

pheron | **GLAZE**

General information

PERON GLAZE is an innovative aliphatic polyurea coating for various decorative coating applications. Long working time makes easy application possible with spray, brush or roller. Moreover, it cures to form hard but tough, semi to high gloss surface that resists water, acids, bases and UV. It has exceptional weathering fastness, color and gloss retention and is therefore highly recommended to outdoor applications. It is not recommended for applications where aromatic solvent resistance or direct adhesion to aluminum is needed.

Flexibility of the coating can be customized by choosing the curing agent accordingly. Fast curing behavior even at freezing temperatures translates into a faster painting process and / or to faster return to service.

Key properties

- ✓ adjustable flexibility
- ✓ hard but tough finish, high film build
- ✓ weather and UV resistant
- ✓ very good overall chemical and heat resistance
- ✓ wide application window - cures at low temperatures (-10 °C) - no need for post-curing

General properties

- ✓ RAL colors
- ✓ transparent varnish
- ✓ 2-component system
- ✓ solvent-free or high solid, solvent based
- ✓ fast tack-free time
- ✓ no need for post-curing
- ✓ wide application window
- ✓ can be applied with conventional tools

Applications

- ✓ decorative and weather resistant applications
- ✓ composite, marine and transport industry

Usage

All surfaces must be dry and before application dust, oil or dirt is removed by appropriate means. As the product reacts strongly with water, all the tools and containers need to be dry. If the substrate is in very bad condition, it is recommend pretreating the surface by shot blasting or diamond grinding. Pre-treatment in some of the surfaces is highly recommended to improve adhesion.

<i>substrate material</i>	<i>pretreatment</i>	<i>primer / activator</i>
<i>concrete</i>	<i>shot blasting, diamond grinding</i>	<i>DeraFLOW A</i>
<i>brick</i>	<i>high pressured water</i>	<i>DeraFLOW A</i>
<i>steel</i>	<i>shot blasting</i>	<i>Fresh SA-1</i>
<i>gel coat, wood, MDF</i>	<i>sanding, grinding</i>	

The working temperature should be 5 – 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 spray, brush or roller. Avoid higher film thickness than 1 mm as gas may be released causing surface problems. Water acts as a strong catalyst. Tools can contain moisture and it may shorten gel time. Clean tools with acetone or equivalent.

The coated surface must be protected from direct water contact for 6 – 8 hours after application. Surface is tack-free after 30 minutes depending on the conditions. The product will reach complete cure within one week at room temperature.

Storage & Handling

The content of an opened package is influenced by air moisture. 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. Shelf life is at least 12 months when stored properly. Detailed safety information is contained in a material data safety sheet.