



5.13 XPERT EP - 100

Moisture Mitigating Epoxy-Based Primer for Adhesion.

PRODUCT DESCRIPTION

XPERT EP - 100 is a two-part, solvent free amine cured high solid primer coating with excellent levelling properties on various surfaces. It has excellent adhesion, water resistance and chemical resistance. The dried film has very good sealing properties. It has excellent salt resistance property also.

XPERT EP - 100 is used to seal surfacing primers before applying topcoats. It may be applied by spray, brush, or roller and may be used above or below the waterline.

USES

- High build, high performance Epoxy Primer for cement, wood, wall, stones etc.
- Primer and sealer for Full Epoxy System.
- Primer for Epoxy Flooring System

TECHNICAL DATA

CATEGORY	PARAMETER
COLOUR, DRY FILM	Clear/Transparent
FINISH, DRY FILM	Smooth/Glossy
VOLUME SOLIDS (ASTM D2697)	100%
THEORETICAL SPREADING	05 SQM / KG
RECOMMENDED DFT (DRY FILM)	150 Microns/Coat
FLASH POINT	100°C
SPECIFIC GRAVITY	1.09 ± 0.05 (mixed)

APPLICATION INSTRUCTIONS

SURFACE PREPARATION:

New Construction: Concrete floors, to be coated should be allowed to cure for at least

28 days. Floor should be sound, clean and free from oils, grease, mortar, loose particles, dust etc. Laitance should be removed by the use of mechanical means such as vacuum recovery shot blasting. Moisture content should be less than 5%.

Existing Substrate: All contamination must be removed and a sound clean substrate should be exposed. Mechanical means of preparation are preferred followed by the removal of dust and other loose debris using an industrial vacuum. All cracks and minor damage-surface should be repaired and allow to dry prior to priming.

Mixing: XPERT EP - 100 is a high solids coating and may have settled slightly during storage and transportation. Shake or mix well before use.

Application: Apply the XPERT EP - 100 by brush or roller at the rate of 05 m² per kg over the entire area nominated. Allow the primer to dry for 4 hours before applying the second coat. Apply the second coat of XPERT EP - 100 in the same way as the first coat.

APPLICATION DATA:

CATEGORY	PARAMETER
APPLICATION METHOD	Airless Spray, Trowel, Roller or Brush (touch-up)
CLEANING/THINNING	XPERT EPOXY THINNER
THINNER (VOLUME)	Ready to use
AIRLESS SPRAY REQUIREMENTS	Pressure: 3000 psi
NOZZLE SIZE	0.025" - 0.030"
MIXING RATIO (BY WEIGHT)	Base: Hardener 2:1 (Mix thoroughly before use.)
POT LIFE @ 30°C (100 ml)	15 - 20 minutes

Curing: XPERT EP - 100 is suitable for pedestrian traffic after 24 hours. Allow 7 days for full cure.

**RECOMMENDED CONSUMPTION:**

0.20 KG/-PER SQM

PACKAGING

XPERT EP - 100 is supplied in 5 KG Packing.

STORAGE

XPERT EP - 100 is a solvent-based product which must be stored in the original container with the lid firmly secured to avoid solvent loss.

- XPERT shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product.
- XPERT's sole responsibility shall be to replace that portion of the product, which proves to be defective.
- Any warranty claim must be made within six (6) months from the date of the claimed breach.
- This limited warranty applies only if the was properly stored prior to use.

TYPICAL PROPERTIES

CATEGORY	PARAMETERS
Recoat time @ 20°C	4 hours
Minimum application temp	5°C
Full Cure	7 Days
Colour	Slight Yellow

PRECAUTIONS

Where temperatures less than 5°C or greater than 35°C are encountered, contact our Technical Staff for specific advice. Protective gloves, goggles and clothing should be worn.

WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to XPERT Construction Chemicals ("XPRT") quality control standards. All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose.

Satisfactory results depend upon many factors beyond XPERT's control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product.