

AMITEK SMART DUO SHIELD DAMPROOF PRIMER

PRODUCT DESCRIPTION

Amitek Smart Duo Shield Damproof Primer is single component water base pigmented primer specifically designed for sealing the porosity of concrete and masonry surface.

PROPERTIES:

- Application is simple by brush or roller.
- Excellent bonding to absorbent or non-absorbent surfaces.
- Excellent penetration over concrete surface.
- Excellent alkaline resistance.

AREAS OF APPLICATION:

- Amitek Smart Duo Shield Damproof Primer is mainly recommended primer for latex, acrylic polymers and elastomeric coatings
- It is also recommended for absorbent surfaces (concrete) and non-absorbent surface(tiles & GI sheets)
- It can also be used as inter coat adhesion coat on painted surfaces
- Exterior RCC surfaces (including sloping roofs)
- Masonry walls or facades
- Stone walls
- China mosaic tiles

TECHNICAL DATA

Method of Application	Brush or Roller
Appearance	Smooth and Uniform Paste
Dilution	Use Tap Water up to 50% by volume till application consistency is reached.
Specific Gravity	1.45 to 1.55
% Solid	65 ±2%
Volume Solid	40 ±2%
Finish	Matt
Drying Time @ 25°C	30 min (Surface Dry), 24 hrs Hard Dry
Recoating Period	4 to 6 hrs.
Coverage	45 TO 50 sqft/ KG @ 2 mil thickness
Flash Point	None

RESTRICTIONS:

- Avoid application below 5°C and above 35°C
- Avoid application in foggy conditions

COLOUR:

White/ Grey

APPLICATION INSTRUCTIONS

New Concrete Surface: Cement concrete surface should be free from dust and loose particles. Loose particles should be removed by washing or blowing air. Apply Amitek Smart Duo Shield Damproof Primer Coat at a spread rate of 50 -55 square feet/ kg/ coat depending on the porosity of the concrete. Allow 2-4 hrs. to dry, if possible wait 24 hours before application.

Existing/old Concrete Surface: Remove all loosely adhered coatings & other contaminants like algae or fungus. Fill existing cracks with Amitek Smart Duo Shield Damproof Primer (Acrylic Sealant) paintable sealant. Apply Amitek Smart Duo Shield Damproof Primer coat at a spread rate of 50-55 square feet/ kg / coat depending on the porosity of the concrete.

PACKAGING:

Amitek Smart Duo Shield Damproof Primer
15 kg (~10 ltrs)
30 kg (~20 ltrs)

STORAGE LIFE

12 months in original unopened package stored in cool dry place out of direct sunlight.

CONSUMPTION

45 TO 50 square feet/ KG @ 2 mil thickness.
Practical coverage may vary depending on surface conditions.

HEALTH AND SAFETY

Chemical Resistant Gloves should be used when handling the product. If contact with skin occurs, it must be washed with soap and water. Solvent should not be used. Contaminated clothes should be removed. The use of Chemical Resistant Goggles is recommended. If eye contact occurs, immediately splash eyes with plenty of water. Consult Physician if irritation persists. Safety shoes are mandatory.
For detailed information please refer to the Material Safety Data Sheets.

DISCLAIMER:

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