



OWL WATERPROOFING SOLUTIONS

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TECHNICAL DATA SHEET

LAVA 20 EPDM & TPO PRIMER

Bonding Agent for EPDM and TPO Membranes

Product Description

Lava 20 EPDM & TPO Primer is a clear, single-component bonding agent designed to activate TPO and EPDM surfaces, ensuring strong adhesion for subsequent coatings. It is solvent based.

Product Information

Chemical Base	Single-component bonding agent
Packaging	1 kg, 4 kg metal pails
Colour	Transparent
Shelf Life	12 months from the date of production

Main Uses

Lava 20 EPDM & TPO Primer is primarily used as a bonding agent (primer) for applying Lava 20 liquid rubber waterproofing coatings on TPO and PP membranes.

Application

Surface Preparation:

1. **Thorough Cleaning:** Proper surface preparation is crucial for achieving a durable and high-quality finish. Ensure the surface is clean, structurally sound, and free from contaminants that may hinder adhesion.
2. **Removal of Contaminants:** Eliminate old coatings, dirt, grease, oils, organic materials, and dust. The moisture content should not exceed 5%. Loose debris and sanding dust must be completely removed. Avoid washing the surface with water.

Priming (Surface Activation):

1. **Ideal Conditions:** For optimal results, apply in temperatures ranging from 5°C to 35°C, with relative humidity between 50% and 70%. Low temperatures or humidity will slow down the curing process.
2. **Primer Application:** Soak a clean, dry cloth with Lava 20 EPDM & TPO Primer and wipe down the entire surface, changing clothes frequently. This ensures both chemical activation and effective degreasing of the surface. Ensure full coverage without missing any areas.
3. **Coating Application:** After 2-3 hours, proceed with applying the Lava 20 Liquid Rubber Waterproofing Membrane.

Advantages

- Easy to apply
- Outstanding adhesion to TPO-FPO, PP, and EPDM
- UV-resistant
- Fast curing

Consumption

The recommended coverage is **50-60 gr/m²** per single layer.

This estimate assumes application on a smooth, ideal surface under optimal conditions. Factors such as surface porosity, ambient temperature, and the application method may influence the actual consumption.



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Storage

Pails must be kept in cool, dry storage conditions for a maximum of 12 months. Protect the material from exposure to moisture, freezing temperatures, and direct sunlight. Store at temperatures between 5°C and 35°C. Always keep the products in their original, unopened packaging, ensuring the manufacturer's name, product details, batch number, and safety instructions are visible on the labels.

Safety Measures

Review the Safety Data Sheet. Professional use only.

Our technical guidance, whether provided verbally or in writing, is offered in good faith and reflects the most up-to-date knowledge and experience with our products. However, when using our products, it is essential to conduct a detailed, project-specific assessment in each case to ensure that the product and/or application method meets the specific needs and requirements. We can only guarantee that our products conform to their technical specifications. The correct application of our products is entirely the user's responsibility, and users must comply with all applicable local regulations and obtain any necessary permits or approvals for both the purchase and use of the products. The values provided in this technical data sheet are indicative and should not be considered as specifications. For detailed product specifications, please reach out to our R&D department. This edition of the technical data sheet replaces any previous versions, which are no longer valid. Therefore, it is important to always refer to the most current version of the document.

*Please note that all values are typical and are not considered part of the product specifications.