



# OWL WATERPROOFING SOLUTIONS

## LAVA 20 UV PRIMER

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TECHNICAL DATA SHEET

### *Bonding Agent for Glass & Glossy Surfaces*

#### **Product Description**

Lava 20 UV Primer is a clear, single-component bonding agent designed to chemically activate ceramic and glass surfaces, ensuring strong adhesion for subsequent coatings. It is solvent-based and cures through a reaction with moisture from the ground and air.

#### **Product Information**

Chemical Base	Single component bonding agent
Packaging	1 kg, 5 kg Metal pails
Colour	Transparent
Shelf Life	9 months from the date of production

#### **Main Uses**

- Polished ceramic tiles
- Glass surfaces
- Glass bricks, and more.

Lava 20 UV Primer can also be combined with Lava 20 System for application on glass surfaces.

#### **Application**

##### **Surface Preparation**

Proper surface preparation is critical for achieving the best finish and long-term durability. The surface must be free of contaminants like old coatings, dirt, oils, fats, organic substances, and dust that could negatively impact adhesion.

**Moisture Limit:** The surface moisture content should not exceed 5%.

Ensure all loose particles and dust from grinding are completely removed. Avoid cleaning the surface with water.

##### **Priming (Surface Activation)**

**Optimal Conditions:** For ideal results, apply the primer in temperatures between 5°C and 35°C, with relative humidity levels between 50% and 70%. Low temperatures and humidity can slow down the curing process, while high humidity may alter the finish.

**Application:** Use a clean, dry cloth to apply Lava 20 UV Primer by wiping down the entire surface. Change cloths frequently to ensure effective surface activation and degreasing. Make sure the primer is applied evenly, leaving no untreated areas. After 1-2 hours, apply Lava 20.

#### **Advantages**

- Easy to apply
- Superior surface quality
- UV-resistant
- Fast curing
- Effectively degreases the surface

#### **Consumption**

Apply 50-80 gr/m<sup>2</sup> in one or two coats.

This coverage estimate relies on application with a roller on a smooth surface under optimal conditions. Variables such as surface porosity, temperature, and application technique may affect actual consumption.

#### **Certifications**

**EN1504-2:** Concrete surface protection within the system. Performance is assessed as part of the system.





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## **Safety Measures**

Lava 20 UV Primer contains isopropanol. Refer to the manufacturer's information and review the Safety Data Sheet. For professional use only.

Our technical advice, whether provided verbally or in writing, is given in good faith and reflects the current knowledge and experience we have with our products. However, before using our products, a thorough, case-specific evaluation must be conducted to ensure that both the product and the application method meet the particular requirements of your project. We can only guarantee that our products comply with their technical specifications; the correct application is the full responsibility of the user. Users are also responsible for adhering to local regulations and obtaining any necessary permits or approvals for the purchase and/or use of the products. The values listed in this technical data sheet are provided as examples and should not be considered as specifications. For exact product specifications, please contact our technical department. The latest edition of the technical data sheet replaces any previous versions, which are no longer valid. It is essential to always refer to the current guidelines.

\*Please note that all values represent typical figures and are not part of the product's specifications.