

VETROSYSTEM

Self-grouting adhesive for the installation and simultaneous grouting of glass bricks.



Technical features

VETROSYSTEM is a single-component powder product based on special cements, selected graded quartz, synthetic resins and additives. The product enables to install and simultaneously grout glass bricks.

Applications

- Installation of glass bricks on vertical walls.
- For outdoor applications, it is recommended to mix VETROSYSTEM with IMPER 21.

Important warnings

- Do not use at temperatures lower than +5°C and higher than +35°C.
- Do not use for glass bricks with glossy surface.
- Do not apply with wet or damp glass bricks.
- Do not apply with hot glass bricks.
- Do not mix with cement, lime, gypsum, etc.

Mix preparation

Mix 5 kg of VETROSYSTEM every 1.2 l of clean water, by mechanical stirrer with low speed, till getting a smooth and clogless mix. For getting excellent application features of VETROSYSTEM, it is recommended to let the mix rest for 5 minutes and to stir it shortly before using it.

Glass brick preparation

In the installation and simultaneous grouting of glass bricks, self-grouting VETROSYSTEM can be applied by metal squeegee or trowel, evenly spreading the product on both surfaces to be bonded, for getting a perfect adhesion. Press the glass bricks during the installation, so that the excess product can escape and be removed by metal squeegee. Even the joint by a damp sponge for the grouting. Clean by a dry cloth.

Specifications

The installation and simultaneous grouting of glass bricks with thickness from 4 to 20 mm shall be made by a self-grouting system, e.g VETROSYSTEM by ADESITAL S.p.A.

Technical data (at +23°C and 50% R.H.)

Appearance	powder
Colour	white and pearl grey
Powder volume mass	1.01 g/cm ³
Storage	24 months in the original packaging and in a dry place
Safety	irritant Please check the information on the package and on the safety sheet.
Inflammability	no
Customs item	3824 5090

Application data

Mixing ratio	1.2 l of water every 5 kg of VETROSYSTEM
Mix volume mass	1.4 g/cm ³
pH	>12
Pot life	45 minutes
Application temperature	+5°C÷+35°C
Open time	45 minutes
Adjustment time	40 minutes
Final hardening	after 14 days

Final performance

Resistance to compression	13.0 N/mm ²
Resistance to flexure	6.5 N/mm ²
Resistance to humidity	excellent

Coverage	0.5 kg every glass brick
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VETROSYSTEM packages	white and pearl grey 4x5 kg box
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Warning: The above indications and rules correspond to our best experience, but shall be deemed as merely indicative and shall be confirmed by exhaustive practical tests; thus, before using the product, the operator shall determine if it is suitable for its intended use and shall undertake every responsibility resulting from its use. PROFESSIONAL USE ONLY