

# TRANSCOL MANUAL EXTERIOR GREY PLASTER

*CS III-W2 type mortar for the execution of battened, trowed, and sandblasted plasters*

<b>COLOUR</b> Grey	<b>PACKING</b> 25kg bag	<b>USE</b> Exterior	<b>THEORETICAL CONSUMPTION</b> 13.8 Kg/m <sup>2</sup> /cm
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## 1. PURPOSE

Dry water-repellent mortar, used for exterior wall cladding and any interior walls, where some resistance to water penetration is desired, such as in kitchens and bathrooms.

## 2. TECHNICAL DATA

Property	Value
<b>Volumic mass (powder)</b>	1500 ± 200 Kg /m <sup>3</sup>
<b>Volumic mass (paste)</b>	1600 ± 200 Kg /m <sup>3</sup>
<b>Open time</b>	30 min
<b>Spreading</b>	160 ± 5 mm
<b>Compressive Strength (28 days)</b>	CS III 3.5 N/mm <sup>2</sup> to 7.5 N/mm <sup>2</sup>
<b>Brick Adhesion</b>	≥ 0.5 N/mm <sup>2</sup> /FB: A and B
<b>Adhesion to Concrete</b>	≥ 0.5 N/mm <sup>2</sup> /FB: A and B
<b>Capillarity (28 days)</b>	W <sub>c2</sub> ≤ 0.20 kg/m <sup>2</sup> min <sup>0.5</sup>
<b>Water vapour permeability</b>	μ ≤ 15
<b>Reaction to Fire</b>	Class A1

*Results obtained according to EN 998-1 under controlled conditions*

## 3. COMPOSITION

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

## 4. SUPPORT

Apply to ceramic brick, cement block and concrete masonry.

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

It should be applied to the flat and regular wall, proceeding, if necessary, to correct it.

The substrate should not be too dry and if it is, you should slightly moisten the surface 20 minutes before application, or in specific cases, apply surface regulator and/or in the case of substrates of different nature, apply Transcol Chapisco.

If the substrate is concrete, an aqueous adhesion exchanger such as the Transcol Adere-P product should be applied.

## 5. PREPARATION

Mix the contents of the 25Kg bag with approximately 3,5 to 3,75 litres of clean water until a homogeneous mass is obtained.

The mixture can be carried out manually, using a concrete mixer or a kneading machine. Once mixed, the mortar should be applied within the next 30 minutes without adding any more water after kneading.

## 6. APPLICATION

Spread the mortar well in an even layer 15 to 20 mm thick.

In fillings greater than 20 mm, it should be applied in two layers, both with similar thicknesses, ensuring that the lower layer has already finished setting.

After application, you should smooth the surface to the plank and, depending on the desired finish, you can use trowel for ceramic tiles, ornamental stone, thick coating and/or sponge for smooth painting.

The curing time of the Transcol Manual Exterior Grey Plaster is 28 days and does not replace the paint.

## 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.