

Product 02808500

2-comp. PU TENNIS line paint, structured, coloured, anti-skid, low emission, mat

1 General Data

Application Fields

PORPLASTIC X8085 SR is used as structured, UV-stable and weather resistant, anti-skid line paint for elastic PORPLASTIC TENNIS coating systems.

Product Description

PORPLASTIC X8085 SR is a solvent-free, low emission, water-based, coloured two component PU-based line paint with matt surface finish made from high-quality aliphatic polyurethane resin.

Sports Surfacing Systems

Point-elastic TENNIS-systems

PORPLASTIC **TENNIS comfort**
 PORPLASTIC **TENNIS comfort eco**
 PORPLASTIC **TENNIS club**
 PORPLASTIC **TENNIS eco**

Technical Support

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

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(A) Technical Data

Mixture (A+B)

1. Density	ca. 1.6 g/cm ³
2. Viscosity (A+B) ready mixed product	ca. 10 000 MPas ca. 800 – 1600 mPas
3. Packaging size	Component A: 1.2 kg Component B: 0.05 kg
4. Mixing ratio parts per weight A : B 1 pack PP X8085 SR VIASOL QS GEBA water	100 : 4 1.25 kg (A: 1.2+ B: 0.05) + 0.5 kg Geba (0.4-0-6 kg) + 0.25 kg water (0.2-0.3 kg)
5. Colour	white
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, filler and water addition)	3.75 - 5 kg per court (3-4 Sets)

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. PORPLASTIC X8085 SR is applied – depending on the system - to elastic PORPLASTIC TENNIS PUR-coatings. The line paint should be applied within the recoating interval of the previous layer.

Processing

The product is delivered in 2 component containers in the exact mixing ratio. The temperature of the material should be between 15 – 25°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, 0.5 kg of VIASOL QS GEBA quartz sand (a range between 0.4 and 0.6 kg may be used depending on circumstances) and 0.25 kg (250 ml) of water (a range between 200 to 300 ml may be used depending on circumstances) are slowly added and mixed until homogeneous. The inclusion of air in the stirring process should be avoided.

If the surface should be less rough, you can add less water and no sand.

The mixed materials will be applied to the previously prepared and approved sub base by brush or roller within the “pot life” of the mix and to coverage rates provided by Porplastic Sportbau von Cramm.

As with all water-based products, 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.

Reworking

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

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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 S8085 SR.

PORPLASTIC S8085 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 PORPLASTIC data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see www.porplastic.com or contact us directly).