EN

# ACRY SEAL AB 585

Building Chemicals > Waterproofing Products > Structural Waterproofing Products

Acry Seal AB 585 is a liquid coating and insulation material based on acrylic copolymer elastomeric resin, which can be applied by brushing or spraying.

## Areas of Use

- It is used on protected balconies, terraces, and roofs
- In all wet areas
- On all horizontal and vertical surfaces.

## Advantages

- Ready to use.
- Can be easily applied with a roller, brush, or spray.
- Long-lasting. Maintains elasticity even in cold environments.
- Provides high adhesion.
- Can be thinned with water.
- Solvent-free.
- Paintable.
- Creates no joints.

## 1 Surface Preparation

The surface to be applied should be free of oil, dirt, rust, and all loose materials, and if necessary, the surfaces should be cleaned with a water jet. The surface to be applied must have sufficient strength. Wide cracks and gaps on the cleaned surface are filled with Merks Repair Plus series repair mortars. In wet areas, corner joints should be rounded with fillets. Steel surfaces should be painted with anti-rust paint before application. On absorbent surfaces, Acry Seal AB 585 should be thinned with water and applied as a primer.

## 2 Application

Application can be done with a roller, brush, or sprayer. Application should be done in one direction, with the second coat applied perpendicular to the first coat. The waiting time between coats is 4-5 hours at 20°C. The second coat should not be applied before the first coat is completely dry. The application thickness of each coat is approximately 1-1.5 mm. In areas with a high risk of cracking, Merks Bandix DB 888 fillet tape should be applied.

## 3 Consumption Rate

1.5 kg for 1 mm thickness.

## 4 Points to Consider

- Application should be done on the surface exposed to positive water pressure.
- During application, the air should be dry and the temperature should be between +5°C and +35°C. The second coat should be applied perpendicular (90°) to the previous coat using a brush, roller, or sprayer.
- Applications must be covered with a protective layer.
- After finishing the job, tools should be cleaned with plenty of water.
- The lid of the Acry Seal AB 585 bucket should be kept tightly closed. It should be remembered that the product cures with air, and the necessity of closing the lid during long application intervals should not be forgotten.
- Application should be done on the surface exposed to positive water pressure.

## 5 Packaging

In 20 kg plastic buckets.

## 6 Storage Life

Stored in sealed packaging and protected from freezing for a minimum of 12 months.








## **ACRY SEAL** AB 585

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| The Structure Of The Material | Elastomeric resin, polymer reinforced additives |
| Appearance | White, brushable liquid |
| Density | ~ 1,35 kg/l |
| Application Temperature | (+5°C) - (+35°C) |
| Waiting Time Between Coats | 4-5 Hour (+20°C) |
| Service Temperature | -20ºC +80ºC |
| Service Life | Min. 3 days |
| Water Vapor Permeability | Class I; Sd < 5 (Sd: Equivalent air layer thickness) |
| Capillary Water Absorption and Water Permeability | w < 0,1 kg/(m2.h0,5) |
| Adhesion Strength | ≥ 1,00 (28 day) N/mm2 |
| Shelf Life | In unopened packaging, in a dry environment, for 12 months. |
| Packaging | 20 kg bucket |