

Pulastic GM-2000

2 Component Polyurethane

Positioning Description	<ul style="list-style-type: none"> 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 2000 is a durable high quality self-levelling compound, which is mainly, used for the installation of seamless sportsflooring systems. We recommend that the manufacturer is consulted regarding alternative applications other than the standard sportsflooring systems. The material has a 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 identification on A component label: 2PU335 A comp. Product identification on B component label: BU2040. B component can be supplied in 60 Kg drums.	
Storage Conditions / Shelf-life	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 1.400 grams/m ² for every mm thickness. A minimum of 1 mm is necessary to assure good selflevelling properties.	
Curing Information	Ratio	A : B = 79 : 21 (weight) = 3 : 1 (volume).
	Pot-life	21 minutes/10°C - 15 minutes/20°C - 12 minutes/30°C
	Light-loading	24 hours/10°C - 18 hours/20°C - 16 hours/30°C.
	Full-loading	72 hours/10°C - 60 hours/20°C - 48 hours/30°C.
Technical Data		
Density at 20°C	1.40 Kg/litre	
Hardness	82 Shore A	(DIN 53505)
Tensile-strength	10 N/mm ²	(DIN 53455 *)
Elongation at break	200 %	(DIN 53455 *)
Tear-strength (Graves)	25 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 Sika Thinner C 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.
Notes	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
Local Restrictions	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.
Health and Safety Protective Measures	<ul style="list-style-type: none"> To avoid rare allergic reactions, we recommend the use of protective gloves. Change soiled work clothes and wash hands before breaks and after finishing work. Local regulations as well as health and safety advice on packaging labels must be observed. For further information refer to the Sika Material Safety Data Sheet which is available on request. If in doubt always follow the directions given on the pack or label.
Important Notes	<ul style="list-style-type: none"> Residues of material must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities. Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the safety data sheet.
Legal Notes	The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. 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 user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



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