



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

# VURA **Oxi4010**<sup>™</sup>

**VURA Oxi 4010** is a two-component, low viscous, transparent and non-yellowing epoxy resin system with a modified hardener. It is used for firmly closing cracks and pores of any type of Natural stones even for light color stones.

## CHARACTERISTICS

- Hardens relatively quickly
- It has highly penetrative properties on account of its low viscosity
- Clear transparent, best suitable for light natural stones
- Solvent free epoxy system
- Weather-resistant
- Chemical resistant
- Excellent grinding and polishing properties
- Increases the firmness and improves the quality of natural stone surfaces
- Increases the yield and the productivity
- Excellent product to fill pinholes and cracks of light-colored marble
- Good reactivity at low temperature, medium hardness

## USAGE / APPLICATION AREAS

- All type of Granite / Marble
- Natural Stones

**VURA Oxi 4010** is mainly used in the stone-working industry for strengthening porous and fissured natural stone slabs, concrete and concrete ashlar and improving their surface qualities. In combination with spun glass fabrics, it is also used for strengthening brittle natural stone slabs.

## INSTRUCTIONS FOR USE

### **SURFACE PREPARATION:**

- Ensure that the stone to be treated with resin is completely dry and clean
- If the surface of the stone is pre-warmed (60° C to 70° C), the penetrative capacity of the product will be increased
- **VURA Oxi 4010** should not be applied to wet surfaces

### **APPLICATION:**

- Use safety gloves and safety glasses during application
- Mix Part-A and Part-B homogeneously in the ratio of 4:1 and apply on the substrate
- During the mixing use clean tools
- **VURA Oxi 4010** coloring concentrates or stone ink can be used for coloring if required (max. 5%)
- The mixture remains workable for approx. 20-30 minutes at 20° C and is applied to the whole surface with a fine-toothed spreader; apply more than once in the areas of greater absorption
- Cracks which are running completely through the stone are to be closed on the back before application of **VURA Oxi 4010**
- The surfaces can be grinded and polished after approx. 24 hours at room temperature
- A layer of **VURA Oxi 4010** should be applied on after initial cutting the substrate
- Foot traffic mat begin after 6-8 hours
- Tools can be cleaner with appropriate solvent immediately after application and allow them dry in well-ventilated area
- Warmth accelerates and cold retards the hardening process
- Empty the container fully before disposing of it
- Mixing ratio should be maintained otherwise performance will affect

## SPECIAL NOTE

The optimal mechanical and chemical properties can only be attained by adhering to the exact mixing proportions; excess resin or hardener has the effect of a plasticizer.

The best surfaces can only be achieved by using high-quality grinding and polishing segments.

The product is not to be used at temperatures below 15° C because it will not sufficiently harden.

The hardened resin can no longer be removed by means of solvents. This can only be achieved mechanically or by applying higher temperatures (> 200° C).

If the resin has been correctly worked, it presents no hazard to health when the hardening process is completed.

The hardened product shows a minimal tendency to yellowness exposed to ultraviolet light or to warmth.

Close the cans after the usage, avoid the long exposure on the air.

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## TECHNICAL DATA

|   |       |  |
|---|-------|--|
| Color                                   | :     | Clear Transparent  |
| Density                                 | :     | Part-A: 1.14 g/cm <sup>3</sup><br>Part-B: 0.95 g/cm <sup>3</sup> |
| Mixing ratio                            | :     | 4: 1 (Part-A: Part B)  |
| Pot life                                | :     | 25-30 minutes (20° C)  |
| Working Time                            | :     |  |
| a) 125g quantity at varying temperature | 15° C | : 35-40 minutes  |
|   | 20° C | : 25-30 minutes  |
|   | 30° C | : 10-15 minutes  |
| b) At 20° C and varying quantity        | 25g   | : 35-40 minutes  |
|   | 125g  | : 25-30 minutes  |
|   | 1250g | : 15-20 minutes  |
| Hardening Time                          | :     |  |
|   | 20° C | : 24 hours   |
|   | 30° C | : 12 hours   |
|   | 40° C | : 6 hours  |
| Mechanical Properties                   | :     |  |
| Tensile Strength                        | :     | 30-35 N/mm <sup>2</sup>  |
| Bonding Strength                        | :     | 55-65 N/mm <sup>2</sup>  |

## PACK SIZE

|             |          |        |
|-------------|----------|--------|
| 1.25 L Pack | Part-A : | 1 L    |
|             | Part-B : | 250 ml |
| 5 L Pack    | Part-A : | 4 L    |
|             | Part-B : | 1 L    |

## CONSUMPTION

Approx. 100-200 ml/m<sup>2</sup> (depending on the porosity of stone)

## SHELF LIFE

24 months approx. under cool and dry conditions and kept in closed original container.  
Keep the resin in a dry place far away from source of heat and sun light.  
Avoid freezing condition.

## HEALTH & SAFETY:

Read Material Safety Data Sheet before handling or using this product. Keep out of the reach of the Children.

### 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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