



## Goodspeed S688

(Formerly known as *PORPLASTIC S688*)

## Technical Data Sheet

INDOOR

Product 02268820

### 2-C-PU TOP FINISH, water-based, low emission, silk matt, transparent

## 1 General Data

### Application Fields

Goodspeed S688 is used as transparent colour-stable elastic top finish for Goodspeed INDOOR coating systems.

### Product Description

Goodspeed S688 is a low emission, solvent-free, water-based, transparent two component PU-based top finish with silk matt surface finish made from high-quality aliphatic polyurethane resin.

The product is light-stable, shows high stress resistance combined with long-lasting elasticity. Goodspeed S688 has good chemical resistance against diluted acids and alkalis and many disinfectants. Depending on the substance in contact with the flooring (please note 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).

Goodspeed S688 also improves the scratch and abrasion resistance of coatings.

### Sports Surfacing Systems

Point-elastic indoor PUR-systems

Goodspeed **INDOOR PEL (SKY)**

Mixed elastic indoor PUR-systems

Goodspeed **INDOOR MEL (SKY)**

Combined elastic indoor PUR-system

Goodspeed **INDOOR CEL (SKY)**

Re-topping of old PUR-systems

### (A) Technical Data

#### Mixture (A+B)

|   |  |
|---|--|
| 1. Density  | ca. 1.08 g/cm <sup>3</sup>                       |
| 2. Viscosity  | ca. 700 – 1500 mPas                              |
| 3. Packaging size   | Component A: 10 kg<br>Component B: 1 kg          |
| 4. Mixing ratio<br>parts per weight A : B                 | 100 : 10   |
| 5. Colour   | transparent, silk matt surface                   |
| 6. Shelf life / Storage                                   | 12 months at 10–25°C,<br>dry, keep from freezing |
| 7. Permissible relative humidity                          | min. 40% - max. 75%                              |
| 8. Substrate and application<br>temperature               | 15 – 25°C (min. 3°<br>above dew point)           |
| 9. Processing time (23 °C)                                | ca. 60 minutes                                   |
| 10. Can be walked on<br>(depending on circumstan-<br>ces) | after 16 hours                                   |
| 11. Material consumption<br>per layer                     | 90 – 110 g/m <sup>2</sup>                        |

### Technical Support

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

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## 2 Processing Instructions

### Substrate Preparation

#### *PUR-systems:*

The substrate must be clean, dry and free of contaminants such as oil, grease, paint. Goodspeed S688 is applied to elastic Goodspeed INDOOR PUR-coatings. The sealer should be applied within the recoating interval of the previous layer.

#### *Retopping*

We advise to contact our technical support before retopping 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 Goodspeed S688.

### 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 mixture should be left for 3-5 minutes for pre-reaction and then should be poured into a different container using a paint strainer and stirred again briefly. The inclusion of air in the stirring process must be avoided.

Goodspeed S688 is poured onto the surface in portions and is spread with short pile roller or rubber squee-gee 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 sealers, it is important to avoid dry edges by always working wet in wet when rolling fresh material into applied wet sealer 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 sealer 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 FLOORFINDER 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 Goodspeed S688. Goodspeed S688 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 Goodspeed 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).

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