

Pulastic EG

2 Component Polyurethane

General

- ▲ Solvent free, 2-component polyurethane manufactured by a company certified according ISO 9001:2000 for quality control and ISO 14001 for environmental care.
- ▲ PULASTIC EG is a durable high quality compound, which is mainly used for sealing and levelling of the permeable surface of prefabricated granular rubber sheets or foam-sheets. We recommend that the manufacturer is consulted regarding alternative applications other than the standard sportflooring systems.
- ▲ The material has a good mechanical strength and is permanently flexible. Moreover the compound has good bonding properties, is non flammable and shows no shrinkage after curing. An optimum combination of flow- and sealing properties is assured due to the balanced viscosity, which creates a user-friendly character.
- ▲ The nature of the product requires (manufacturer) trained specialists to execute the application.

Product Data

Colour

Light-grey.

Packing

Two-can sets of 20 Kgs or 5 Kg.
Product identification on A component label: 6PU112 A comp.
Product identification on B component label: BU1100.
B component can be supplied in 60 Kg drums.

Health, Safety and Environment

Consult the manufactures "Material Safety Data Sheet".
Follow the instructions on the labels.

Storage and Transport

Under ideal storage conditions the shelf-life, in original factory sealed cans, is 12 months. Store material in a dry, cool (15-25°C) environment where protection against damage is guaranteed. Avoid prolonged storage at temperatures below 5°C or above 30°C. Prolonged storage at low temperatures can result in crystallizing of the B component.

Consumption

Depending on shockpad structure. Approximately 500 grams/m².

Curing Information

Ratio	A : B = 80 : 20 (weight) = 3,67 : 1 (volume).
Pot-life	36 minutes/10°C - 20 minutes/20°C - 12 minutes/30°C
Light-loading	12 hours/10°C - 8 hours/20°C - 6 hours/30°C.
Full-loading	72 hours/10°C - 60 hours/20°C - 48 hours/30°C.

Technical Data

Density at 20°C

1,30 Kg/litre

Hardness

89 Shore A

(DIN 53505)

Tensile-strength

5 N/mm²

(DIN 53455 *)

Elongation at break

60 %

(DIN 53455 *)

*) Sample 3, 500 mm/min.



Application Details

Conditions	Temperature of material and working area: 10°C to 30°C. Temperature of subfloor: minimal 3°C above the Dew-point. Air humidity: max 80%.
Preparation	The substrate should be level (max. deviation 3 mm under a 3 m straight edge) and free from dirt, dust and moisture. Sanding or other treatment of the substrate may be necessary, to obtain good bonding. Take all the necessary safety precautions. Check availability and condition of materials and equipment. Check if the B component is free of crystallization. Should crystals be found the B component has to be heated to 60°C until all crystals redissolve.
Equipment	Measuring-cup (in case of 60 Kg drums), mixing-blade, low-speed 1.000 Watt electric drill, flat-trowel. Clean all tools with PULASTIC Thinner 5CO5 immediately after use!
Procedure	Premix the A Component and check the condition of the material. Add the complete contents of the B Component and mix A and B thoroughly to a homogeneous mixture. Do not dilute! Clean the upper-ring of the can in case of (B-component) pollution. To gain the maximum flow properties the full contents of the mixture should be poured out as quickly as possible (within the potlife) and should be spread out immediately.

Legal Notes

The information, and, in particular, the recommendations relating to the application and end-use of Descol products, are given in good faith based on Descol's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.



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