



Description

RP-Waterproof Elastic is an acrylic copolymer-based liquid elastic coating and insulation material. It is a long-lasting insulation material that has features far superior to the existing materials used for waterproofing, is elastically impermeable when dry, can be easily applied to all kinds of floors, provides solutions to your problems, and can be colored.

Fields of Application

Concrete, plaster, cement board, galvanization, zinc, aluminum, PVC, polyester, in the insulation of wooden covered pitched roofs and terraces, In the waterproofing of the exterior of the roofs, cracks, eaves, chimneys It is used in the insulation of details such as the bottoms.

Features & Benefits

- It is waterproofing.
- It is easy to apply and has semi-fluid properties. It can easily cover even difficult surfaces.
- It is elastic up to 500%.
- Provides excellent adhesion to all kinds of building materials.
- It maintains its elasticity in hot and cold differences.
- Resistant to weak chemicals and UV rays.
- Provides breathing opportunity on surfaces.
- It is produced in white color.
- It can be tested in open areas after 48 hours.

Preparation of Substrates

- Surfaces must be ready and dry.
- Surface should be cleaned from dust, dirt, oil and old blistered coatings that may prevent good adhesion.
- The sub-surfaces that are not strong enough to carry themselves e.g. cracked plasters, weak surfaces, or residues of moss should be cleaned from the application surface.
- If necessary, surface cracks should be filled and substrate should be evened with crack filler.

Application

- The opened package should be mixed at low speed.
- When the painting is interrupted for a long time, it is necessary to start the painting process again must be mixed again before starting.
- Especially in dry weather at temperatures between +5°C and +35°C should be applied.
- After the cleaned dry floor, a coat of primer should be applied.
- **RP-Primer** should be applied as a primer and dried for 12 hours should be left.
- After the primer application, three coats of Waterproof are applied.
- In order to avoid cracks on the floor, 12 hours should be waited between coatings.
- It is recommended to apply min. in three coats.
- The application can be done with the help of a paint sprayer or roller.

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Post-Application Protection & Suggestions

- **RP-Waterproof Elastic** is a ready to use product. Please do not add any additives except those recommended in the data sheet.
- The product should be used within the shelf life. Products with expired shelf life must not be used.
- While covering **RP-Waterproof Elastic** applied surface, the waterproofing material should not be damaged by mechanical effects and it should be protected during the curing.
- Fresh applied surfaces should be protected against direct sunlight, strong airflow, high air temperature (over + 35°C), rain and frost during the first days.
- Keep packaging closed when application is interrupted. The product should be protected from freezing.
- It should not be applied at very high temperatures, under direct sunlight, in extremely windy, foggy, rainy, frost-risk weather conditions. Low temperature and high relative humidity can extend the drying time.
- It should not be applied in rainy weather and the applied surface should be protected from rain within 24 hours of application.
- It should not be applied against negative water pressure.
- Surface should not be exposed to heavy traffic.
- Surface and ambient temperature should be at between + 5 °C and + 35 °C during application.
- Consumption values in the technical table refers to an average consumption amount. It may vary depending on the application conditions and surface properties.

Storage

- 1 year at room temperature in its unopened original package.

Packaging

- 18 kg (Tin Bucket) / 2.5 kg (Plastic Bucket)

Technical Properties

(at 23 °C and 50% RH)

General Data

Appearance	White liquid
Structure	Polymer dispersion based
Density	Approx. 1.20 gr/cm ³
Shelf Life	12 months when stored in the original packing.

Application Data

Application Temperature Range	(+5°C) - (+35°C)
Drying Time	6 hours
Waiting Time After Application	Max. 48 hours
Singel Coat Consumption	240 gr/m ² singel coat (It varies depending on the surface.)
Three Coats Min. Consumption	720 gr/m ² 3 coats (It varies depending on the surface.)
Three Coats Mix. Consumption	900 gr/m ² 3 coats (It varies depending on the surface.)



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