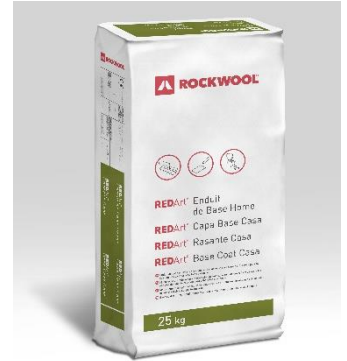


REDArt® Capa Base Casa

Mortar used to create an intermediate reinforced layer on the stone wool slabs ROCKWOOL and/or to glue them to the support.
 REDArt Capa Base Casa is a grey cement mortar with polymers added, that provides high vapour permeability, increased mechanical resistance and excellent flexibility.
 REDArt Capa Base Casa is a mortar reinforced with polypropylene fibres.



Application

The REDArt® Capa Base Casa mortar is used to spread one mortar layer on the ROCKWOOL® stone wool slabs embedding anti-alkaline fiberglass mesh or to adhere the slabs to various supports.

Technical Properties

Base	Mortar based on cement with added polymers
Mix ratio	6,0 litres of water per 25 kg of dry product
Workability time	Max. 3 hours
Open time	Approx. 20 minutes
Drying time	48 - 72 hours
Density of wet mortar	Approx. 1,70 kg/dm ³
Water vapor diffusion resistance factor μ	15 - 35
Thermal conductivity	0,47 W/mK
Compression resistance	CS IV
Use	5-6 kg/m ² of dry material
Air and substrate temperature	From +5°C to +30°C

Advantages

- High mechanical resistance
- Optimal vapor permeability
- High flexibility

Application instructions

Support preparation

- The support should be a flat, strong and dry surface. It also should be pollution free (like dust, paint in bad conditions, grease and dirt).

Product preparation

- Slowly pour the content of the bag (25 kg) into a container with 6,0 litres of clean water, stirring constantly with a slow speed blender until a uniform material consistency is achieved.
- Let it rest for 10 minutes and stir again before applying.
- The prepared product can be used within the next 2-3 hours depending on the temperature and the relative humidity.

- During application, the mortar should be stirred again approximately every 20 minutes.

Product application

- **Adhesion of stone wool slabs.** The adhesive should be applied on stone wool slabs in 2 steps, regardless of whether the entire surface of the slab is covered or it is applied with central points and a perimeter cord. In the first step, a thin layer of adhesive mortar should be applied on the entire surface of the slab, and then, after a partial hardening, apply a second layer of adhesive on the entire surface, or apply central points and a perimeter cord. In the latter case, the adhesive must cover at least 40% of the slab surface.
- **Intermediate mortar layer and reinforcement over the stone wool slabs.** In the first place, cover the entire stone wool slabs surface with a thin layer of reinforcement mortar, and then, using a notched trowel apply a second layer of mortar of higher thickness. Afterwards, press the fiberglass mesh against the mortar layer and embed it completely. The final thickness of the layer with embedded mesh is between 3 and 5 mm. The mesh must be placed on the third part of exterior, protected by a minimum thickness of 1 mm. The reinforcing mesh should not be installed in a direct contact with the slabs. A thin layer should not be added to the dried reinforcement layer: too rapid evaporation of the water from the added layer can cause its separation from the surface.

Do not apply the product in adverse weather conditions with rain, too strong solar radiation or high humidity!

Storage

Keep the product in its original closed container. Protect from humidity and outdoors. Suitable for use for 12 months.

Packaging

Bag of 25 kg

Prevention and safety

Irritating. For more information refer to the Safety Datasheet.

Regulatory document

- ETE 16/0270
- CPR-DoP-LAT-303 available on <https://www.rockwoolgroup.com/dop>

Note

This product data sheet contains basic instructions for the application of the product and does not exempt users from their responsibility to work in accordance with good construction practices, thermal insulation work methods and OHS regulations. ROCKWOOL guarantees and will be responsible for the quality of the product. However, the company cannot control the methods or conditions in which the product is used. All the technical data were measured under average conditions, that is, air temperature: +20 ° C, relative humidity: 60%. Under different conditions, the drying time may vary.

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ROCKWOOL Peninsular S.A.U.

Ctra. Zaragoza, Km. 53,5 N121.

31380 Caparroso, Navarra, Spain

T (+34)902 430 430

www.rockwool.es