BUILDING TRUST

PRODUCT DATA SHEET

Pulastic® GM-2000

2 Component Polyurethane - Self levelling

SIKA NZ APPROVED CONTRACTOR ONLY

DESCRIPTION

Solvent free, 2-component polyurethane.

USES

Pulastic® GM-2000 may only be used by experienced professionals.

PULASTIC GM 2000 is a durable high quality self-levelling compound which is mainly used for the installation of seamless sports flooring systems.

CHARACTERISTICS / ADVANTAGES

The material has a very good 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 de-aerating properties.

PRODUCT INFORMATION

Packaging	Two-can sets of 20 Kg
Shelf Life	Under ideal storage conditions the shelf-life, in original factory sealed cans, is A component 9 months and B component 12 months.
Storage Conditions	Store material in a dry, cool (5-25°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.
Colour	In accordance with manufacturers list of standard-colours.
Density	1.40 Kg/litre

TECHNICAL INFORMATION

Shore A Hardness	82	(DIN 53505)
Tensile Strength	10 MPa	DIN 53455
Elongation at Break	200%	DIN 53455
Tear Strength	25 MPa	DIN 53515

APPLICATION INFORMATION

Mixing Ratio	A : B = 79 : 21 (weight)			
Consumption	Approximately 1400 grams/m² for every mm thickness. A minimum of 1 mm is necessary to assure good self-levelling properties.			
Curing Time	Pot life	24 minutes/10°C	18 minutes/10°C	15 minutes/30°C
	Light load	21 hours/10°C	15 hours/20°C	12 hours/30°C
	Full load	72 hours/10°C	60 hours/20°C	48 hours/30°C

BASIS OF PRODUCT DATA

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.

ECOLOGY HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

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%.

EQUIPMENT

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!

SUBSTRATE 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 re-dissolve.

APPLICATION

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 60 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 pot-life) and should be spread out immediately.

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.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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