

Technical 02.03.2015

MZ GLASS

Mortar for walling up glass bricks

Use:

Mortar used to wall up glass walls. Product is applied only on mineral supports. Product is not applied on wood, plastic, metal, plasterboard.



Characteristics:

- Easy processing
- High adherence to glass

Technical data:

Item No.:	MZ STICLA
Material foundation:	Cement, mineral aggregates, polymers, plasticizers
Mortar Class:	M5 according to SR EN 998 – 2 / 2011
Granularity:	0 – 2,5 mm
Bucket time:	Approx. 2 hours
Compressive strength:	Min. 5 N / mm ²
Reaction to fire:	Class A1
Air/substrate temperature when placing:	Min. +5°C max. +30°C
Specific consumption:	1 bag of mortar is enough to wall up 3,5 m ² of glass walls with medium 10 mm joints
Strength loss after 25 frost/thaw cycles:	Approx. 2%
Mass loss after 25 frost/thaw cycles:	Approx. 0,5%
Packaging:	Paper bag resistant to humidity
Delivery:	25 kg
Storage / Validity:	12 months from date of fabrication on the packaging, according to Directive 1907/2006/EC and GR 932/2004, at 20°C and 65% relative humidity. Store in dry spaces on wooden pallets.

Technical data and those related to consumption are determined in standard conditions.
There may be differences depending on conditions of applications.

Processing:

One bag of 25 kg is mixed with approx. 4,0 – 4,25 liters of water.

Pour the powder in water and mix vigorously, preferably mechanically, until you obtain a creamy, homogenous, easy-to-process mix. It is recommended to mix a quantity that you will use in maximum 2 hours. Wait 10 minutes for all the chemical reactions to take place and then mix vigorously one more time.

Mixing time in the concrete mixing machine is 5 to 10 minutes.

ATTENTION: UNDER HIGH TEMPERATURES, THE WATER CONSUMPTION INCREASES!!!

Material is laid on the open sides of the glass brick and a 5 - 10 mm spaces is placed between bricks, to obtain even joints. If the glass brick geometry allows it, then a steel wire reinforcement is also introduced at every row of brick.

After each row is walled up, clean the excess mortar from the bricks.

After 72 hours, you can joint also with glass brick masonry mortar – ADEPLAST^R MZ GLASS.

If you wish to obtain a super finished surface, use the JOINTS GROUT QK-15, cement plaster ADEPLAST GU or ADEPLAST SGC (super cement plaster).

Important:

- Consideration must be given to additional measures for the protection of surfaces against fast dehydration, bad weather or frost;
- Comply with the information in the technical security sheet;
- This technical sheet replaces all previous versions. Information in this technical sheet represent our experience with this product up to this day. This technical sheet does not clear the user of the product from making his own decision and evaluation including by samples, regarding the appropriateness of using the product. SCHOMBURG / ADEPLAST products as well as their aggregate raw materials are continuously monitored in our own laboratories for consistent quality. Our advisory service is available for questions regarding product application and demonstrations. Comply with the information in the security technical sheet.