

#### NAME OF PRODUCT

**VARMSSEN® FILLER**  
putty mass

#### DESCRIPTION OF PRODUCT

VARMSSEN® FILLER is ready-made uniform mineral mass in white colour, to be used on fireplace slabs VARMSSEN®, as well as inside the rooms. The product is designed for preparing the wall surface on the fireplace under painting. It is suitable for most internal dispersion paints available in the market. The obtained surface is elastic, easy to be ground, it has excellent smoothness with high water vapour permeability. The mass is designed to be applied with long float.

#### TECHNICAL DATA

COMPOSITION	Cement, lime, mineral fillers, refining additives		
DENSITY	<b>ca. 1,85</b>	g/cm <sup>3</sup>	
RELATIVE DIFFUSION RESISTANCE SD	<b>0,477</b>	m	
SURFACE ABSORBABILITY COEFFICIENT W	<b>0,117</b>	kg/m <sup>2</sup> h <sup>0,5</sup>	
TEMPERATURE OF APPLICATION	<b>+7 to +25</b>	°C	
COLOUR	<b>white</b>	-	
AVERAGE USE OF ADHESIVE	<b>1,0</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 of slabs VARMSSEN® should be load-bearing, dry and free of any type of efflorescence. Remove loose grains and impurities. The substrate should be primed with VARMSSEN® BASE. Due to good load-bearing of the slabs VARMSSEN® on the joints, it is unnecessary to immerse the glass tape in the putty.

#### PRIMING

24 hours before placing the putty, the substrate must be primed with primer VARMSSEN® BASE.

#### PREPARATION OF MATERIAL

Mix the bag content (20 kg) with ca. 6-7 l of clean water up to obtain uniform consistency. Such prepared mortar should be used within 1 h the latest. The hardened mortar must not be treated with water nor mixed with fresh mortar. In case when the plaster mortar gets thick in that time, it should be stirred intensively without adding water. Adding too much water will worsen all properties of the putty such as e.g. adhesion, bonding time. Do not use dirty or rusty tools or containers.

#### TEMPERATURE OF APPLICATION

Use at temperature +50C to +250C

### VARMSSEN® FILLER - putty mass

APPLICATION	Apply the putty mass onto the substrate by means of trowel or long float made of stainless steel, with layers of thickness not bigger than 0,5 mm. The total thickness should not be bigger than 2,5 mm. In some situations e.g. in preparation of substrates under latex paints, it is recommended to prime the putty sliding surface with primer improving the adhesion to given paints.
DRYING UP	Time of mass drying in summer time (at temperature +20°C and air relative humidity ca. 55%) is about 24 hours. The total curing occurs after ca. 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

PACKAGINGS	<b>Bag 15 kg</b>
COLOUR	White

## STORAGE

SHELF LIFE	<b>12 months after the date of production</b>
STORAGE	in original closed packaging in cool place but protected against frost.

## ADDITIONAL INFORMATION

INSTRUCTIONS	<ol style="list-style-type: none"><li>1. Do not conduct work at temperature lower than +5°C</li><li>2. Wash tools with water after use.</li><li>3. After applying, drying up, grinding and smoothing, wipe up the surface to dry and remove dust before applying the paint.</li></ol>
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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.