

PRODUCT DATA SHEET

Sikafloor® Comfort Porefiller

Two Component Polyurethane Porefiller as Part of the Sika Comfortfloor flooring range

PRODUCT DESCRIPTION

Sikafloor® Comfort Porefiller is a two-component, high solids and VOC-free polyurethane compound. It is applied as a flexible and durable high quality levelling and sealing compound for granular rubber Sikafloor® Comfort Regupol-6015H mats used in Sika ComfortFloor® Pro and Sika ComfortFloor® Decorative Pro systems.

USES

Sikafloor® Comfort Porefiller may only be used by experienced professionals.

Sikafloor® Comfort Porefiller

- Is a durable high quality compound used for sealing and levelling of the permeable surface of prefabricated granular rubber sheets
- Particularly suitable for hospitals, schools, sales premises, showrooms, entrance halls, lobbies, open-plan offices, museums
- For interior use only

CHARACTERISTICS / ADVANTAGES

- Good bonding properties
- Low VOC
- Non flammable
- No shrinking after curing
- Easy to apply

PRODUCT INFORMATION

Chemical Base	PUR	
Packaging	Part A	3.11 gallon fill in 5 gallon pail
	Part B	0.85 gallon fill in 1 gallon pail
	Part A+B	3.86 gallon Kit
Appearance / Color	Beige	
Shelf Life	12 months in original, unopened containers stored in dry and cool conditions 50°F (10°C) and 86°F (30 °C).	

Storage Conditions	Store in dry and cool conditions (10 - 30 °C [50 - 86 °F]). The material must be conditioned at temperatures between 50°F (10°C) and 86°F (30 °C) before use.	
Density	Mixed resin	10.869 Lbs/Gal
Solid content by mass	~100 %	
Solid content by volume	~100 %	

TECHNICAL INFORMATION

Shore A Hardness	~89 (14 days)	ASTM D2240 at 73 °F (23°C) - 50% R.H
Tensile Strength	725 psi (14 days)	ASTM D142 at 73 °F (23°C) - 50% R.H

APPLICATION INFORMATION

Mixing Ratio	Part A : part B = 80 : 20 (by weight)	
Coverage	Depending on the shock pad structure: 90-110 Sq.ft Per gallon.	
Ambient Air Temperature	50°F (10°C) min./ - 86°F (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	50°F (10°C) min./- 86°F (30 °C) max.	
Substrate Moisture Content	< 3 % pbw moisture content.	

Pot Life	Temperature	Time
	+10 °C	~36 minutes
	+20 °C	~20 minutes
	+30 °C	~12 minutes

Cure Time	Before overcoating Sikafloor® Comfort Porefiller allow:		
	Substrate temperature	Minimum	Maximum
	+10 °C	12 hours	72 hours
	+20 °C	8 hours	60 hours
	+30 °C	6 hours	48 hours
Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity.			

Applied Product Ready for Use	Substrate temperature	Foot traffic	Full cure
	+10 °C	12 hours	72 hours
	+20 °C	8 hours	60 hours
	+30 °C	6 hours	48 hours
Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity.			

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

AVAILABILITY/WARRANTY

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".

Maintenance

Please refer to "Sikafloor® CLEANING REGIME".

LIMITATIONS

- Do not apply Sikafloor® Comfort Porefiller on substrates with rising moisture.
- Uncured material reacts in contact with water (foaming).
- During application care must be taken that no sweat drops into fresh Sikafloor® Comfort Porefiller (wear head and wrist bands).
- 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 vapor, which may adversely affect the finish. For heating use only electric powered warm air blower systems.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

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 218 psi (1.5 MPa) in tensile at the time of application.

MIXING

Premix component thoroughly mixed using a low speed drill and jiffy blade (300–400 rpm). Add the complete content of the component B and mix A and B thoroughly to a homogeneous mixture. Do not dilute! Over mixing must be avoided to minimize air entrainment.

Mixing Tools

Sikafloor® Comfort Porefiller must be thoroughly mixed using a low speed drill and jiffy blade (300–400 rpm) or other suitable equipment.

APPLICATION

Sikafloor® Comfort Porefiller is poured and spread evenly by means of a metal trowel.

CLEANING OF TOOLS

Clean all tools and application equipment with Thinner C immediately after use. Hardened and/or cured material can only be removed mechanically.

Please refer to the Sika Method Statement Mixing & Application

OTHER RESTRICTIONS

See Legal Disclaimer.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA’s Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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