

SYSTEM DATA SHEET

Sika® ComfortFloor® PS-63 N

Sound insulating low VOC Elastic polyurethane floor covering

DESCRIPTION

Sika® ComfortFloor® PS-63 N is an aesthetic, elastic, low VOC polyurethane flooring system. It contains an acoustic layer which has sound dampening properties. It is part of the Sika Comfortfloor® decorative flooring range.

USES

Sika® ComfortFloor® PS-63 N may only be used by experienced professionals.

The Product is used for the following application areas:

- Airports
- Schools and Universities
- Healthcare facilities and hospitals
- Residential areas and homes
- Sport facilities and gymnasiums

Please note:

- The System may only be used for interior applications.
- The System may only be used by experienced professionals.

CHARACTERISTICS / ADVANTAGES

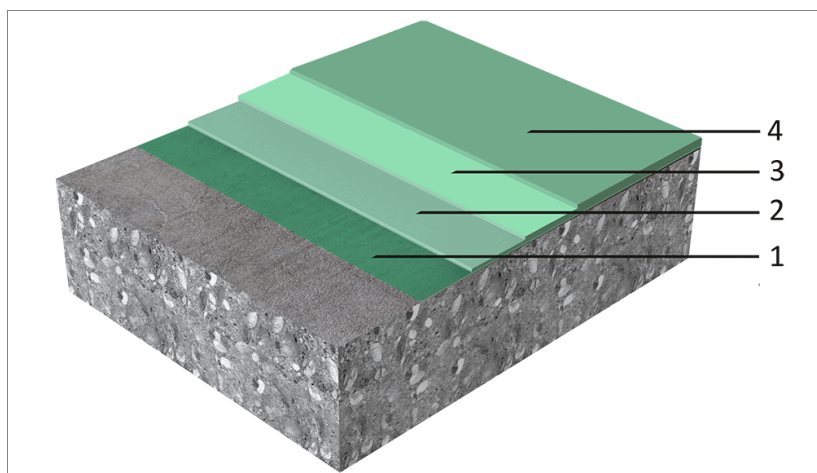
- Good mechanical resistance
- Highly flexible
- Low maintenance
- No shrinkage after curing
- Low VOC emissions
- Reduces footfall sound and contact noise
- Good resistance to UV exposure
- Soft underfoot

APPROVALS / CERTIFICATES

- Sound insulation Sika ComfortFloor®PS-63N/64N, puetz, No. A 4076-2E-RA-001
- Reaction to fire EN 13501-1, GHENT, Report No. CR 21-0998-01

SYSTEM INFORMATION

System structure



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Layer	Product
1. Primer or scratch coat	Sikafloor®-150 Sikafloor®-151 Sikafloor®-161
2. Acoustic layer	Sikafloor®-320 N
3. Wearing layer	Sikafloor®-330 or Sikafloor®-3310
4. Top coat	Sikafloor®-305 W

Composition	Polyurethane
Appearance	Smooth, matt finish
Colour	Available in almost unlimited choice of colour shades.
Nominal thickness	~6 mm

TECHNICAL INFORMATION

Shore A hardness	Cured 14 days at +23 °C	~80	(EN ISO 868)
Castor chair resistance	No damage (25000 cycles)		(EN 425)
Indentation	0.06 mm		(EN 433)
Tensile adhesion strength	> 1.5 N/mm ²		(EN 1542)
Reaction to fire	Class B _{fl} -s1		(EN 13501-1)
Chemical resistance	The System always has to be sealed with Sikafloor®-305 W. Refer to the chemical resistance of Sikafloor®-305 W.		
Resistance to UV exposure	8 / Colour fastness		(EN ISO 105-B02)
Sound insulation	2 mm accoustic layer thick- ness	$\Delta L_w = 12$ dB	(ISO 10140-3)
	3.5 mm accoustic layer thickness	$\Delta L_w = 15$ dB	

APPLICATION INFORMATION

Consumption	Layer	Product	Consumption
	Primer or scratch coat	Sikafloor®-150 Sikafloor®-151 Sikafloor®-161	~0.3–0.5 kg/m ²
	Acoustic layer	Sikafloor®-320 N	~1.25 kg/m ² per mm thickness Note: Multiply the above consumption with the layer thickness stated in sound insulation to achieve the desired sound dampening performance.
	Wearing layer	Sikafloor®-330 or Sikafloor®-3310 + optionally filled 30 % by weight of 0.1–0.3 mm quartz sand	~2.8 kg/m ² (2 mm)
	Top coat	Sikafloor®-305 W	~0.13 kg/m ² per layer

Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Ambient air temperature	Maximum	30°C		
	Minimum	15°C		
Relative air humidity	Maximum	80 % max.		
Dew point	Refer to the individual Product Data Sheet.			
Substrate temperature	Minimum	15°C		
	Maximum	30°C		
Substrate moisture content	Refer to the individual Product Data Sheet.			
Applied product ready for use	Temperature	Foot traffic	Light traffic	Full cure
	+15 °C	~30 hours	~48 hours	~6 days
	+20 °C	~16 hours	~24 hours	~4 days
	+30 °C	~12 hours	~18 hours	~3 days

Note: Times apply when the last layer of the system has been applied. Times are affected by changing ambient conditions, particularly temperature and relative humidity.

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.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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