

TRANSCOL H₂O ADHESIVE

Cementitious construction glue for use in water tanks and swimming pools

COLOUR
White

PACKING
25kg bag

USE
Water Reservoirs and
Swimming Pools

**THEORETICAL
CONSUMPTION**
4 kg/m²/mm

1. PURPOSE

H₂O Cement Glue, classified as C2 TE, is a construction glue indicated for laying and grouting ceramics, marble, mosaic and tile up to 400 cm², in water reservoirs and swimming pools.

2. TECHNICAL DATA

Property	Value
Volumic mass (powder)	1400 ± 200 Kg /m ³
Open time	20 min ≥ 0.5 N/mm ²
Initial adhesion	≥ 1 N/mm ²
Adhesion after immersion in water	≥ 1 N/mm ²
Adhesion after heat action	≥ 1 N/mm ²
Adhesion after freeze-thaw cycles	≥ 1 N/mm ²
Mudslide	≤ 0.5 mm
Reaction to Fire	Class E
Ceramics area/tam. of the teeth of the trowel	Consumption
S < 400cm²	4 Kg/m ²

Results obtained in tests according to EN 12004-1, under controlled conditions

3. COMPOSITION

Washed siliceous sand, white cement, calcium carbonate, inorganic additives and admixtures, water retaining additives.

4. SUPPORT

Masonry supports, wall or floor must be more than 30 days old. Plaster and subfloor mortar with batten or unplanned must be more than 14 days old.

The substrate and the parts to be applied must be clean, free of dust, paint residues, grease and formwork oils.

5. PREPARATION

Mix the contents of the 25Kg bag with approximately 6 to 6.5 litres of clean water until a homogeneous mass is obtained, without lumps.

Mixing is preferably carried out mechanically with a low-speed mechanical agitator.

6. APPLICATION

Spread the glue well with a comb or notched trowel (6 to 8 mm). The mortar removed by the teeth of the trowel must be remixed with the rest.

Then, place the piece to glue by tightening it with vibratory movements until you obtain a layer with a thickness of approximately 4 mm. Hit lightly with a rubber hammer, without damaging the surface of the ceramic pieces.

Provide joints of at least 2 mm between the pieces, which must be filled with mortar and a joint capable of absorbing the dimensional variations of the pieces. Joint putty can be applied between 24 to 48 hours after gluing.

Whenever greater efficiency or gluing of larger parts is desired, a double glue should be made. This type of bonding is applied to parts with an area greater than 625 cm² and in areas of heavy traffic.

Once applied, it has a setting time of 30 minutes.

Clean all excess mortar immediately after laying the ceramic tiles, with a slightly damp sponge, only with clean water.

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.