2-COMP-PUR LOAD DISTRIBUTION LAYER for Goodspeed MEL

1 General Data

Application Fields

Goodspeed L324 is used for sports surfaces as hard load distribution layer for mixed elastic INDOOR sports hall or gymnasium floorings.

Product Description

Goodspeed L324 is a white, solvent free, two-component PUR pore sealer with elastic properties. Goodspeed L324 is easy to apply; it shows excellent resistance to moisture during the curing phase and a good curing behavior even at low temperatures. Goodspeed L324 has very good adhesion to the fiber fabric and elastic mat underneath.

Tested Sports Surfacing Systems

Hard load distribution layer for all mixed-elastic INDOOR systems:

Goodspeed ***INDOOR MEL***

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)	1.08 g/cm³
2.	Viscosity	1200 – 1800 mPas
3.	Packing size (2-component container)	25 kg (A: 17.5 kg +B: 7.5 kg)
4.	Mixing ratio A : B parts by weight	100 : 43
5.	Colour	white
6.	Shelf life / Storage	12 months at 10–25°C, avoid direct sunlight
7.	Permissible relative humidity	min. 30% - max. 80%
8.	Substrate and application temperature	10 – 35 °C (min. 3 °C above dew point)
9.	Pot life at (12°C) at (23°C) at (30°C)	ca. 45 min. ca. 30 min. ca. 15 min.
10.	Can be walked on (23°C)	ca. 10 - 12 hours
11.	Material consumption	1.5 – 2.0 kg/m²
12.	Tensile strength (DIN 53504) ca. 3d 40°C ca. 14d 80°C	 26 N/mm² 44 N/mm²
13.	Elongation at break (DIN 53504) ca. 3d 40°C ca. 14d 80°C	 78 % 26 %
14.	Tear strength (DIN 53504) ca. 3d 40°C ca. 14d 80°C	 ca. 117 N/mm² ca. 39 N/mm²
15.	Shore D after 24h at 23°C and 50% rel. humidity after 24h at 23°C and 50% rel. humidity	 59 81

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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 LOAD DISTRIBUTION LAYER for Goodspeed MEL

2 Processing Instructions

Substrate Preparation

For mixed-elastic systems Goodspeed L324 is applied directly on top of pre-fabricated foam mat with glass fiber fabric 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. We advise to contact our technical support before re-coating old PUR mats.

Processing

Goodspeed L324 is ready-to-apply and supplied in the correct proportions of component A (resin) and component B (hardener). For application, pour component B completely into the container of component A. Processing temperature of both components should be between 15 – 25ºC. 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. 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 elastic mat with a flat rubber or metal squeegee under pressure to tightly scrape off the material.
Material consumption lies between 1.5 kg – 2.0 kg/m² and depends on the surface structure of the elastic mat and on the temperature of substrate, ambience and material. Substrate temperatures must not exceed 35°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.

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

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 L324. Goodspeed L324 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 user's responsibility to obtain the most recent issue (see www.porplastic.com or contact us directly)

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