

GROUT

VR - 701

VISANREPAIR



Features

It is a chloride-free mortar with high mechanical strength in both the short and long term, featuring excellent fluidity and compensated shrinkage. Designed for filling and anchoring structural elements. Tested according to EN 1504-6 standard. It is used for structural filling in building construction and for filling ducts, anchors, joints, or beam supports in civil engineering works. It can be applied in fillings ranging from 10 to 120 mm without the need for additional larger aggregates. Other applications: creation of bases, fixing metal structure plates to concrete floors, and anchoring metal posts and support points for columns.

Applications

For standard applications (anchoring and filling), mix VR-701 GROUT with 2,75 - 3,25 liters of water per 25 kg bag, depending on the desired consistency. Mix in a watertight container, pour in the indicated amount of water, and slowly add product into the water until a homogeneous, lump-free mix is achieved. The mortar should have good flowability without segregation or bleeding. Avoid air entrapment and allow the mixture to rest for a few seconds before pouring.

Storage

The product must be kept in its original packaging and stored in a dry place. Under these conditions, it can be stored for at least twelve months.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Gray powder
Reaction to fire	A1
Powder density	$1,3 \pm 0,05 \text{ Kg/dm}^3$
Workability time at 20°C	> 30 min
Hardened density	$2,25 \pm 0,05 \text{ Kg/dm}^3$
Shrinkage / Expansion	< 0,1 %
Pull-out resistance (Displacement / Load-bearing)	$\leq 0,6 \text{ mm} / 75 \text{ KN}$
Chloride ion content	$\leq 0,05 \%$
Compressive strength at 24 h	> 25 Mpa
Compressive strength at 28 days	> 60 Mpa
Flexural strength at 28 days	> 7 Mpa

Instructions for use

Mix with the indicated amount of water. Application can be done manually or by machine spraying. Spread the product to achieve the most uniform layer possible. The substrate must be clean, free of laitance and release agents. Do not apply on wet surfaces or on substrates with loose particles. Do not apply on plaster substrates or painted surfaces.

Compliance standards

Do not apply on substrates affected by moisture. Application temperature: between +5°C and +30°C. Do not apply when there is a risk of rain, frost, strong wind, or direct sunlight. Do not add sand, cement, or water during the setting process. Respect the indicated mixing water amount.

Presentation

The product is available in 25 kg bags and shrink-wrapped pallets of 40 bags (1000 kg).

