

RIDEX ROOF WATER-PROOFING

FEATURES

- **Liquid Plastic Material**
- **Water-Based**
- **Flexible, Water and Moisture Resistant**
- **U-V Rays Resistance**
- **Excellent Alkali Resistance**
- **Fire Retardant**
- **Insures Good Heat and Light Reflection**

COMPOSITION

Binder: Acrylic Modified Aqueous Co-polymer resin specially designed for application on concrete and masonry surfaces.

Pigments: a blend of Titanium Dioxide and U-V resistant extender silicate pigments specifically balanced for maximum protection, exterior durability, light and heat reflection.

Thinner: water

RECOMMENDED USES

Ideal for use over properly primed concrete and masonry surfaces where it provides strong adhesion properties, seals up porous surfaces, fills hair-line cracks, stops seepage and forms a highly elastic impermeable film surface.

Ridex Roof Water-Proofing is rubbery in structure. When dry, it forms a seamless thick film possessing maximum flexibility and elongation properties (appr. 550% acc to DIN 53455).

COLOUR RANGE

Ridex Roof Water-Proofing is available in clear, white, red, blue and green. Special colours are available on request.

SPECIFICATION DATA

U-V Resistance: No oxidation, discoloration, cracking or other defects after 2400 hours/1200 Watt-Lamp.

Weather Resistance: Expected durability range from 5 years up to 10 years, depending upon surface absorption, film thickness, proper application and prevailing climate conditions.

Water Resistance: Water absorption after 7 days at 90% R.H. amounts to only 4 % wt/wt for a dry film thickness of 700 microns.

Elongation : 700 microns dry film

	Elongation %	Tensile strength (Kg/cm ²)
Before ageing	550%	20 Kg/cm ²
After 1 week at 50° C	350%	52 Kg/ cm ²
After 3 week at 50° C	300%	80 Kg/ cm ²

Spreading rate : Depending upon the porosity of the substrate, one liter of *Ridex Roof Water-Proofing* would cover between 1.0 – 1.5 m², to be applied in 2 coats.

SURFACE PREPARATION

Before application, all surfaces should be cleaned, must be free from dust, dirt, grease, oil or any other adherent on substrate. Porous or badly weathered surfaces must be cleaned and primed. Dilute *Ridex Roof Water-Proofing* with 50% water for the first coat. Allow to dry 24 hours.

Apply second and third coats as supplied, in a cross direction vis a vis of the previous coat (s) by means of longhaired soft brush, roller or broom, leaving at least 24 hours between successive applications.

JOINTS AND CRACKS

Active joints and cracks should be bridged over by means of polyester fabric scrim which has been embedded in undiluted *Ridex Roof Coating*.

Static cracks and holes can be filled with a mixture of one part Roof Coating and three parts of quartz sand.

ATMOSPHERIC CONDITIONS DURING APPLICATION

Do not apply *Ridex Roof Water-Proofing* when rain or fog can be expected during the first stage of the drying period.

Do not apply as well if temperature is below 10° C.

CLEANING

Tools should be cleaned immediately after working with tap water.

PRECAUTIONS & STORAGE

Store in its original sealed packaging away from direct sunlight, flame, heat and freezing conditions.

PACKING

- 1 us gallon
- 5 us gallon