PORPLASTIC S620 **Technical Data Sheet**

Product P2620

coloured SEALING for POPRLASTIC *INDOOR* and OUTDOOR, 2-C-PUR

1 General Data

Application Fields

PORPLASTIC S620 is used as weatherproof, colourstable elastic sealing for flexible PORPLASTIC PUR-based coating systems for indoor and outdoor sports surfaces.

Product Description

PORPLASTIC S620 is a coloured, solvent-containing two component PUR-based sealing with matt surface finish.
The product shows a very long pot life and excellent curing properties resulting in high stress resistance combined with long-lasting elasticity.
PORPLASTIC S620 also improves the scratch and abrasion resistance of coatings.

Sports Surfacing Systems

Point-elastic indoor PUR-systems
PORPLASTIC INDOOR PEL
Mixed elastic indoor PUR-systems
PORPLASTIC INDOOR MEL
Combined elastic indoor PUR-systems
PORPLASTIC INDOOR CEL

Re-topping of old PUR-systems
Roller skate tracks

Technical Support

For detailed descriptions of PORPLASTIC systems see PORPLASTIC system data sheets or contact our technical support.
fone: +49-7022-244500
e-mail: info@porplastic.de

(A) Technical Data

	Mixture (A+B)	
1.	Solids content	ca. 61 %
2.	Density	ca. 1.15 g/cm³
3.	Viscosity	500 – 800 mPas
4.	Packaging size	Component A: 9,3 kg Component B: 2,7 kg
5.	Mixing ratio parts per weight A : B	100 : 29
6.	Colour	on request, matt
7.	Shelf life / Storage	6 months at 10 – 25 °C
8.	Permissible relative humidity	min. 30% - max. 80%
9.	Substrate and application temperature	10 – 30°C (min. 3° above dew point)
10.	Processing time (23 °C)	ca. 50 minutes
11.	Can be walked on (depending on circumstances)	after 12 – 24 hours
12.	Material consumption per layer	130 – 150 g/m²

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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 S620 is applied to elastic PORPLASTIC PUR-coatings.

Retopping

We advice to 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 S620.

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 inclusion of air in the stirring process must be avoided. The mixture should be poured into a different container and stirred again briefly.

PORPLASTIC S620 is poured onto the surface in portions and distributed over the entire area with a rubber squeegee. Afterwards it is rolled with short pile roller in a criss-cross manner. The formation of puddles should be avoided. For constant results we recommend to re-roll with a short pile mohair roller.

After the application the material should not be treated with water for 24 hours.

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 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

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 S620.

PORPLASTIC S620 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 characeristics 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 characteritics of the product.

Due to different materials, sub-bases and working conditions, no guaratee 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 vialation 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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