



SHELTERPRIMER AQUA

Water Based Bitumen Primer

FEATURES

Designed for Bitumen Membrane

Water Based- safe to use, low odour and low VOC



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DESCRIPTION

SHELTERPRIMER AQUA is a water based bituminous primer used in building industry for blocking the effects of dust and minimising concrete porosity, allowing an easy laying off of polymer-bitumen membranes. It has good adhering and penetrating properties. Being a water based product, it is not flammable nor dangerous.

CHEMICAL COMPOSITION

Bituminous primer based on bitumen in water emulsion, additives.

APPLICATION

Substrate:

It is suitable for concrete & cement sand screed surfaces. It has excellent penetrating and consolidating properties when applied to dry concrete surfaces. Once applied, it grants a good anchorage for liquid bituminous waterproof polymer-bitumen membranes. Do not apply on cold and wet days or when it rains, as this water based product would not dry and would be washed away.

Use of the product:

The concrete surfaces to be treated should be as dry as possible, clean and free from loose particles, oil, and dust when using SHELTERPRIMER AQUA.

Stir contents well before use. Apply by brush, roller, broom or airless spray.

When applying bituminous membranes on concrete, be sure the already coated primer layer is perfectly dry.

The quantity to be used and the drying time depend on the porosity of the surface, the type of required finish and both surface and room temperature.

The film usually dries within 4-6 hours from application but drying time could vary, up to 8 hours, depending on primer thickness, hard temperature, and not very absorbent substructure.

The primer yield varies from 200 to 300 g/m², depending on substructure porosity and absorbing power.

The tools can be cleaned with water.

COVERAGE

1 litre of SHELTERPRIMER AQUA will cover approximately 5/m². Coverage will vary depending on the porosity of the substrate surface.

DRYING TIME

Allow 4 – 6 hours @ 23°C.

PACKAGING

20 litres

SHELF LIFE

6 months in the original unopened packaging.

SAFETY DATA

First aid:

Swallowed : Give water to clean mouth. Do not induce vomiting.

Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water.

Eyes: Hold open and flood with water for at least 15 minutes.

Inhalation: Remove to fresh air. If breathing is difficult administer oxygen.

If irritation continues seek medical attention promptly.

Contact ARDEX for specific applications and material safety data sheets.

PHISICAL FEATURES

Appearance: brown liquid

Density at 20°C kg/l: 0.9 –1,00

Dry residue at 130°C: 24 - 28%

Viscosity DIN 4 at 20°C: 20" – 25"

pH at 20°C: 11-13

Flash point: not flammable

Shelf life in the original containers: 6 months (in normal conditions)

Technical characteristics are related to current production and ARDEX reserves the right to improve and change its products any time. Technical information given by ARDEX is to the best of its knowledge and is true and accurate. However, as the product is often used under conditions beyond its control, ARDEX cannot guarantee anything but the product itself.