

TECHNICAL DATA

CORUWHITE



PRODUCT DESCRIPTION

CORUWHITE is a single component under-tile waterproofing material with very superior properties that is applied in liquid form and turns into an elastic, impermeable and durable coating when dry.

AREAS OF USE

- On all building materials that are required to be impermeable to water and moisture,
- On the edges of chimneys and parapets on roofs,
- On all horizontal and vertical surfaces,
- In filter insulation,
- In the insulation of terrace roofs and balconies,
- On metal roofs, wood,
- 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,

TECHNICAL SPECIFICATIONS

Chemical Structure	Liquid spread insulation
Application Temperature	Between +10°C and +30°C
Application Thickness	1,00-1,50 mm
Application Tools	Brush-roller
Recoatibility Period	(23°C) 5-10 seconds
Color Features	Transparent-grey (also ask)
Complete Drying Time	(23°C) 24-48 hours
Average Consumption	0.75kg-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 is easy to apply and has a semi-fluid feature.
- It is elastic and can be easily applied to difficult surfaces.
- Provides excellent adhesion to all types of building materials.
- It maintains its elasticity in hot and cold conditions.
- It is resistant to weak chemicals and UV rays.
- It allows surfaces to breathe due to its microporous structure.

- Can be colored. Resistant to water ponding.
 - It will not break, crack or swell up and lift off the surface.
 - 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.
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SURFACE PREPARATION

- CORUWHITE must be applied to absolutely moisture-free, dry and clean surfaces.
 - 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.
 - The surfaces to be applied must have a slope that will not allow ponding.
 - After the surface is ready, primer application should be started.
 - Depending on the condition of the surfaces, CORUWHITE should be diluted with 100% water and a primer should be applied.
 - In open spaces such as terraces, corners must be chamfered horizontally or vertically at a 45° angle and made ready for insulation.
 - Chamfering that needs to be done on surface irregularities and joints is done with lime-free cement mortar.
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APPLICATION

- CORUWHITE application is started 24 hours after the primer application at the latest.
- It should be applied to prepared surfaces with a brush or roller in 2 layers without diluting.
- After the first layer is applied to horizontal and vertical joints, chimney bottoms and filter edges, the reinforcement mesh is laid in the form of a strip and pressed onto the wet material. After it dries, the material is applied until the reinforcement is covered.
- The application of each layer should be perpendicular to the previous one and should be completed in one go.
- Wait 5 to 8 hours between coats.
- Drying time may be longer in environments with low temperatures and high humidity.
- The second coat should not be applied on surfaces that are not fully dried. In order to ensure a healthy seal, chamfers should be made where necessary on horizontal or vertical sections.

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.
- CORUWHITE is offered in a bucket of 10 to 20 kg of liquid ready for use, it is not diluted.
- It is produced in grey, yellow and red colors, please consult your representative for different colors.
- 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

- This product is not suitable for pressure water insulation.
- Freshly applied material should not be exposed to rain or frost for 24 hours.
- CORUWHITE 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.