

# **DUROSTONE**

## **MICROPRIMER**

### **Low viscosity polyurethane based primer**

**MICROPRIMER** is a one component, low viscosity, 100% aliphatic polyurethane based primer, it is ideal as a primer for **DUROFLEX** sealants. It is characterised by its very low viscosity, excellent impregnation, non-yellowing (non-staining) properties combined with a relatively fast cure speed and most importantly its excellent adhesion on both non-porous and porous substrates.

#### **AREAS OF USE**

To be used as primer for:

- **DUROFLEX** and **DUROFLEX PRO** sealants when a non staining primer is required
- Ceramic tiles,
- Non-porous substrates like glass, marble & metals.

Also, for use as concrete sealer.

#### **TECHNICAL FEATURES**

- 100% aliphatic Polyurethane;
- No yellowing, no staining
- One component.
- Low viscosity.
- Relatively quick curing
- Adheres strongly, even on glassy, non-porous substrates.
- Excellent wetting, impregnation and paint-over time.
- Many pigment pastes available.

#### **USE OF MATERIAL**

50 – 200 g/m<sup>2</sup>, depending on the substrate porosity.

#### **APPLICATION**

Clean the surface using a high pressure washer, if possible. Remove oil, grease and wax contaminants. Cement laitance, loose particles, mould release agents, cured membranes must also be removed.

Apply with brush or roller depending on the surface to be primed at a consumption of 50-200 g/m<sup>2</sup>. Ensure primer has cured before applying main sealant.

#### **CLEANING**

After use the tools can be cleaned with paper towel and then xylene or solvent nafta. Rollers may not be reusable.

#### **TEMPERATURE LIMITS**

Application temperature range between + 5 °C and + 30 °C.

#### **PACKAGING**

Supplied in 1 and 4 liter cans

#### **STORAGE**

May be stored for up to 12 months in its original packaging in a dry area at ambient temperature between 5°C and 25°C.

After opening apply it soon as possible.

#### **SAFETY PRECAUTIONS**

Contains volatile flammable solvents. Apply in well-ventilated, no smoking areas, away from naked flames. In closed spaces use ventilators and carbon active masks. Keep in mind that solvents are heavier than air so they creep on the floor.

For further information ask for the safety data sheet.

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## **TECHNICAL DATA**

In liquid form (before application):

<b>Characteristic</b>	<b>Values</b>	<b>Remarks</b>
<b>Viscosity (Brookfield)</b>	20 mPas	ASTM D2196-86 @ 25 °C
<b>Density @ 20 °C</b>	0.9 -0.95 g/cm <sup>3</sup>	ASTM D1475 / DIN 53217 / ISO 2811

In cured form (after application):

<b>Characteristic</b>	<b>Values</b>	<b>Remarks</b>
<b>Touch dry on dry cement</b>	6 hours	DIN 52455 / EN-ISO-527-3
<b>Tensile strength at break @ 23 °C</b>	400 Kg/cm <sup>2</sup> (40 N/mm <sup>2</sup> )	ASTM D412 / EN-ISO-527-3
<b>Elongation @ 23 °C</b>	>50%	DIN 52455 EN-ISO-527-3
<b>Adhesion to cement</b>	4 mPa	ASTM D1640

### Legal notice:

This technical datasheet and installation guide are based in laboratory results and our experiments. The amount of material used and the given application process can be affected by the specific construction conditions. The contractor is responsible to control our recommendations based on preliminary tests, and to provide the necessary conditions for appropriate incorporation of the product. We accept no liability for damages caused by improper workmanship. For further information ask for the product safety data sheet.