Goodspeed L370 **Technical Data Sheet** **RACE**

(Formerly known as PORPLASTIC L370) **Product 02237000**

2-COMP-PUR PORE SEALER for elastic mats, OUTDOOR

1 General Data

Application Fields

Goodspeed L370 is used for elastic sports surfaces as pore sealer for in situ or prefabricated rubber granule mats. Typical uses for these water impermeable systems (e.g. sandwich systems) are ball game courts, multi-purpose and tennis courts, school playgrounds and especially athletic tracks.

Product Description

Goodspeed L370 is a pigmented, solvent free, thixotropic, two component PUR pore sealer with elastic properties.

Goodspeed L370 is easy to apply, it shows excellent resistance to moisture during the curing phase and a good curing behavior even at low temperatures. Goodspeed L370 penetrates the surface enough for good adhesion without filling the pores completely, so that the elasticity of the elastic layer remains intact.

Tested Sports Surfacing Systems

Pore Sealer for impermeable sports surface systems like:

Sandwich-Systems „SW“ (DIN 18035/6)
Goodspeed ***SW competition***
Impermeable Structural-Spray-Coatings „ISB“
Goodspeed ***SB economic***
Goodspeed ***ACTIVE systems***

Technical Support

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

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(A) Technical Data Sheet		
Mixture (A+B)		
1.	Density (23°C) (DIN 53217)	1.29 g/cm^3
2.	Viscosity	thixotropic
3.	Shore A hardness (23°C / 50% rel. humidity) after 24 h after 28 days	 58 75
4.	Packing size (2-component container)	25 kg (A: 20 kg +B: 5 kg)
5.	Mixing ratio A : B parts by weight	100 : 25
6.	Colour	oxide red, others on request
7.	Shelf life / Storage	12 months at 10–25°C, avoid direct sunlight
8.	Permissible relative humidity	min. 30% - max. 90%
9.	Substrate and application temperature	10 – 35 °C (min. 3 °C above dew point)
10.	Pot life at (12°C) at (23°C) at (30°C)	 ca. 45 min. ca. 30 min. ca. 15 min.
11.	Can be walked on (23°C)	ca. 10 - 12 hours
12.	Material consumption	1.1 -1.8 kg/m^2
13.	Tensile strength (DIN 53504)	3.3 N/mm²
14.	Elongation at break (DIN 53504)	ca. 78 %
15.	Tear strength (DIN 53515)	ca. 5 N/mm^2

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Manufacturer: PORPLASTIC Sportbau von Cramm GmbH, Dieselstr. 14 96450 Coburg, Germany, tel. +49 174 310 2273 | info@porplastic.de | www.porplastic.com

2-COMP-PUR PORE SEALER for elastic mats, OUTDOOR

2 Processing Instructions

Substrate Preparation

Goodspeed L370 is applied directly on top of pre-fabricated or in situ installed rubber granule mats which have to be dry, load bearing, clean and free of loose and brittle particles and substances which impair adhesion such as oil, grease, paint or other contaminants.
The application of Goodspeed L370 should be executed within 24 hours after the installation of the elastic mat.
We recommend to contact our technical support before re-coating old PUR mats.

Processing

Goodspeed L370 is ready-to-apply and supplied in the correct proportions of component A (resin) and component B (hardener). Processing temperature of both components should be between 15 – 25°C.
For application pour component B completely into the container of component A (mixing ratio 100 : 25 parts by weight). Use a slow rotating mixer rotating at approximately 300 - 500 rev/min for at least 3 – 4 minutes until the blend is homogeneous and streak free. Ensure that the mixer reaches the sides and bottom areas of the mixing vessel. At higher temperatures, add 10-20% of EPDM-powder to adjust the viscosity. Pour the mix into another clean container and mix it again for one additional minute.

The well mixed material is applied on the pre-treated surface of the rubber mat with a flat rubber or metal squeegee under pressure to tightly scrape off the material.
Material consumption lies between 1.1 kg – 1.8 kg/m² and depends on the surface structure of the granule mat (grain size, compaction, evenness) and on the temperature of substrate, ambience and material. Substrate temperatures must not exceed 50°C as this would liquefy the material and increase the coverage.
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. Direct sunshine shortens the time frames considerably.
During the first hours after application, the coating has to be protected from direct contact with water as this could cause foaming of the material. In case of (expected) rain, Goodspeed L370 should not be applied.

Further coatings should be applied within 48 hours, otherwise a bonding agent such as Goodspeed P270 is necessary.

Cleaning
Tools should be cleaned using FLOORFINDER 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 Goodspeed L370.
Goodspeed L370 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 trademark rights.

As all Goodspeed data sheets are updated on a regular basis it is the user's responsibility to obtain the most recent issue (see www.porplastic.com or contact us directly).

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