

2-comp. PU SPORTS TOPCOAT, structured, coloured, anti-skid, low emission

1 General Data

Application Fields

PROLASTIC S6085 SR is used as structured, UV-stable and weather resistant, anti-skid finish for elastic PROLASTIC MULTIPURPOSE or PROLASTIC ACTIVE coating systems.

Product Description

PROLASTIC S6085 SR 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 UV-stable and weather-resistant.

Sports Surfacing Systems

Point-elastic MULTIPURPOSE-systems
PROLASTIC MULTIPURPOSE
Comfort
PROLASTIC MULTIPURPOSE
Comfort eco
PROLASTIC MULTIPURPOSE
Club
PROLASTIC MULTIPURPOSE Eco
PROLASTIC ACTIVE Plus

Re-topping of old MULTIPURPOSE-systems

Technical Support

For detailed descriptions of PRO-ATHLETIC Systems see PRO-ATHLETIC System data sheets or contact our technical support.

E-Mail: Info@pro-athleticsports.com

(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: 23.8 kg Component B: 1.2 kg
4. Mixing ratio parts per weight A : B	100 : 5 25 kg (A: 23.8+ B: 1.2) + 16 kg Geba (15-17 kg) + 6 kg water (5.5-6.5 kg)
5. Colour	standard colours: approx. RAL 7015 (slate grey), 7001 (silver grey), 5022 (night blue), 5010 (gentian blue), 5007 (brilliant blue), 6005 (moss green), 6017 (may green), 3011 (oxide red)
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)	140 – 200 g/m ² per layer

PROLASTIC S6085 SR

Technical Data Sheet MULTIPURPOSE

2-comp. PU SPORTS TOPCOAT, structured, coloured, anti-skid, low emission

2 Processing Instructions

Substrate Preparation

PUR-systems:

The substrate has to be clean, dry and free of contaminants such as oil, grease, paint. PROLASTIC S6085 SR is applied –depending on the system -to elastic POR-PLASTIC MULTIPURPOSE PUR-coatings or directly on a primer. The top finish should be applied within the recoating in- terval of the previous layer.

Retopping

Please 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 PROLASTIC S6085 SR.

Processing

The product is delivered in 2 component containers in the exact mixing ratio. The temperature of the material should be between 10 – 30°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. The mixture should be poured into a different container (suitable for 40 l at least) and stirred again briefly.

Finally, 16 kg VIASOL QS GEBA quartz sand (a range between 15 and 17 kg may be used depending on circumstances) and 6 kg of water (a range between 5.5 and 6.5 kg may be used depending on circumstances) are slowly added to the 25 kg container and mixed until homogeneous. The inclusion of air in the stirring process must be avoided.

If the surface should be less rough or if the product is used for roller hockey or SKATE systems, you can add only 4 kg of water (a range between 3.5 and 4.5 kg may be used depending on circumstances) and no sand.

The mixed materials will be applied to the previously prepared and approved sub base by squeegee or sprayer within the "pot life" of the mix and to coverage rates provided by PROLASTIC Sportbau Von Cramm. The installation equipment for squeegee application is supplied by PROLASTIC Sportbau Von Cramm as part of the material supply package – for spray application it will be necessary for the client to provide a suitable structural sprayer for the material application as manufactured by SMG GmbH or similar approved manufacturer.

As with all water-based top finishes, 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 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 PROLASTIC S6085 SR.

PROLASTIC S6085 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 PRO-ATHLETIC data sheets are updated on a regular basis it is the users responsibility to obtain the most recent issue (see www.pro-athleticsports.com or contact us directly).