

TECHNICAL DATA

MS POLYMER



PRODUCT DESCRIPTION

CORU MS POLYMER, 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

- In the insulation of terrace roofs and balconies,
- In curtain insulation and membrane joint repairs,
- On metal roofs, wood,
- On asphalt and concrete floors,
- In waterproofing under ceramics, in wet areas (bathroom, WC, shower, kitchen, etc.)
- 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	Ms polimer
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
Complete Drying Time	(23°C) 24-48 hours
Average Consumption	1,2kg-1,5kg/m ²
Water transfer rate	≤0.1 kg/m ² .h0.5
Adhesion Strength Pull-Off	≥0,8 N/mm ²
Water vapor transfer rate	<5 M

FEATURES

- It has high adhesion to the ground.
- It will not break, crack or swell up and lift off the surface.
- Easy to apply. Ready to use, does not need to be diluted.
- It provides high defensive resistance against corrosion and chemicals.
- It gives a shiny appearance to the surface.
- Resistant to acids, petroleum products, water and solvents.
- 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.
 - Surfaces must be clean, solid, free from bearing and loose particles.
 - In open spaces such as terraces, corners must be chamfered horizontally or vertically at a 45° angle and made ready for insulation.
 - Layers that will reduce adhesion such as oil, grease, dirt, paint, cement grout, rust, mold oil, salt efflorescence must be completely cleaned before application.
 - After the surface is ready, primer application should be started.
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APPLICATION

- The surfaces to be applied are primed with a single coat by diluting the product itself with 50% CORU MS Polymer.
- CORU MS Polymer application is started 8 hours after the primer application at the latest.
- Application should be made in 2 layers with a roller or brush on prepared surfaces.
- 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 10 hours between coats.
- Drying time may be longer in environments with low temperatures and high humidity.



STORAGE, PACKAGING, CONSUMPTION

- It should be stacked up to 4 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.
- CORU MS Polymer is offered in 10 kg to 18 kg liquid form ready for use in a bucket, it is not diluted.
- Grey, white, tile, RAL colors are produced.
- Consumption rate varies depending on the application technique and the 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

- 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.