



PolyPrime Penetration

Single Component Aromatic Polyurethane Primer for Concrete and metal Surfaces

DESCRIPTION

PolyPrime Penetration is single component polyurethane based low viscous highly penetrative primer. It is suitable for priming concrete and metal surfaces prior to the application of any floorings and coatings.

TECHNICAL DATA

Surface Dry at 30 °C	35 – 45 minutes	Pot Life at 30 °C	4 – 5 hrs
Coverage, ltr/sqm	8 - 10	Recoat Time	24 hrs max
		DFT	50 μ

APPLICATIONS

- Concrete Surfaces
- Metal Surfaces

ADVANTAGES

- Better bonding and flexibility
- Chemical Resistance
- Helps ensure good adhesion and also prevents air release from the porous substrate, which may cause bubbles in the coating
- Improved performance over manually prepared concrete surfaces
- Seals porous surface to give quality finish



APPLICATION METHODOLOGY

- In concrete surface, ensure that concrete is firm, sound and free from dust
- Clean thoroughly and dry. Remove all dirt, scales, oils, greases and foreign particles
- In case of steel surface, clean surface thoroughly by sandblasting or power tools. Remove moisture prior to sand blasting
- To ensure good adhesion all contamination should be removed and the surface thoroughly cleaned of all dust and loose debris. A thorough detergent wash is also recommended followed by thorough cleaning with clean water and mopping it off to a dry state
- Apply PolyPrime Penetration on cleaned and dried surface by brush or airless spray
- Before application of coating, PolyPrime Penetration should be allowed to dry for 6 – 8 hrs till touch dry or left overnight for drying.



LIMITATION

- Do not apply PolyPrime Penetration on surfaces known to, or likely to, suffer from rising dampness, potential osmosis problems or having relative humidity greater than 75%
- Do not apply PolyPrime Penetration to asphalt, weak or infirm concrete, unmodified sand / cement / screeds, PVC tiles or sheets or substrates known to move substantially e.g. steel walkways.

HEALTH AND SAFETY

- Use mask, nose cover and hand gloves during application
- Ensure adequate ventilation and avoid inhalation of vapours
- Clean hands with soap after application

- The product should not come in contact with the skin and eyes
- Avoid contact with skin / eye. In case of unlikely contact with skin / eyes, rinse immediately with plenty of clean water, then clean with soap and lukewarm water and seek medical advice. Do not use solvent to clean the contacted area
- Prevent swallowing. In case of unlikely swallowing, seek medical attention immediately. Do not induce vomiting.

PACKAGING

Available in 20 ltr container.

STORAGE

Must be stored in original packing at ambient temperature, dry place under shed away from heat.

SHELF LIFE

If stored in original unopened sealed under the above conditions, it has a shelf life of 6 months.