

PRODUCT DATA SHEET

Sikafloor®-Comfort Regupol 4580

POLYURETHANE REBOUND FOAM SHOCK PAD AS PART OF THE SIKA COMFORTFLOOR® FLOORING RANGE

DESCRIPTION

Sikafloor®-Comfort Regupol 4580 is a prefabricated shock pad produced by bonding polyether-foam crumb and fine rubber-dust with a polyurethane compound.

USES

- Particularly suitable for hospitals, schools, sales premises, showrooms, entrance halls, lobbies, open-plan offices, museums or residential use
- For interior use only

CHARACTERISTICS / ADVANTAGES

- Permanently flexible
- Shock and sound absorption
- Medium impact resistance
- Easy to apply
- Durable high quality shock pad

APPROVALS / STANDARDS

- Eurofins Emission tested according to the AgBB-scheme and guidelines of the DiBt (AgBB – Committee for Health-related Evaluation of Building Products, DiBt – German Institute for Building Technology). Sampling, testing and evaluation were performed according to ISO-16000, Report No. 770028A.
- Fire classification acc. to EN 13501-1 Report No. KB-Hoch-090974-2, Prüfinstitut Hoch, Fladungen (DE).

PRODUCT INFORMATION

Packaging	Packaging unit	1 roll 45 m ²
	Roll width	1.0 m
	Roll length	45 m
	Roll weight	81 kg
	Roll diameter	~0.50 m
Appearance / Colour	Polyether-foam crumb of varied colours with black rubber-dust and polyurethane binder.	
Shelf life	5 years from date of production	
Storage conditions	Store the rolls horizontally in an environment where protection against damage and free flowing water is guaranteed.	
Thickness	~4 mm	
Area Density	1.8 kg/m ²	

SYSTEMS

Systems

Please refer to the System Data Sheet of:

Sika Comfortfloor® PS-66

Seamless, smooth, low voc, elastic, polyurethane floor covering with optional colour flakes

APPLICATION INFORMATION

Ambient Air Temperature

+10 °C min. / +30 °C max.

Relative Air Humidity

80 % r.h. max.

Dew Point

Beware of condensation!
The substrate and uncured floor must be at least 3 °C above dew point to reduce the risk of condensation or blooming on the floor finish.

Substrate Temperature

+10 °C min. / +30 °C max.

Substrate Moisture Content

< 3 % pbw moisture content.
Test method: Sika®-Tramex meter, CM - measurement or Oven-dry-method.
No rising moisture according to ASTM (Polyethylene-sheet).

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The surface must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc. All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by vacuum. Pull of strength shall not be less than 1.5 N/mm². If in doubt apply a test area first.

APPLICATION

Roll out the Sikafloor®-Comfort Regupol 4580 into the wet Sikafloor® Comfort Adhesive and press down with Carpet- and Linoleum-Roller (e.g. 20 kg) during the tack phase. For more detailed information refer to the Product Data Sheet of Sikafloor® Comfort Adhesive.

FURTHER DOCUMENTS

Substrate Quality & Preparation

Please refer to Sika Method Statement: "EVALUATION AND PREPARATION OF SURFACES FOR FLOORING SYSTEMS".

Application Instructions

Please refer to Sika Method Statement: "MIXING & APPLICATION OF FLOORING SYSTEMS".

LIMITATIONS

If heating is required do not use gas, oil, paraffin or other fossil fuel heaters, these produce large quantities of both CO₂ and H₂O water vapour, which may adversely affect the finish. For heating use only electric powered warm air blower systems.

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. 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.

ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1% (w/w).

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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