

glueflex modular big

technical sheet - ed. 09/2023



COMPANY
WITH QUALITY
MANAGEMENT
SYSTEM
CERTIFIED



INDOOR



OUTDOOR



WATER
BASED



TROWEL

Two-pack cement-based adhesive

DESCRIPTION

Two-pack cement-based adhesive - A (cement powder) B (elasticizing resin) - specifically formulated for laying of large, non-absorbent ceramic (porcelain stoneware, terracotta, klinker, etc.), stone and mosaic wall and floor tiles. Moisture resistance: excellent. The TVOC Class A+ makes it suitable for complying with Leed Bream CAM protocols. Resistance to solvents and acids: excellent For professional users only.

Moisture resistance: excellent

Resistance to acids and alkalis: poor

Resistance to solvents and acids: excellent

MAIN PROPERTIES

- Specific for large format TERMOK8

TECHNICAL DATA

Classification (UNI 8681 / UNI 8682)	Cement-based adhesive (C), improved (2), extended time (E), highly deformable (S2).
Granulometry (EN 13300 / EN 1062)	0.5mm
Tensile adhesion strength after thermal aging (EN 1348:2007)	$\geq 1.0 \text{ N/mm}^2$
Tensile adhesion strength after water immersion EN 1348:2007	$\geq 1.0 \text{ N/mm}^2$
Tensile adhesion strength after freezing (EN 1348:2007)	$\geq 1.0 \text{ N/mm}^2$
Apparent bulk volume	$1300 \pm 50 \text{ g/l}$
Bulk volume in paste	$1650 \pm 50 \text{ g/l}$
Mixing Ratio	30% with pack B - 7.6 Litres per 25Kg pack of component A
Maximum application thickness	5 mm one coat
Drying time	walkable after 24 -48 hours. Commissioning after 14 days. Swimming pools can be filled after 21 days. Drying time depends greatly on environmental conditions.
Open time (EN 1346)	30 min
Reaction to fire (EN 13501-1)	A2-s1, d0
Initial tensile traction (EN 1348:2007)	$\geq 2.1 \text{ N/mm}^2$
VOC	Not covered by Directive 2004/42/CE

CHARACTERISTICS

Pot-life of mixture	About 6 hours
Coverage	Small Mosaics 2 kg/m^2 - ; Standard sizes $2.5\text{-}3.5 \text{ kg/m}^2$ - Large formats $5.5\text{-}6.5 \text{ kg/m}^2$
Colour range	White, Grey
Dilution	Water

APPLICATION

Notes:

Do not apply on surfaces that are in direct sunlight, frozen or very hot. Do not apply when it is very windy or when there is fog

glueflex modular big

technical sheet - ed. 09/2023



COMPANY
WITH QUALITY
MANAGEMENT
SYSTEM
CERTIFIED



or rain. The conditions must last at least 2 days after application.

Suitable Substrates:

Suitable for cement-based plasters, cement lime mortars, cement screeds, concrete.

Do not apply directly on gypsum board or anhydride; apply Primacril beforehand.

Do not apply on expanded cellular concrete, wood, metal, vinyl flooring, linoleum, rubber

Ambient Conditions:

min +5°C max +35°C

Operating temperature: -30°C / 90°C

Preparation of the Substrate:

The substrates must be flat, provide good mechanical resistance and be free of friable areas, grease, wax and oils. On gypsum-based substrates, apply Primacril 6 hours prior to application.

Type of Equipment:

serrated spatula, mason's trowel, low speed mixer

Application Procedure:

Mix white GLUEFLEX MODULAR BIG (pack A) with 7.6 l of grey GLUEFLEX MODULAR BIG (pack A), with 7.6 l of pack B. Using a low speed mixer, mix until the mixture is smooth and free of lumps. Let the mixture stand for about 5 - 7 minutes and then briefly remix before using. Apply GLUEFLEX MODULAR BIG with a 10mm notched trowel, first pressing it onto the substrate with the smooth side of the trowel. This operation, in addition to ensuring the incorporation of every trace of powder, allows you to make the most of the opening and adaptation time of the adhesive. During laying, check that a film does not form on the surface of the adhesive; if it does, run fresh adhesive over the surface with the spatula. Carefully tap on the tiles to ensure that they are perfectly covered. Any coating adjustments must be performed within 30 minutes.

N.B. It is always necessary to spread a layer of adhesive also on the back of the tile to ensure perfect contact and the absence of empty spaces (double spread technique) as indicated in the UNI 11493 standard.

The spaces between wall tiles can be filled after 48; after 72 hours for floor tiles

STORAGE

Disposal and safety indications:

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet

Packaging:

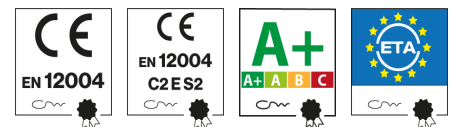
GLUEFLEX MODULAR BIG

Pack A: 25 kg bag; Pack B: 7.6-litre can

Storage:

1 year on a pallet and when stored in a dry place in undamaged packages at between 5 and 30°C.

TECHNOLOGIES/CERTIFICATIO



IVAS Industria Vernici S.p.A. - Via Bellaria, 40 - 47030 San Mauro Pascoli (FC) - Italy
Tel. +39 0541 815811 - Fax +39 0541 815815 - www.gruppoivas.com - ivas@gruppoivas.com