

Aqua Guard

Product Description

Aqua-Guard is a flexible water-based polyurethane coating preventing the penetration of water through the roof surface in all weather conditions. Intended for sealing of rooms subject to humidity as well balconies (the material is not suitable for application on tiles). Aqua-Guard is highly durable to any weather conditions, UV-radiation and prevents accumulation of dust and dirt. Due to its elasticity, the material covers and prevents the appearance of hairline cracks in the roof surface. After drying creates thick white polyurethane coat resistant to standing water, reflecting the UV-radiation and preventing the building from warming up.

Surface Preparation

Prepare the roof thoroughly before application. Remove any unfirmly attached paints and clean from dirt. Rinse the surface while using a highway broom. Use a mortar to scrape bulging and loose areas. After rinsing, make sure that all the water drains away and no areas covered with water remain. Once dry, fill wide cracks with an acrylic sealant such as Niroseal. Wait another 24 hours to let the surface dry. Aqua-Guard can be applied on bitumen sheets 30 days after it has been applied.

Application

In the summertime it is advised to apply early in the morning before the surface heats up. Apply Aqua-Guard in 2 coats with a total weight of 1.5 Kg per m². The first coat serves as a primer and needs to be diluted with 30 % water. The second coat can be applied without dilution. Spread the material by a roller along the surface, use a brush on sides

and corners. Wait at least 24 hours before second coat and apply it in the same way. Finish the application at the edge of the roof.

Dilution

dilute the first layer with 30 % water, second with 5-10%

Drying time:

To recoat: 24 hours.

Full cure: 72 hours

Gloss level

Matt.

Application temperature

5 -35 C°

Colour

White, can be tinted in pastel shades.

Clean-up

Wash hands and tools with water and soap immediately after use.

Shelf life and storage

24 months in a cool, dry well-ventilated area in original container.

Health and Safety precautions: The material does not contain lead. During application it is advisable to wear goggles and ensure that the site is adequately ventilated. If the paint comes in contact with eyes, rinse well under running water and seek medical assistance. Keep the package tightly closed. Do not hang on the handle. Keep away from children. Do not mix materials not recommended by Nirlat.

*The practical coverage depends on a variety of factors such as type of surface, application method, paint shade, background color, the professionalism of the applicator as well as weather conditions. It is accepted to assume that it amounts 75 % of the theoretical coverage.