

SYSTEM DATA SHEET

Sikafloor® Pronto RB-58

Highly crack bridging fast curing waterproofing system for flooring applications

DESCRIPTION

Sikafloor® Pronto RB-58 is a slip resistant, fast curing, waterproofing flooring system based on reactive acrylic resins. It has a high crack bridging ability and is suitable for trafficked indoor and outdoor areas. The System can be applied on concrete and asphalt under special treatment.

USES

Sikafloor® Pronto RB-58 may only be used by experienced professionals.

The System can be used in commercial and public buildings and areas such as:

- Car park decks

Please note:

- The System may only be used by experienced professionals.

FEATURES

- High abrasion resistance
- Very good crack-bridging ability
- Good resistance to specific chemicals
- Good mechanical resistance
- Very fast curing even at low temperatures
- Impermeable to liquids

CERTIFICATES AND TEST REPORTS

- Fire classification report B roof T1 EN 13501, Hoch, Report No. KB-Hoch-1501 57-4
- Coating System Sikafloor® Pronto RB-58, kiwa, Report No. P 11012-E
- Crack-bridging test EN 1062-7, Sikafloor® Pronto RB-58, kiwa, Report No. P 10729-1a-E
- Fire Classification Report 13501-1, GHENT, No.CR 21-0395-01
- Slip resistance EN 13893, Sikafloor® Pronto RB-58, MPI, Certificate No. 177152-G/ 21
- Slip resistance EN 13036, Sikafloor® Pronto RB-58, MPI, Certificate No. 131071-SRT/ 21

SYSTEM INFORMATION

System structure

APPLICATION ON HORIZONTAL SURFACE

Total thickness: 5 mm to 7 mm

Layer	Product
Primer	Sikafloor®-10 Pronto N Sikafloor®-11 Pronto Sikafloor®-13 Pronto
Waterproofing	Sikafloor®-32 Pronto
Reinforcement	Sika® Reemat Premium
Embedment	Sikafloor®-32 Pronto
Wearing layer	Sikafloor®-32 Pronto (filled 1:2 with Sikafloor® Pronto Filler)
Quartz sand broadcast	Quartz sand or coloured quartz sand (0.7–1.2 mm)
Top coat	Sikafloor®-18 Pronto

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APPLICATION ON INCLINED SURFACE

Total thickness: 5 mm to 7 mm

Layer	Product
Primer	Sikafloor®-10 Pronto N Sikafloor®-11 Pronto Sikafloor®-13 Pronto
Waterproofing Reinforcement Embedment	Sikafloor®-32 Pronto Sika® Reemat Premium Sikafloor®-32 Pronto
First wearing layer Quartz sand broadcast	Sikafloor®-32 Pronto (filled 1:2 with Sikafloor® Pronto Filler) Quartz sand or coloured quartz sand (0.7–1.2 mm)
Second wearing layer Quartz sand broadcast	Sikafloor®-32 Pronto (filled 1:2 with Sikafloor® Pronto Filler) Quartz sand or coloured quartz sand (0.7–1.2 mm)
Top coat	Sikafloor®-18 Pronto

Composition	Reactive acrylic resins	
Appearance	Cured system appearance	Slip resistant semi-gloss finish
Colour	Cured system colour	Refer to the product data sheet of Sikafloor®-18 Pronto.
Nominal thickness	5 mm to 7 mm	

TECHNICAL INFORMATION

Abrasion resistance	Cured 7 days at +23 °C	~640 mg (H22 / 1000/ 1000) (7 days / +23 °C)	(EN ISO 5470-1)
Crack bridging ability	Dynamic	up to 0.5 mm, Class B 4.2 (- 20 °C)	(EN 1062-7)
	Static	> 1250 µm, Class A4 (-10 °C)	
Reaction to fire	Class C _{fi} -s1		(EN 13501-1)
	Class B _{ROOF} T1		(EN 13501-5)
Chemical resistance	Refer to the chemical resistance of Sikafloor®-18 Pronto		
Permeability to water vapour	Class III: S _D > 50 m		(EN ISO 7783)
Skid / slip resistance	R 12; V 8		(DIN 51130)

APPLICATION INFORMATION

Consumption	APPLICATION ON HORIZONTAL SURFACE Total thickness: 5 mm to 7 mm		
	Layer	Product	Consumption
	Primer	Sikafloor®-10 Pronto N Sikafloor®-11 Pronto Sikafloor®-13 Pronto	1-2 × ~0.3–0.5 kg/m ²

Waterproofing	Sikafloor®-32 Pronto	~0.8 kg/m ²
Reinforcement	Sika® Reemat Premium	1 m ² /m ² + overlaps
Embedment	Sikafloor®-32 Pronto	~0.8 kg/m ²
Wearing layer	Sikafloor®-32 Pronto	~3.6 kg/m ²
Quartz sand broadcast	(filled 1:2 with Sika-floor® Pronto Filler) Quartz sand or coloured quartz sand (0.7–1.2 mm)	~4–6 kg/m ²
Top coat	Sikafloor®-18 Pronto	~0.5–0.8 kg/m ² depending on the system applied in 1–2 coats (total max. 0.8 kg/m ²)

APPLICATION ON VERTICAL SURFACE

Total thickness: 5 mm to 7 mm

Layer	Product	Consumption
Primer	Sikafloor®-10 Pronto N Sikafloor®-11 Pronto Sikafloor®-13 Pronto	1-2 × ~0.3–0.5 kg/m ²
Waterproofing	Sikafloor®-32 Pronto	~0.8 kg/m ²
Reinforcement	Sika® Reemat Premium	1 m ² /m ² + overlaps
Embedment	Sikafloor®-32 Pronto	~0.8 kg/m ²
First wearing layer	Sikafloor®-32 Pronto	~1.3 kg/m ²
Quartz sand broadcast	(filled 1:2 with Sika-floor® Pronto Filler) Quartz sand or coloured quartz sand (0.7–1.2 mm)	~1–2 kg/m ²
Second wearing layer	Sikafloor®-32 Pronto	~1.3 kg/m ²
Quartz sand broadcast	(filled 1:2 with Sika-floor® Pronto Filler) Quartz sand or coloured quartz sand (0.7–1.2 mm)	~3–4 kg/m ²
Top coat	Sikafloor®-18 Pronto	~0.5–0.8 kg/m ² depending on the system applied in 1–2 coats (total max. 0.8 kg/m ²)

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	Minimum	0 °C
	Maximum	+30 °C
Relative air humidity	Maximum	80 % r.h.
Dew point	Refer to the individual Product Data Sheet.	
Substrate temperature	Minimum	0 °C
	Maximum	+30 °C
Substrate moisture content	Refer to the individual Product Data Sheet.	
Waiting time to overcoating	Before applying Sikafloor®-32 Pronto on Sikafloor®-10 Pronto N, Sikafloor®-11 Pronto or Sikafloor®-13 Pronto allow:	

Temperature	Waiting time
0 °C	60-70 min
+10 °C	40-50 min
+20 °C	35-45 min
+30 °C	30-40 min

Before applying Sikafloor®-18 Pronto on Sikafloor®-32 Pronto allow:

Temperature	Waiting time
0 °C	80 min
+10 °C	60 min
+20 °C	45 min
+30 °C	30 min

Applied product ready for use

Temperature	Foot traffic	Full traffic
0 °C	~50 min	~2 hours
+10 °C	~50 min	~2 hours
+20 °C	~40 min	~1 hour
+30 °C	~30 min	~1 hour

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.

FURTHER DOCUMENTATION

- Sika® Method Statement: Evaluation and preparation of surfaces for flooring systems

IMPORTANT CONSIDERATIONS

IMPORTANT

Rust spots caused by ferric contamination in quartz aggregate

Broadcasting aggregate containing ferric contaminants can lead to rust spots in a finished floor. All broadcasting quartz must be free of all contaminants and ferric materials.

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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