

Product 02600120
2-comp. PU TOP FINISH, water-based, low emission, coloured, matt

1 General Data

Application Fields

PORPLASTIC S6000P is used as colour-stable elastic top finish for elastic PORPLASTIC INDOOR & OUTDOOR coating systems.

Product Description

PORPLASTIC S6000P 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 light-stable, shows high stress resistance combined with long-lasting elasticity. PORPLASTIC S6000P has good chemical resistance against diluted acids and alkalis and many disinfectants. Depending on the substance in contact with the flooring (please not that wine or coffee etc. are also relevant) discolorations may occur, which will not reduce the usability of the flooring (please refer to the chemical resistance list).

PORPLASTIC S6000P also improves the scratch and abrasion resistance of coatings.

For bright colours and some colourful shades we recommend the application of the seal coat in two layers to increase the opacity. Also the colour of the previous layer should be similar to the colour of the top finish.

The product fulfils German AgBB requirements for VOC emission.



Sports Surfacing Systems

Point-elastic indoor PUR-systems
PORPLASTIC INDOOR PEL

Mixed elastic indoor PUR-systems
PORPLASTIC INDOOR MEL

Combined elastic indoor PUR-system
PORPLASTIC INDOOR CEL

Re-topping of old PUR-systems

(A) Technical Data

Mixture (A+B)

1. Density	ca. 1.2 g/cm ³
2. Viscosity	ca. 1800 – 2600 mPas
3. Packaging size	Component A: 11 kg Component B: 2 kg
4. Mixing ratio parts per weight A : B	100 : 18
5. Colour	coloured, see colour chart
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	10 – 30°C (min. 3° above dew point)
9. Processing time (23°C)	ca. 45 minutes
10. Can be walked on (depending on circumstances)	after 16 hours
11. Material consumption per layer	120 – 140 g/m ²

Technical Support

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

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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 S6000P is applied to elastic PORPLASTIC INDOOR & OUTDOOR PU-coatings. The top finish should be applied within the recoating interval of the previous layer.

Retopping

Please contact our technical support before re-topping old PU 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 S6000P.

Processing

The product is delivered in 2 component containers in the exact mixing ratio. 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 material should be passed through a sieve when pouring into another container before processing (either with a paint filter sieve of 0.6 – 1 mm mesh size, or with a household sieve with inserted fly screen or similar fabric, mesh size <1mm) and mix again briefly. The inclusion of air in the stirring process must be avoided.

PORPLASTIC S6000P is poured onto the surface in portions and is spread with short pile roller or rubber squeegee in one direction over the surface. Then it is spread with a wide short-piled micro-fibre roller (e.g. Multitool, pile-height about 6 - 8 mm) and homogeneously finished with a second roller in one direction. The formation of puddles should be avoided.

As with all water based top finishes, it is important to avoid dry edges by always working wet in wet when rolling fresh material into applied wet top finish otherwise roller marks will be visible in the final finish. Time between the overlapping should not exceed 2 – 5 minutes. Open time for rolling 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.

Manufacturer:

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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 S6000P.

PORPLASTIC S6000P is non-hazardous in its cured condition.

CE-Mark

CE-Mark according to EN 14904

Details see CE-conformity mark and declaration of performance.



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).

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