

PORPLASTIC S6090 SR

Technical Data Sheet

Product 02609000

2-comp PU TOP FINISH, structured, anti-skid, low emission, mat

1 General Data

Application Fields

PORPLASTIC S6090 SR is used as structured, UV-stable and weather resistant, anti-skid finish for elastic PORPLASTIC coating systems.

Product Description

PORPLASTIC S6090 SR is a solvent-free, low emission, water-based, coloured two component PU-based top finish with matt surface finish made from high-quality aliphatic polyurethane resin.
The product is UV-stable and weather-resistant.

Sports Surfacing Systems

PORPLASTIC*ACTIVE urban*

Technical Support

For detailed descriptions of VIACOR systems see VIACOR system data sheets or contact our technical support.

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(A) Technical Data

Mixture (A+B)

1. Density	ca. 1.2 g/cm ³
2. Viscosity (A+B)	ca. 7000 – 10000 MPas
3. Packaging size	Component A: 25,4 kg Component B: 4,6 kg
4. Mixing ratio parts per weight A : B 1 pack PP S6090 VIASOL QS GEBA water	100 : 18 30 kg (A: 25,4 + B: 4,6) + 10.2 kg Geba + 1.2 kg water
5. Colour	grey
6. Shelf life / Storage	12 months at 10–25°C, dry, keep from freezing
7. Permissible relative humidity	min. 40% - max. 75%
8. Substrate and application temperature	15 – 25°C (min. 3° above dew point)
9. Processing time (23°C)	ca. 30 minutes
10. Can be walked on (depending on circumstances)	after 12 hours
11. Material consumption (depending on substrate)	160 – 200 g/m ² per layer

Manufacturer:

VIACOR Polymer GmbH, Graf-Bentzel-Str. 78, D-72108 Rottenburg, Tel. +49/7472-94999-0, info@viacor.de, www.viacor.de

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2 Processing Instructions

Substrate Preparation

PUR-systems:

The substrate has to be clean, dry and free of contaminants such as oil, grease, paint. The top finish should be applied within the recoating interval of the previous layer.

Re-topping

Please contact our technical support before re-topping old PUR surfaces.

Adhesion tests should be carried out and they will determine the substrate preparation. In all cases the surface must be thoroughly cleaned and left to dry completely. The sealing should be applied at least 2 d after the coating. Afterwards it may be necessary to grind and remove the dust before applying PORPLASTIC S6090 SR.

Processing

The product is delivered in 2 component containers in the exact mixing ratio. The temperature of the material should be between 10 – 30°C. First, the A-component is stirred for at least 1–2 minutes. Then the entire contents of the B-component are emptied into the A-component container and both are stirred for about 3–4 minutes using a suitable electrical stirrer. Finally, 10.2 kg VIASOL QS GEBA quartz sand and 1.2 kg of water are slowly added to the 30 kg container and mixed until homogeneous. The inclusion of air in the stirring process must be avoided.

The mixed materials will be applied to the previously prepared and approved sub base by squeegee or sprayer within the "pot life" of the mix and to coverage rates.

As with all water-based top finishes, it is important to avoid dry edges by always working wet in wet when applying fresh material into applied wet top finish otherwise marks will be visible in the final finish.

Time between the overlapping should not exceed 2 – 5 minutes. Open time for applying fresh material into the applied wet top finish without leaving any marks is at room temperature 3 - 5 minutes. During application drafts and direct sunlight should be avoided.

Cleaning:

Tools and other contaminated spots can be cleaned using water or VIASOL SO-X12 cleaner.

If reworking within 24 hours after application the coating need not be grinded. Reworking later than that is only possible after grinding and vacuuming it carefully.

Safety Instructions

For health and safety protection, transport regulations and waste management please consider the Material Safety Data Sheet. Users are advised to wear gloves and eye protection when mixing or applying PORPLASTIC S6085.

PORPLASTIC S6090 SR is non-hazardous in its cured condition.

Disclaimer

All information in this technical data sheet is based on our current knowledge and experience. This does not release the applicator from performing their own tests as many application factors, beyond our control, affect the application of our product. No guarantee of characteristics or suitability for a special purpose can be derived from this information. All present data, descriptions, drawings, photos, ratios, weights etc. are subject to change without prior notice and do not represent contracted characteristics of the product.

Due to different materials, sub-bases and working conditions, no guarantee of an application result or any liability claims can be derived from these details or from an unwritten technical advice except for liability claims based on:

-damage to life, body or health resulting from a negligent violation of obligations or a deliberate or negligent violation of obligation of a legal representative or assistant and

-if we are charged with intention or gross negligence.

The user has to test the products for their intended use. The user is responsible for following existing laws and orders and for observing third party trade mark rights.

As all VIACOR data sheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue (see www.viacor.de or contact us directly).

Reworking

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