

<b>NAME OF PRODUCT</b>	<b>VARMSSEN® GLUE</b> adhesive mortar for slabs VARMSSEN®
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### DESCRIPTION OF PRODUCT

Adhesive mortar for fireplace slabs VARMSSEN® is characterised with high capacity, high water vapour permeability, high adhesion to the ground and slabs VARMSSEN®, good workability and optimal physical properties. It is not suitable for embedding the reinforcement meshes. It is provided in dry form of powder mixture, ready to be used after breaking up with water.

### TECHNICAL DATA

CHEMICAL COMPOSITION	Cement, dried sand, limestone flour
BULK DENSITY	<b>1,44 – 1,6</b> g/cm <sup>3</sup>
THICKNESS OF COATING	<b>3 – 5</b> mm
TEMPERATURE OF APPLICATION	<b>+7 do +25</b> °C
COLOUR	<b>colourless</b> -
AVERAGE CONSUMPTION	<b>4,0 – 5,0</b> kg/m <sup>2</sup>

**Note:** The parameters given are the average results obtained during the tests. Because of using natural raw materials, the real values may slightly differ from the values given in the table. The consumption depends on the ground and application techniques. The value given is only indicative.

### METHOD OF USE

PREPARATION OF SUBSTRATE	The substrate must be levelled, load-bearing, cleaned of dust, dirt, lime, oils, grease, wax, residues of anti-adhesive agents, oil paints and emulsion paints. All mineral substrates are suitable. The substrates which are strongly absorbable should be wetted.
MATERIAL PREPARATION	Mix the bag content (25 kg) of mortar VARMSSEN® GLUE with ca. 5 l of clean water up to obtain uniform consistency. The hardened mortar must not be treated with water nor mixed with fresh mortar.
APPLICATION	Apply the prepared adhesive mortar VARMSSEN® GLUE onto the whole internal side of the slab VARMSSEN®, in the places of later application of mortar with method similar like in case of glaze - with putty long float, and then with toothed long float (8mm) on the whole surface. Such prepared slab, directly after putting the mortar, must be applied to the substrate and pressed down.
DRYING UP	Time of mortar drying up (at temperature +20°C and air relative humidity ca. 55%) is about 24 hours. The total curing occurs after about 48 hours. Low temperature and elevated air humidity will prolong the drying time even up to several days.
CLEANING OF TOOLS	With water immediately after use.

## PRODUCT PACKAGING

PACKAGING

Bag 20 kg

## STORAGE

SHELF LIFE

**12 months** after the date of production in original closed packaging, in cool place but protected against frost.

## ADDITIONAL INFORMATION

INSTRUCTIONS

1. Use the mortar preferably within 4 h
2. Use mortar at temperature from +7 0C to + 250C
3. Do not perform any work at temperature lower than +70C.
4. Keep away from children.
5. Producer grants the warranty only when applying the complete system VARMSEN®.

## INFORMATION ON THE RISKS

R 36/37/38 - Irritating to eyes, respiratory system and skin.  
R 43 - May cause sensitization by skin contact.  
Content of chromium (VI) in the product below 0,0002% (2ppm)  
Irritant Xi

Xi



## APPROVALS AND CERTIFICATES

Technical Approval ITB AT-15-6383/2008 European  
Technical Approval ETA/08-0316 KDZ No.  
ST/03/2009 of 16.11.2009 Certificate ZKP No. F/13/  
BG/23/2009

The producer guarantees quality of product but it has no effect on its application. All information herein is based on the best knowledge of the producer resulting from longstanding observations of practical use. However, it does not replace the professional training of contractor and does not release him from using the building practice, health & safety standards; therefore it shall not constitute grounds for settling disputable issues before the courts. If you have any questions or concerns, please contact the producer.

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