



**VURA**<sup>®</sup>  
Time To Build Better

# VURA **PoliMast**<sup>™</sup>

**VURA PoliMast** is a high viscous thixotropic paste product based on unsaturated polyester resins containing filling agents suitable to glue and to fix marbles, onyx and stone in vertical surfaces. The hard product is well dry, polishable and sandable in a very short time. The product has low shrinkage, good adhesion in many stones. Low styrene content.

## **CHARACTERISTICS**

- Good working properties creamy-soft consistency, especially on vertical surfaces
- Fast hardening (20-30 minutes)
- Good working properties (grinding, milling, drilling)
- Good polishing properties
- Very good adhesion on natural stones also at higher temperatures
- Resistance to water, petrol and mineral oils

## **FIELD OF APPLICATION**

**VURA PoliMast** is mainly used in stone processing industry for filling and bonding natural and artificial stones. Due to its creamy-soft consistency the product is suitable to fill larger areas especially on vertical surfaces.

## **INSTRUCTIONS FOR USE**

### **SURFACE PREPARATION:**

- The surface to be treated must be clean, completely dry and slightly roughened
- Colouring is possible by adding Polyester Colouring Pastes up to max 5%
- Dilution is not possible

### **MIXING:**

- Take the necessary quantity of PoliMast from the container and add 2-3 part of hardener B in 100 part of **PoliMast**
- Mix both components thoroughly. The mixture can be worked for about 3-5 minutes (25°C)
- After 20-30 minutes the treated parts can be further processed and transported
- The hardening process is accelerated by heat and delayed by cold
- An excess of color may influence the final characteristics of the glue
- Tools can be cleaned with thinner or mineral spirit
- Keep the tins closed after usage. Keep the glue and the catalyst away from the sunlight

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### SPECIAL NOTE

- Use Gloves to protect your hands
- Hardener portions higher than 4% reduce adhesion and deteriorate surface drying
- Hardener portions less than 1% and low temperatures (under 5° C / 41° F) considerably delay hardening
- The bonding layers should be as thin as possible (<2 mm) due to shrinkage (approx. 2-8%) caused by the high reactivity of the filler and development of heat during the hardening process
- When filling bigger holes or molding corners and edges use as little hardener as possible
- Limited durability of bonding which is frequently exposed to humidity and frost
- Moderate adhesion on fresh, alkaline building materials (e.g. concrete, concrete bricks)
- The hardened filler has a slight tendency to yellowing
- Once hardened, solvents can no longer remove the filler. Removal is only possible mechanically or by higher temperatures (>200° C)
- Being worked properly, the hardened product is generally recognized as not injurious to health

### TECHNICAL DATA

Color	:	White
Density	:	~1.5 g/cm <sup>3</sup>
Mixing Ratio	:	2 to 3g of hardener B in 100g of <b>PoliMast</b>
Pot Life	:	3-5 minutes
Drying Time	:	
Surface Dry	:	4-5 minutes
Hard Dry	:	20-30 minutes
Tensile strength	:	50-55 N/mm <sup>2</sup>
Bending strength	:	95-105 N/mm <sup>2</sup>

### **PACK SIZE**

1.35kg **VURA PoliMast** with 35g tube.

### **SHELF LIFE**

This product, not accelerated version, will last at least 9 months under normal conditions between 18-25° C, kept away from a source of heat, humidity, sun light and in unused and closed original containers.

### **HEALTH & SAFETY:**

Mastic and catalyst are chemical products, please read the Material safety data sheet before usage and the rules written on the containers label.

### **NOTICE:**

The above specifications were made in accordance with the present-day stage in development and the application technology research of our firm. Because the ways and means of application are beyond our control, the manufacturer cannot be made liable for the contents of this specification sheet.

#### **IMPORTANT NOTICE:**

The above information is based on the latest stage of development and application technology. Due to a multiplicity of different influencing factors, this information – as well as other oral or written technical advises – must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trials of the product, in an inconspicuous area or fabrication of a sample piece.

This Datasheet is an information document drawn up in good faith. The information herein is based on tests carried out in our labs and is correct on the basis of our experience, but must be considered only as indicative because of the nature of the product whose behaviour varies with the minimal change in the surrounding conditions (environmental parameters, materials it comes into contact with, storage and ageing methods, etc.) For this reason, the information herein, even if based on our best knowledge, is no guarantee for the user since the customer's application, use and processing of our products and of the final product are beyond our control and are therefore wholly the customer's responsibility. We trust the tests we carried out can be a useful indication, even if we cannot accept any responsibility with regard to the result of your processing. It is the user's responsibility and duty to perform preliminary tests on the specific application, to assess suitability to the required use as it is his/her duty to check that the use of our products complies with the current laws, regulations, provisions and patents. This information must not be considered as an authorization and is no encouragement to infringe any patent. The data can be changed without notice and must not be considered as legally meaningful.

This technical data sheet supersedes all previous editions relevant to this product. Please be aware that this Technical Data Sheet only relates to a product manufactured in the specific relevant production site.

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