



## TECHNICAL DATA

CORUFIRM



## *PRODUCT DESCRIPTION*

Corufirm is a single component, plastic, glossy coating and flexible waterproofing material based on acrylic elastomeric resin, applied by spreading.

## *AREAS OF USE*

- On large surface, highly detailed, flat and sloping roofs,
- On drip trays on terraces and balconies,
- It can be easily applied by everyone in the waterproofing of channels and flumes, chimney edges, eaves, gutters and filters,
- It does not create joints and adapts to all types of surfaces.
- Indoors and outdoors,
- On metal roofs, wood,
- It is suitable for use on exterior facades.

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# *TECHNICAL SPECIFICATIONS*

Chemical Structure	Acrylic copolymer
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-grey (also ask)
Complete Drying Time	(23°C) 24-48 hours
Average Consumption	1,5kg-2kg/m <sup>2</sup>

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## *FEATURES*

- 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.
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# *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 CORURMINCE repair mortar.
  - After the surface is ready, primer application should be started.
  - Steel surfaces should be primed with anti-rust.
  - CORULIQUID should be applied as a primer layer by diluting it with 40-50% 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.
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# *APPLICATION*

- The surfaces to be applied are primed with a single coat by diluting the product itself with 50% CORUFIRM.
- 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. 5 to 8 hours should be waited between layers.
- Drying time may be longer in environments with low temperatures and high humidity.
- If the floor is not completely dry, the second coat should not be applied.

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# *STORAGE, PACKAGING, CONSUMPTION*

- In its original packaging, it should be stacked up to 3 layers high.
  - 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 +10°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.
  - CORUFIRM is offered in 10 kg to 20 kg liquid buckets ready for use, it 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.
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# *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.
- CORUFIRM 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, open flames and high heat should be avoided. Mix well before application. Do not leave the lid of the package 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.