

KERASEAL WB50

Epoxy water based primer



DESCRIPTION

KERASEAL WB50 is two component water dispersed epoxy based coating system. KERASEAL WB50 is used as primers and sealer for water based coatings or as dustproof for concrete or other porous mineral substrates.



USE

- As a primer for water based coating system
- Dustproofing for new and old concrete surfaces
- Clear sealer for concrete floors
- Improve the surface strength of concrete floors



ADVANTAGES

- Low viscosity
- Good application for wet or new concrete surfaces
- High even absorption
- Excellent adhesion
- Restore concrete surface strength and durability
- High penetration and glossy finish when used as a dustproof



STORAGE

12 months from date of manufacture, when be stored correctly in original packaging, avoid sunshine, temperature from 20°C - 40°C.



PACKAGING

KERASEAL WB50 is supplied in 12kg per set

PRODUCT PROPERTIES

Working time	20 - 30 mins
Surface drying time (ASTM D1640-14)	≤ 6 hours
Abrasion strength (JIS K5600-5-8:1999)	≤ 65 mg
Concentration of organic compounds evaporation (VOC) (ISO 11890-1:2007)	≤ 14%
Bond strength (ASTM D4541)	≥ 2 Mpa
Impact Strength (ISO 6272-2:2011)	≥ 50 kG.cm
Smoothly (TCVN 2091:2015)	40μm

COVERAGE



On normal concrete surfaces: 0.10 - 0.12 kg/ m²

APPLICATION METHOD



Concrete conditions

The compressive strength of the concrete should be minimum 25 N/ mm². The concrete must be dry, free of oil and dirty such as dust, oil or weak layer on the surface. The concrete slab shall be designed to withstand osmotic pressure and/or permeation from ground water, raising damp, rain flooding etc., by incorporating where necessary a water vapor barrier to control any rising hydrostatic pressure.



Preparation

KERASEAL WB50 must be applied to a clean surface, dry and free from oil and greases. And then followed by mechanical preparation to make the surface clean as well as create good adhesion for surface.



Mixing

First mix the Part A for 2-3 minutes to reconstitute any settlement from storage. Add the Part B to the Part A and mix a further 2-3 minutes until homogeneous. For smaller quantities the mix ratio can be obtained on the product label.



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Application

It is suitable for application by brush and short hair roller. For porous surface, can be applied 2-3 coats to increase surface hardness.

CLEANING EQUIPMENT



Clean equipment and tools immediately after use with clean water.

SAFETY PRECAUTIONS



Under normal working practices APT products are safe to handle and use, but as with all chemical products special precautions should be taken during their handling and use. Where possible, working areas should be well ventilated by providing addition ventilation if required. In poorly ventilated areas vapor protection masks may be necessary.

The working area or materials should not be exposed to naked flames, or excessive heat, absolutely no smoking should be allowed in or around the working area. Avoid contact with the skin and eyes, wear suitable protective clothing and barrier creams on exposed parts. Splashes to the skin should be washed off immediately with soapy water do not use solvents. Splashes to the eyes should be rinsed immediately with plenty of water and seek medical advice.

