Only to be applied by a Sika Approved Contractor

Construction

Pulastic GM-2500

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 GM 2500 is a durable high quality self-levelling compound, which is mainly used for the renovation of damaged seamless sportsfloorings. We recommend that the manufacturer is consulted regarding alternative applications other than the standard sportsflooring systems.
- ▲ The material has a special very high mechanical strength and is permanently flexible. Moreover the compound has good bonding properties, is non flammable and shows no shrinkage after curing. Good flow properties are assured due to the low viscosity liquid consistency. The material has good self-deaereating properties.
- ▲ The nature of the product requires (manufacturer) trained specialists to execute the application.

Product Data

Colour	In accordance with manufacturers list of standard-colours.	
Packing	Two-can sets of 20 Kgs. Product indication on A component label: 2PU447 A comp. Product indication on B component label: BU2040. 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 6 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 vibration and higher ambient temperatures during transportation can result in settling of the A Component, which makes mixing more difficult. Prolonged storage at low temperatures can result in crystallizing of the B component.	
Consumption	Approximately 1.350 grams/m² for every mm thickness. A minimum of 1 mm is necessary to assure good selflevelling properties.	
Curing Information	Ratio	A : B = 76 : 24 (weight) = 2,75 : 1 (volume).
	Pot-life	18 minutes/10°C - 12 minutes/20°C - 9 minutes/30°C.
	Light-loading	36 hours/10°C - 24 hours/20°C - 18 hours/30°C.
	Full-loading	72 hours/10°C - 60 hours/20°C - 48 hours/30°C.

Technical Data

Density at 20°C	1,35 Kg/litre	
Hardness	80 Shore A	(DIN 53505)
Tensile-strength	10 N/mm²	(DIN 53455 *)
Elongation at break	230 %	(DIN 53455 *)
Tear-strength (Graves)	27 N/mm	(DIN 53515)

*) Sample 4, 200 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, Sieve, Swedish-knife, flat- or notched-trowel. Clean all tools with PULASTIC Thinner 5CO5 immediately after use!
Procedure	Premix the A Component and check for lumps. Add the complete contents of the B Component and mix A and B thoroughly to a homogeneous mixture. Do not dilute! Pour the mixture in a second drum (through a sieve 0,5-1 mm in case lumps are found in the A component) and mix for a further few seconds to avoid the use of unmixed material (from the sides and bottom of the first drum). 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

Sika (NZ) Ltd
PO Box 19192
Avondale
Auckland
New Zealand

Phone: 0800 SIKA NZ 0800 745 269
Fax: 0800 SIKA FAX 0800 745 232
Email: info@nz.sika.com www.sika.co.nz