

SYSTEM DATA SHEET

Sikafloor® Pronto RB-58

Highly crack bridging fast curing waterproofing system for Car Park Deck 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.

CHARACTERISTICS / ADVANTAGES

- 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

APPROVALS / STANDARDS

- 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
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	Sika Aggregate-501
Top coat	Sikafloor®-18 Pronto

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Sikafloor® Pronto RB-58

July 2026, Version 10.01

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APPLICATION ON INCLINED SURFACE

Total thickness: 5 mm to 7 mm

Layer	Product
Primer	Sikafloor®-10 Pronto N
Waterproofing	Sikafloor®-32 Pronto
Reinforcement	Sika® Reemat Premium
Embedment	Sikafloor®-32 Pronto
First wearing layer	Sikafloor®-32 Pronto (filled 1:2 with Sika® Pronto Filler)
Quartz sand broadcast	Sika Aggregate-501
Second wearing layer	Sikafloor®-32 Pronto (filled 1:2 with Sika® Pronto Filler)
Quartz sand broadcast	Sika Aggregate-501
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 _{fl} -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	1-2 x ~0.3–0.5 kg/m ² (1-2 x 0.3-0.5L/m ²)
Waterproofing	Sikafloor®-32 Pronto	~0.8 kg/m ² (~0.8L/m ²)
Reinforcement	Sika® Reemat Premium	1 m ² /m ² + overlaps
Embedment	Sikafloor®-32 Pronto	~0.8 kg/m ² (~0.8L/m ²)
Wearing layer	Sikafloor®-32 Pronto	~3.6 kg/m ² (~1.2L Sika-
Quartz sand broadcast	(filled 1:2 with Sika-floor® Pronto Filler) Sika Aggregate-501	floor-32 Pronto + 2.4kg Sika-floor Pronto Filler / m ²) ~4–6 kg/m ²
Top coat	Sikafloor®-18 Pronto	~0.5–0.8 kg/m ² (~0.5-0.8 L/m ²) depending on the system applied in 1–2 coats (total max. 0.8 kg/m ² (0.8L/m ²))

APPLICATION ON INCLINED SURFACE

Total thickness: 5 mm to 7 mm

Layer	Product	Consumption
Primer	Sikafloor®-10 Pronto N	1-2 x ~0.3–0.5 kg/m ² (1-2 x 0.3-0.5L/m ²)
Waterproofing	Sikafloor®-32 Pronto	~0.8 kg/m ² (~0.8L/m ²)
Reinforcement	Sika® Reemat Premium	1 m ² /m ² + overlaps
Embedment	Sikafloor®-32 Pronto	~0.8 kg/m ² (~0.8L/m ²)
First wearing layer	Sikafloor®-32 Pronto	~1.3 kg/m ² (~0.44L Sika-
Quartz sand broadcast	(filled 1:2 with Sika-floor® Pronto Filler) Sika Aggregate-501	floor-32 Pronto + 0.86kg Sika-floor Pronto Filler /m ²) ~1–2 kg/m ²
Second wearing layer	Sikafloor®-32 Pronto	~1.3 kg/m ² (~0.44L
Quartz sand broadcast	(filled 1:2 with Sika-floor® Pronto Filler) Sika Aggregate-501	Sika-floor-32 Pronto + 0.86kg Sika-floor Pronto Filler /m ²) ~3–4 kg/m ²
Top coat	Sikafloor®-18 Pronto	~0.5–0.8 kg/m ² (~0.5-0.8 L/m ²) depending on the system applied in 1–2 coats (total max. 0.8 kg/m ² (0.8L/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 / Overcoating

Before applying Sikafloor®-32 Pronto on Sikafloor®-10 Pronto N:

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 DOCUMENTS

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

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 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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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July 2026, Version 10.01
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SikafloorProntoRB-58-en-NZ-(07-2026)-10-1.pdf

