

Product 02800500

Coloured line paint for INDOOR sports surfaces, 2-comp.-PU, water-based

1 General Data

Application Fields

PORPLASTIC X8005 is used as line paint for elastic PORPLASTIC polyurethane-bound INDOOR sports surfaces.

Product Description

PORPLASTIC X8005 is a coloured, water-based two component PUR-based paint for indoor application. The product shows very good adhesion to PORPLASTIC sports surfaces and high stress resistance after full curing. On old substrates or other than PORPLASTIC surfaces adhesion tests have to be performed before application. PORPLASTIC X8005 is easy to apply and easy to clean.

Sports Surfacing Systems

Line paint for all PORPLASTIC **INDOOR** systems:

PORPLASTIC **INDOOR PEL**
 PORPLASTIC **INDOOR MEL**
 PORPLASTIC **INDOOR CEL**

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. Solids content	> 65%
2. Density (23°C, DIN 53217)	1,4 g/cm ³
3. Viscosity	approx. 1000 - 1500 mPas
4. Packaging size (2 component container)	1.1 kg 1 kg A + 0.1 kg B
5. Shelf life / Storage (under dry and frost-free conditions)	6 months at 10–25°C
6. Colour	white, black, red, dark blue, light blue, dark green, light green, yellow, orange, purple, grey
7. Mixing ratio A : B parts per weight (kg)	100 : 10
8. Permissible relative humidity	min. 30% - max. 80%
9. Substrate and application tem- perature	10 – 30°C (min. 3°C above dew point)
10. Processing time (23°C) Pot life	ca. 2 h > 60 minutes
11. Curing at 23°C: dust dry can be walked on fully cured (depending on circumstances)	after 2 hours after 12 hours after 7 days
12. Material consumption per layer	5 – 15 g/m (depending on line width)
13. Consecutive layer (23°C)	after 12 – 48 h

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

PORPLASTIC X8005 is applied directly onto the PORPLASTIC INDOOR sports surface. The surface has to be clean, dry and free of contaminants such as oil, grease, paint. PORPLASTIC X8005 should be applied within the overworking interval of the subsequent PORPLASTIC sports surface.

Processing

The product is delivered in 2 component containers in the exact mixing ratio. The material temperature should be between 15-25°C for the application. Then the entire contents of the B-component are emptied completely into the A-component container and both are stirred for about 2 minutes using a suitable electrical stirrer. The inclusion of air in the stirring process must be avoided. The mixture should be poured into a different container and stirred again briefly.

PORPLASTIC X8005 is applied onto the prepared surface using a paint brush, roller or a suitable line marking machine.

Special remark:

After application, the material should be protected for at least 8 hours from water (to avoid formation of foam bubbles).

For curing the air circulation in the area are essential. Air draft, fast curing due to open doors or gates should be avoided. Relative humidity should be within the given limits.

At low temperatures and humidity, the speed of reaction is reduced resulting in a longer pot life, re-coating interval and open time. The speed of reaction is accelerated at high temperatures and humidity and the converse is true.

Cleaning:

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

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 X8005.

PORPLASTIC X8005 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 users responsibility to obtain the most recent issue (see www.viacor.de or contact us directly).