

## TECHNICAL DATA

CORULIQUID



## *PRODUCT DESCRIPTION*

CORULIQUID, which dries and forms a waterproof insulation layer on the surfaces it is applied to, is a polymer-based, single-component waterproofing product.

## *AREAS OF USE*

- Indoors and outdoors,
- On roofs, streams and gutters, chimneys and parapet edges,
- In the insulation of terrace roofs and balconies,
- In curtain insulation and membrane joint repairs,
- On metal roofs, wood,
- On asphalt and concrete floors,
- As a waterproofing layer in prefabricated concrete, painted sheet metal, galvanized sheet metal, GRP water channels,
- Can be used on exterior facades.

# TECHNICAL SPECIFICATIONS

Chemical Structure	Acrylic polymer
Application Temperature	Between +10°C and +30°C
Application Thickness	1,50-2,0 mm
Application Tools	Brush-roller-airless gun
Recoatibility Period	(23°C) 5-10 seconds
Color Features	Yellow-red(also ask)
Complete Drying Time	(23°C) 24-48 hours
Average Consumption	1,4kg-1,57kg/m <sup>2</sup>
Water transfer rate	≤0.1 kg/m <sup>2</sup> .h0.5
Adhesion Strength Pull-Off	≥0,8 N/mm <sup>2</sup>
Water vapor transfer rate	<5 M

## FEATURES

- It can be painted with acrylic based paints.
- It has high adhesion to the ground.
- It is resistant to water ponding.
- It will not break, crack or swell up and lift off the surface.
- Easy to apply.
- It is ready to use, it does not need to be diluted.

- It provides high defensive resistance against corrosion and chemicals.
  - It gives a shiny appearance to the surface.
  - It has high mechanical resistance to abrasion and impacts.
  - It is not affected by fungi and bacteria.
  - It is resistant to sunlight as it is not affected by UV rays.
  - It is resistant to salt water, grease and oil and is also impermeable.
  - It can create a barrier against moisture coming from below by filling the pores on the surfaces it is applied to.
- 

## *SURFACE PREPARATION*

- The application surfaces must be dry or slightly damp.
  - Layers that will reduce adhesion such as oil, grease, dirt, paint, cement grout, rust, mold oil, salt efflorescence must be completely cleaned before application.
  - Surfaces must be clean, solid, free from bearing and loose particles.
  - The surface should be prepared by carefully repairing any cracks and breaks that may be present on the surface with CORU-RM-INCE repair mortar.
  - After the surface is ready, primer application should be started.
  - Steel surfaces should be primed with anti-rust.
  - CORULIQUID should be diluted with 40-50% water and applied as a primer layer on surfaces such as Eternit, gas concrete, briquette, tile, brick, concrete and plaster.
  - In open spaces such as terraces, corners must be chamfered horizontally or vertically at a 45° angle and made ready for insulation.
- 

## *APPLICATION*

- The surfaces to be applied are primed with a single coat by diluting the product itself with 50% CORULIQUID.
- CORULIQUID application can be started at most 8 hours after the primer application.
- Application should be made in 2 coats on prepared surfaces using a brush, roller or airless spray.
- The application of each layer should be perpendicular to the previous one and should be completed in one go.
- In order for the sealing to be healthy, chamfering should be done where necessary on horizontal or vertical parts.
- Wait 5 to 8 hours between coats.
- Drying time may be longer in environments with low temperatures and high humidity.
- The second layer should not be applied on surfaces that are not fully dried.

---

# *STORAGE, PACKAGING, CONSUMPTION*

- It should be stacked up to 3 times in its original packaging.
- It should be stored in a closed area.
- Necessary precautions must be taken against water, humidity, frost and severe weather conditions.
- It should be stored on a pallet and in a dry place between +5°C and +25°C.
- Punctured, opened and burst buckets should be closed or used immediately.
- If the specified storage conditions are observed, the storage life is 12 months.
- CORULIQUID is available in 10 to 20 kg liquid form in a bucket, ready to use, and is not diluted.
- It is produced in grey, yellow, red colors, please consult your representative for different colors. Consumption rate varies depending on the application technique and absorbency of the surface.
- A controlled sample is recommended for exact consumption.
- The specified rates are theoretical standards and may vary depending on the application method and intensity of use.

---

# *SAFETY AND WARNINGS*

- This product is not suitable for pressure water insulation.
- Freshly applied material should not be exposed to rain or frost for 24 hours.
- CORULIQUID should not be applied in rainy and foggy weather below +10°C.
- It should not be applied to wet and frozen surfaces.
- Pay attention to the safety signs and warnings on the packaging.
- Adequate ventilation should be provided in workshops, and open flames and high temperatures should be avoided.
- Mix well before application.
- Do not leave the lid of the packaging open.
- Avoid application in weather conditions where rain is expected or under rain.
- It should not be brought into contact with skin, eyes and mouth, and the application should be carried out by taking the necessary work safety precautions.
- Avoid applying at temperatures below +10°C and above +30°C, do not try to use frozen material by adding water.