

TRANSCOL AQUAMEMBRA

Strongly adhesive two-component cementitious mortar

COLOUR Part A – White/Grey Part B – White	PACKING Part A – 24 Kg Bag Part B – 10 L Bucket	USE Exterior/Interior	THEORETICAL CONSUMPTION 1.6 to 1.8 kg/m ² /mm
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1. PURPOSE

Water-repellent mortar, indicated for waterproofing water reservoirs, tanks and swimming pools. Suitable for bathrooms, showers and environments subject to strong humidity. It must be applied manually, with a trowel, as a coating.

2. TECHNICAL DATA

Bucket	
Property	Value
Density (aqueous dispersion)	≤ 1030 ± 200 Kg /m ³
Viscosity	50 - 350 mPa.s
Sack	
Property	Value
Volumic mass (powder)	1400 ± 200 Kg /m ³
Folder	
Property	Value
Volumic mass (paste)	1600 ± 200 Kg /m ³
Initial Adhesion	≥ 1 N/mm ²
Adhesion after heat action	≥ 0.5 N/mm ²
Adhesion after contact with water	≥ 0.5 N/mm ²
Adhesion after freeze/thaw cycles	≥ 0.5 N/mm ²
Elongation to break	≥ 0.75 mm
Reaction to fire	Class E

Results obtained according to EN 12002 and EN 12004 under controlled conditions

3. COMPOSITION

Part A: Siliceous sand, calcium carbonate, grey cement, inorganic additives and water retainers.

Part B: Single-component acrylic resin emulsion.

4. SUPPORT

In the case of new substrates, you should wait at least 28 days after the application of concrete and screeds, until they are completely stabilized and dried.

The substrate must be clean, free of cracks, free of dust, grease and oils. Do not apply to paints, plaster and other special coatings.

Check if the masonry has good adhesion and stability for mortar application, otherwise the surface must be previously treated to correct these factors, using water/sand jetting, surface brushing. In case of poor adhesion, apply, for example, Transcol Adere-P before Transcol Aquamembra.

5. PREPARATION

Mix the dry contents of the 24 kg bag with the aqueous mixture of the 10 L bucket little by little, until you obtain a homogeneous mass, without lumps.

Mixing can be carried out using a concrete mixer or a low-speed kneading machine.

In mechanical application, adjust the water ratio until a homogeneous mass is obtained, without lumps and with the desired consistency.

Once mixed, the mortar should be applied within the next 20 minutes without adding any more water after kneading.

6. APPLICATION

Wet the substrate properly so that it is not too dry or too wet.

Apply the mixture in a uniform layer of thickness between 1 mm and 2 mm, with the help of a rolling pin or metal liquor.

2 to 3 layers can be applied, in a criss-cross direction, waiting between 24 hours and 48 hours between layers, as well as the incorporation of an anti-alkaline fiberglass mesh with a 2x2 or 4x4 mm mesh, if necessary.

The coating must respect the existing joints in the support, such as expansion joints, and is interrupted there.

After the waterproofing has been carried out, you must wait 7 days before doing the leak test. After this period necessary for the curing of the mortar, you must place the structure with water for a minimum of 72 hours, in order to detect any failures in the application of waterproofing.

7. SAFETY

It is recommended to use a dust mask to protect the respirable crystalline silica, goggles and gloves when handling the product. If there is contact with eyes, rinse thoroughly with clean water. Do not ingest. Refer to the Product Safety Data Sheet.

8. USEFUL ADVICE

- ◆ Application temperature from 5°C to 30°C;
- ◆ Excess water in the preparation alters the physical characteristics of the product;
- ◆ Never add any other type of product to the mortar;
- ◆ Never use acid or excess water to clean mortar residues;
- ◆ Do not apply in rain, very humid environment or strong wind;

- ◆ Do not apply on icy surfaces or those at risk of frost within 24 hours of applying the product.

9. STORAGE

Store in a dry and ventilated place, on the pallet and in the original closed and protected packages, for 180 days from the date of manufacture.