy coating

POXILON WB Coating is a two component amine cured water based epoxy coating with high abrasion resistance and moisture tolerance. **POXILON WB** produces a surface coating film that will exhibit outstanding water resistance, chemical resistance, abrasion resistance and substrate penetration. **POXILON WB** should be considered for all interior concrete sealing applications where superior durability is required and where solvent odors and flammability are not acceptable.

USES

- Prevent rising damp in floors or anti-lime treatment of new concrete
- Waterproofing and decorative finish for all brick, concrete, cement and masonry surface.
- As wall coating in areas of food manufacture and warehouses.
- As tank lining protection against mild chemicals
- Potable water tanks
- Grain Silos

ADVANTAGES

- Excellent Abrasion resistance and adhesion
- Excellent resistance to acids, solvents, oil, etc..
- Good bonding with the substrates like concrete, wood and steel
- Eco-friendly and complies with low VOC requirements; low odor
- Can be applied over damp concrete.

TYPICAL PROPERTIES

1. Pot life @ 35/25°C		30/60 Minutes
2. Initial Hardness	-	24 Hours
3. Full Cure	-	7 Days
4. Solid Content (Volume Basis)	-	58 ± 2%
5. DFT	-	90-150 microns per coat (2 coats recommended)
6. VOC		125 grams per liter
7. Recoat		Within 24 hours
8. Application temperature		18 to 40 celsius.

DIRECTIONS FOR USE

SURFACE PREPARATION

Surface preparation will vary according to the type of complete system to be applied. For a two coat thin build system, we recommend mechanical scarification until a suitable profile is achieved. All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate.

PRIMING

Prepare primer by mixing the two components together (ISOPRIME WB). Allow to stand for 10minutes before applying onto the substrate. Allow to dry before overcoating with **POXILON WB**.

MIXING

This product comes pre-packaged by weight. Kits should be mixed in their entirety. Partial mixing is not recommended. After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. Do not add water or solvent!. After mixing, allow to stand for at least 5-10 minutes before application.

APPLICATION

The mixed material can be applied by brush or roller. Maintain temperatures within the recommended ranges during the application and curing process. When the end of the pot life has been reached, you will find that the material becomes hard to apply and will actually tend to roll back up onto the roller. Do not try to continue application when the coating has reached this stage. Applications made at different times with differing environmental conditions, may show slight variations in gloss.

LIMITATIONS

- Color and gloss may be affected by humidity, low temperatures, strong chemicals.
- Product will yellow in the presence of UV light.
- For best results use 1/4" nap roller
- Substrate must be sound and in good condition, Substrate temperature must be 5°F above dew point.
- All new concrete must be cured for at least 28 days.

PACKING/ COVERAGE

Available in 5 liter kits. Theoretical coverage is 4 to 6.6 square meters per liter per coat (90-150 microns dry film thickness).

SHELF LIFE

Shelf life is up to 12 months in unopened container when stored in warehouse condition.

HEALTH/ SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn. Refer to MSDS for more information.

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Technical information, data are to be considered as typical values and not sales specification. Actual measured values may vary due to factors beyond our control. Indications concerning function and application of the products are empirical. Although the information is believed to be accurate, there is no warranty by ISOLA. None of the recommendations becomes part of the warranted quality of the products. Due to the fact that the conditions of individual use are beyond ISOLA's direct and continuous control, ISOLA disclaims all responsibility in connection with the use of its products and does not warrant against any loss direct or consequential

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