

Product 02809000

**2-comp. PU line paint for OUTDOOR sports surfaces, coloured**

## 1 General Data

### Application Fields

PORPLASTIC X8090 is used as line paint for polyurethane-bound PORPLASTIC outdoor sports surfaces like e. g. running tracks, multi-purpose playing fields or school sports facilities.

### Product Description

PORPLASTIC X8090 is a coloured, abrasion resistant, solvent-containing, light- and weather stable two component PUR-based paint for outdoor application. The product shows very good adhesion to PORPLASTIC sports surfaces and high stress resistance. On old substrates or other than PORPLASTIC surfaces adhesion tests have to be performed before application. PORPLASTIC X8090 is easy to apply, easy to clean and shows good UV and weathering resistance.

### Sports Surfacing Systems

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

PORPLASTIC **M olympic**  
 PORPLASTIC **SW competition**  
 PORPLASTIC **2S game+track**  
 PORPLASTIC **EP court**  
 PORPLASTIC **SB economic**

### 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 (23°C, DIN 53217)	ca. 1,3 g/cm <sup>3</sup>
2. Solids content	ca. 65%
3. Packaging size (2 component container)	4.8 kg (4 kg A + 0.8 kg B)
4. Shelf life / Storage (under dry and frost-free conditions)	12 months at 10–25°C
5. Colour	White, red, blue, yellow, orange, black, green, purple
6. Mixing ratio A : B parts per weight (kg)	100: 20 (5:1)
7. Permissible relative humidity	min. 30% - max. 80%
8. Substrate and application temperature	10-30°C (min. 3°C above dew point)
9. Processing time (23°C)	ca. 2,5 h
10. Curing at 23°C: dust dry can be walked on fully cured (depending on circumstances)	after 30 min after 15 hours after 5 days
11. Material consumption per layer	20-30 g/m (depending on line width) ca. 300-400 g/m <sup>2</sup>
12. 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](mailto:info@viacor.de), [www.viacor.de](http://www.viacor.de)

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## 2 Processing Instructions

### Substrate Preparation

PORPLASTIC X8090 is applied directly onto the PORPLASTIC sports surface. The surface has to be clean, dry and free of contaminants such as oil, grease, paint. PORPLASTIC X8090 should be applied within 48 h after application of the 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. 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. 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 X8090 is applied onto the prepared surface using a paint brush or a suitable line marking machine. Apply in one or two spray applications.

At low temperatures the viscosity of PORPLASTIC X8090 can be reduced by adding up to 5 % of VIASOL SO-X18 thinner.

#### **Special remark:**

After application, the material should be protected from water (at 15°C for min. 16 h), therefore do not apply when rain is to be expected (formation of foam bubbles).

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 should be cleaned using VIASOL SO-X12. Never use water or alcoholic solvents as cleaners!

### 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 X8090. Tools can be cleaned with VIASOL SO-X12. PORPLASTIC X8090 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](http://www.porplastic.com) or contact us directly).