

PRODUCT DATA SHEET

Pulastic® FM**2 Component Polyurethane****DESCRIPTION**

Solvent free, 2-component polyurethane manufactured by a company certified according ISO 9001 for quality management, ISO 14001 for environmental care and ISO 26000 for corporate sustainability.

USES

Pulastic® FM may only be used by experienced professionals.

The nature of the product requires (manufacturer) trained specialists to execute the application.

CHARACTERISTICS / ADVANTAGES

PULASTIC FM is a durable high quality compound, which is mainly used for the filling of limited-sized spots or seams in the shock-pad of point-elastic sports floorings. We recommend that the manufacturer is consulted regarding alternative applications other than the standard sports flooring systems. The material has a very low hardness imitating granular rubber shock-pads and is permanently flexible. Moreover the compound has very good bonding properties, is non-flammable and shows no shrinkage after curing. A good balance between flow and sealing properties are assured due to the balanced viscosity, creating a user friendly character. The material has good de-aerating properties.

PRODUCT INFORMATION

Packaging	Two-can sets of 1 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 (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.
Colour	Light grey
Density	1,32 Kg/litre (at 20 degrees celsius)

APPLICATION INFORMATION

Mixing ratio	A : B = 90 : 10 (weight)		
Consumption	Approximately 1.320 grams for every litre to be filled.		
Curing time		non accelerated	accelerated
	Pot life	50 minutes/20°C	2 minutes/20°C
	Light loading	18 hours/20°C	1 hour/20°C
	Full loading	120 hours/20°C	24 hours/20°C

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

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

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

Measuring-cup (for various small repairs), mixing-knife, mixing-blade, low-speed
1.000 Watt electric drill, flat-trowel and/or stopping-knife. Drop-bottle with PULASTIC ACCELERATOR. Clean all tools with PULASTIC Thinner 5CO5 immediately after use!

SUBSTRATE PREPARATION

The substrate should be 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.

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APPLICATION

Premix the A Component. 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 and mix for a further few seconds to avoid the use of unmixed material (from the sides and bottom of the first drum). Add at least 1 drop of PULASTIC ACCELERATOR per Kg material for proper curing of PULASTIC FM! Higher acceleration is possible for experienced technicians, up to a maximum of 5 drops per Kg. When various small repairs have to be made smaller parts can be taken out of the mixture, within approximately 30 minutes after mixing, to be accelerated separately. It is advisable to accelerate the material at the repair-site so immediate pouring is possible. PULASTIC FM should be poured in the repair-spot up to top of shock-pad level. Sanding of the material is practically impossible. To finish the

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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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PULASTIC®
SPORTS FLOORING

A SIKA BRAND