

General information

DeraGLAZE is an epoxy based industrial coating for various flooring applications. It cures to form a hard, semi-gloss surface that has good resistance to wear and water, acids and bases and is recommended to indoor applications only. It is not recommended for applications where UV or aromatic solvent resistance is needed.

DeraGLAZE contains no solvents, including benzyl alcohol and is totally VOC-free.

Key properties

- ✓ RAL colors
- ✓ 2-component, solvent-free system
- ✓ high film build
- ✓ good overall chemical and heat resistance

Typical properties

✓ Pendulum hardness after 7 days [s]	105	ISO 1522
✓ tear strength [kN/m]	20	ASTM D-624
✓ elongation at break [%]	5	DIN EN ISO 527
✓ solid content [%]	100	
✓ Taber Abrasion mass loss ⁴⁾ [mg]	16	ASTM-D04060, 1kg, 1000 cycles

Applications

- ✓ general purpose industrial floorings

Usage

All surfaces must be dry and before application dust, oil or dirt is removed by appropriate means. If the substrate is in very bad condition, it is recommend pretreating the surface by shot blasting or diamond grinding. Pre-treatment of the surfaces is highly recommended in order to get proper adhesion.

<i>substrate material</i>	<i>pre-treatment</i>	<i>primer / activator</i>
<i>concrete</i>	<i>diamond grinding, shot blasting</i>	<i>DeraFLOW + Deracure Curing Agent 600</i>
<i>brick</i>	<i>high pressured water, drying</i>	<i>Fresh SA-1 + DeraFLOW + Deracure Curing Agent 600</i>
<i>steel</i>	<i>shot blasting, sanding</i>	<i>Fresh SA-1</i>
<i>gel coat, wood, MDF</i>	<i>sanding</i>	<i>--</i>

The working temperature should be 15 – 24°C. Curing agent is supplied with resin part. Add the curing agent accordingly and mix the components well in given ratio (mechanical mixing unit is recommended, approx. 300 rpm). The mixing ratio is given in the label.

After mixing apply product with brush or roller. Clean tools with acetone or equivalent.

The coated surface must be protected from direct water contact for 12 – 15 hours after application. Surface is tack-free after 15 hours depending on the conditions. The product will reach complete cure within 14 days at room temperature.

Storage & Handling

Keep tightly capped when not in use. Handle in a well-ventilated area. Store indoors at room temperature in the original containers kept tightly closed. Protect form direct sun light. Detailed safety information is contained in a material data safety sheet.