

PRODUCT DATA SHEET

Sikafloor®-359 SF MY

4-Component PU Coating with semi-gloss finishing

DESCRIPTION

Sikafloor®-359 SF MY is a 4-component polyurethane coating with improved UV resistance and semi-gloss finishing

USES

Sikafloor®-359 SF MY may only be used by experienced professionals.

Sikafloor®-359 SF MY is used as:

- Line marking for carpark bays
- Coating on covings

CHARACTERISTICS / ADVANTAGES

- UV stable
- Good chemical resistance
- Good resistance to mechanical wear
- Fast curing
- Semi-gloss finish
- Solvent free

PRODUCT INFORMATION

Composition	Polyurethane	
Packaging	Part A (Resin)	1.0 kg
	Part B (Hardener)	1.3 kg
	Part C (Powder)	1.0 kg
	Total	3.3 kg
	Colour paste	0.175 kg
Colour	Sikafloor®-359 SF MY is available in standard colours. For further information consult Sika's sales representative or local sales office.	
Shelf Life	9 months from the date of production	
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +18 °C and 30 °C.	
Density	Mixed density (Part A + B + C + D)	~1.34 kg/L
Solid content by weight	~99 %	

TECHNICAL INFORMATION

Shore D Hardness	~56 (7 days) ~65 (28 days)			(DIN EN ISO 868)
Tensile Adhesion Strength	>1.5 N/mm ² (failure in concrete)			(DIN ISO 4624)
Consumption	Layer	Product	Consumption	
	Primer (Scratch coat/ Roller coat)*	1 layer x Sikafloor®-359 SF MY	0.10–0.15 kg/m ²	
	Top coat	1–2 coats x Sikafloor®- 359 SF MY	0.10–0.20 kg/m ²	
	*For existing flooring system which has not exceeded the overcoating time, apply with roller.			
Product Temperature	Keep material temperature to between +20 °C and +25 °C, one day prior to application.			
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. Note: Low temperatures and high humidity conditions increase the probability of blooming.			
Substrate Temperature	+10 °C min. / +30 °C max.			
Substrate Moisture Content	< 6 % pbw moisture content. Test method: Sika®-Tramex meter, CM-measurement or Oven-dry-meth- od. No rising moisture according to ASTM (Polyethylene-sheet).			
Pot Life	~20 minutes (at 25 °C)			
Waiting Time / Overcoating	12 hours min. / 24 hours max. (at 25 °C) Note: Times are approximate and will be affected by changing ambient conditions particularly temperature and relative humidity.			
Applied Product Ready for Use	Temperature	Foot traffic	Light traffic	Full cure
	+30 °C	~1 day	~2 days	~7 days
Note: Times are approximate and will be affected by changing ambient conditions.				

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.

IMPORTANT CONSIDERATIONS

- Do not apply Sikafloor®-359 SF MY on damp sub-
strates or substrates with rising moisture.
- Freshly applied Sikafloor®-359 SF MY must be pro-
tected from damp, condensation and water for at
least 24 hours.
- Uneven substrates as well as inclusions of dirt cannot
and should not be covered by thin sealer coats.
Therefore both substrate and adjacent areas must al-
ways be prepared and cleaned thoroughly prior to
application.
- The incorrect assessment and treatment of cracks
may lead to a reduced service life and reflective
cracking.
- For exact colour matching, ensure Sikafloor®-359 SF
MY in each area is applied from the same control
batch numbers.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety
Data Sheets (SDS) before using any products. The SDS
provides information and advice on the safe handling,
storage and disposal of chemical products and con-
tains physical, ecological, toxicological and other
safety-related data.

APPLICATION INSTRUCTIONS

EQUIPMENT

Sikafloor®-359 SF MY must be thoroughly mixed using
a low speed stirrer (300–400 rpm) or other suitable
equipment

SUBSTRATE PREPARATION

Concrete and/cementitious substrates must be prepared mechanically to remove cement laitance and achieve an open textured surface. Floor coverings surfaces must be prepared by sanding or grinding (diamond grinding tools), whichever appropriate.

MIXING

- Prior to mixing, stir part A (resin) using a mechanical mixer (300–400 rpm). While stirring, add all the colour paste and continue stirring until homogenous for ~1 minute.
- Add Part B (hardener) to the Part A mixture and continue mixing. While mixing, slowly add Part C (powder) and mix continuously for ~2 minutes, until a uniform mix is observed. During mixing, scrape the sides and bottom of the container, at least once, with a spatula or trowel.
- To ensure thorough mixing pour materials into another clean container and mix again for ~30 seconds to achieve a consistent mix.
- Over mixing must be avoided to minimise air entrainment.

APPLICATION

Prior to application, confirm the substrate moisture content, relative humidity and dew point are within limits, and the existing substrate is clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments.

Primer

Make sure that a continuous, pore free coat covers the existing substrate. Apply Sikafloor®-359 SF MY by brush, roller, squeegee or steel trowel (scratch coat).

Top coat

Top coats can be applied by brush, or squeegee and then back-rolled (crosswise) with a short-pile roller. The top coat shall be applied within the overcoating time of Sikafloor®-359 SF MY.

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.

MAINTENANCE

CLEANING

To maintain the appearance of the floor after application, Sikafloor®-359 SF MY must have all spillages removed immediately and must be regularly cleaned using rotary brush, mechanical scrubbers, scrubber dryer, high pressure washer, wash and vacuum techniques etc using suitable detergents and waxes.

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.

Sika Kimia Sdn. Bhd.

Lot 689, Nilai Industrial Estate,
71800 Nilai, Negeri Sembilan D.K.
Malaysia
Phone: +606-7991762
e-mail: info@my.sika.com
Website: www.sika.com.my



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