

TRANSCOL GLASS BRICK ADHESIVE

C2E cement-based construction glue for laying and grouting blocks of glass in interior or exterior panels

COLOUR
White

PACKING
25kg bag

USE
Exterior/ Interior

THEORETICAL CONSUMPTION
4 to 5 kg/m²/mm

1. PURPOSE

Glass Brick Cement Glue is a construction glue suitable for laying and grouting glass blocks in interior and exterior panels.

2. TECHNICAL DATA

Property	Value
Volumic mass (powder)	1400 ± 200 Kg /m ³
Open time	30 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

Results obtained 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

The glass block panels must be independent of the rest of the structure, and must not support loads either on the tops or sides. They must be made of cement or masonry.

Do not apply on horizontal panels or with an inclination of less than 45°.

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 litres of clean water until you obtain a homogeneous mass, without lumps.

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

Once mixed, the mortar should rest for 5 minutes before application.

6. APPLICATION

Spread the glue well with a trowel, with a thickness of 8 to 10 mm.

Then place the piece to glue and repeat the same process for the remaining pieces until the row is complete. Start a new row over the parts already placed. Plastic spacers between blocks or profiles should be used for assembly.

Provide joints of at least 8 mm between the pieces, which must be filled with mortar and a joint capable of absorbing the dimensional variations of the pieces.

Once applied, it has a setting time of 20 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.