

# ACRY SEAL AB 580 UV

Building Chemicals > Waterproofing Products > Structural Waterproofing Products



Acry Seal AB 580 is a liquid coating and insulation material based on acrylic copolymer elastomeric resin, resistant to UV, which can be applied by roller or spray.

## ■ Fields of Application

- It is used in detailed and extensive roof, terrace, and balcony areas,
- Chimney edges, eaves, gutters, and drains,
- All wet areas,
- On all horizontal and vertical surfaces.

## ■ Advantages

- Since it is UV resistant, there is no need to cover it.
- It is ready to use.
- It can be easily applied with a roller or brush.
- It is long-lasting and maintains its elasticity even in cold environments.
- It provides high adhesion.
- It can be thinned with water.
- It does not contain solvents.
- It can be painted.

## 1 Preparation of Substrate

The surface to be applied must be cleaned 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 should be filled with Merks Repair Plus series repair mortars. Corner joints should be rounded with putty. Steel surfaces should be painted with an anti-rust primer before application. On absorbent surfaces, Acry Seal AB 580 should be applied as a primer by diluting it with water.

## 2 Application

Application can be done using a roller, brush, or sprayer. The application should be done in one direction, and the second coat should be 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 until the first coat is fully dried. The application thickness of each coat is approximately 1-1.5 mm. In areas with a high risk of cracking, Merks Bandix DB 888 putty tape application should be done.

## 3 Consumption Rate

1mm kalınlık için 1,5 kg.

## 4 Points to Consider

- The application should be done on a surface exposed to positive water direction.
- During application, ensure that the air is dry and the temperature is between +5°C to +35°C, and during the second coat application, the brush, roller, or sprayer should be applied perpendicular (90°) to the previous coat.
- After completion of the work, tools should be cleaned thoroughly with plenty of water.
- The Acry Seal AB 580 bucket should be tightly sealed for storage. It should be noted that the product cures with air, and it is essential to close the lid during long application breaks.
- Areas to be applied are suitable only for light traffic. Applications required for areas exposed to impacts or heavy traffic must be covered with a protective layer.
- In large areas, it is recommended to apply the product with thin insulation reinforcement meshes.
- The product should be protected from freezing, as using a frozen product after thawing will result in loss of properties and should never be used.

## 5 Packaging

In 20 kg plastic buckets.

## 6 Storage Life

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



## TECHNICAL DATA

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	-20°C +80°C
Service Life	Min. 3 days
Water Vapor Permeability	Class I; Sd < 5 (Sd: Equivalent air layer thickness)
Capillary Water Absorption and Water Permeability	$w < 0,1 \text{ kg}/(\text{m}^2 \cdot \text{h} \cdot 0,5)$
Adhesion Strength	$\geq 1,00 \text{ (28 day) N/mm}^2$
Shelf Life	In unopened packaging, in a dry environment, for 12 months.
Packaging	20 kg bucket