

## SYSTEM DATA SHEET

# Sikafloor® Pronto RB-55

Crack-bridging, fast-curing acrylic resin flooring system

## PRODUCT DESCRIPTION

Sikafloor® Pronto RB-55 is a slip-resistant, fast-curing, crack-bridging, coloured flooring system based on reactive acrylic resins.

## USES

Sikafloor® Pronto RB-55 installation works to be carried out only by Sika Approved Contractors. Please observe information given by Product Data Sheets.

Sikafloor® Pronto RB-55 is used in the following commercial and public buildings and areas:

- Car park decks

Sikafloor® Pronto RB-55 is used in industrial buildings such as:

- Food and beverage facilities

Please note:

- The System may only be used by experienced professionals.

## CHARACTERISTICS / ADVANTAGES

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

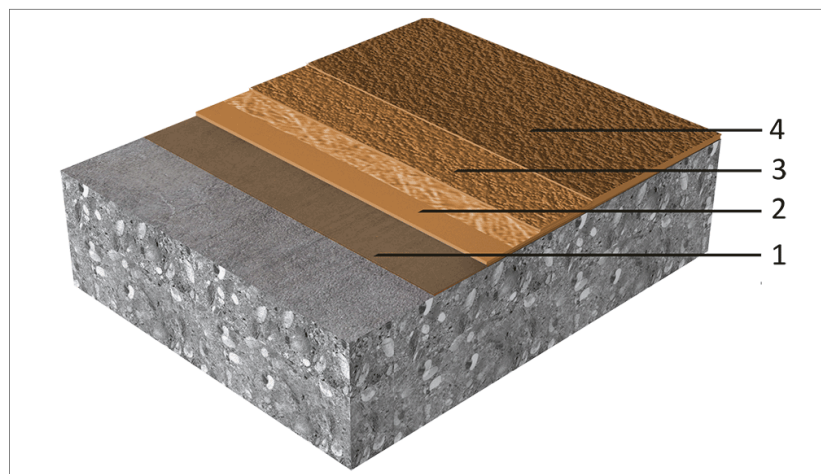
## APPROVALS / STANDARDS

- Reaction to fire EN 13501-1, Sikafloor® Pronto RB-55, GHENT, Test report No. CR 23-0861-01
- Slip resistance DIN 51130, Sikafloor® Pronto RB-25 / 55, Roxeler, Test report No. 020224-20-6

## SYSTEM INFORMATION

### System Structure

Sikafloor® Pronto RB-55

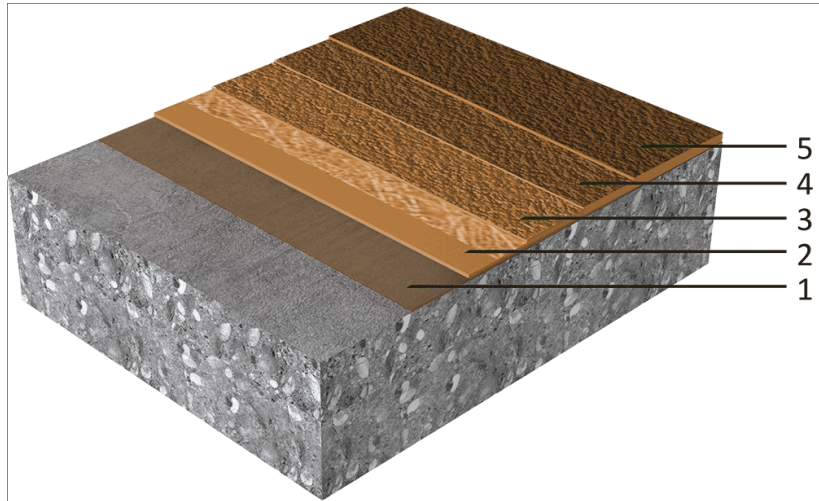


**APPLICATION ON HORIZONTAL SURFACE**

Total thickness: 5 mm to 7 mm

Layer	Product
1. Primer	Sikafloor®-10 Pronto N Sikafloor®-11 Pronto Sikafloor®-13 Pronto
2. Waterproofing membrane	Sikafloor®-15 Pronto N Reinforced with Sika® Reemat Premium Embedded in Sikafloor®-15 Pronto N
3. Wearing layer	Sikafloor®-15 Pronto N (filled 1:2 with Sikafloor® Pronto Filler) Broadcast with Quartz sand or coloured quartz sand (0.7–1.2 mm)
4. Top coat	Sikafloor®-18 Pronto

**Sikafloor® Pronto RB-55**



**APPLICATION ON INCLINED SURFACE**

Total thickness: 5 mm to 7 mm

Layer	Product
1. Primer	Sikafloor®-10 Pronto N Sikafloor®-11 Pronto Sikafloor®-13 Pronto
2. Waterproofing membrane	Sikafloor®-15 Pronto N Reinforced with Sika® Reemat Premium Embedded in Sikafloor®-15 Pronto N
3. Base layer	Sikafloor®-15 Pronto N (filled 1:2 with Sikafloor® Pronto Filler) Broadcast with Quartz sand or coloured quartz sand (0.7–1.2 mm)
4. Wearing layer	Sikafloor®-15 Pronto N (filled 1:2 with Sikafloor® Pronto Filler) Broadcast with Quartz sand or coloured quartz sand (0.7–1.2 mm)
5. Top coat	Sikafloor®-18 Pronto

<b>Composition</b>	Reactive acrylic resins
<b>Appearance</b>	<b>Sikafloor® Pronto RB-55</b>
Cured system appearance	Slip-resistant semi-gloss finish

Colour		<b>Sikafloor® Pronto RB-55</b>
	Cured system colour	Sika® Pronto Pigment: approx. RAL 7032 other colours upon request

Nominal thickness 5 mm to 7 mm

## TECHNICAL INFORMATION

Reaction to Fire	Class C <sub>fl</sub> -s1	(EN 13501-1)
Chemical Resistance	Laboratory-defined resistance to many individual chemicals. Before proceeding, contact Sika Technical Service for specific information.	
Skid / Slip Resistance	R 12; V 6	(DIN 51130)
	Sliding friction coefficient 0.52	(DIN 51131)

## 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 <sup>2</sup>
	Waterproofing membrane	Sikafloor®-15 Pronto N Reinforced with Sika® Reemat Premium Embedded in Sika- floor®-15 Pronto N	~0.8 kg/m <sup>2</sup> 1 m <sup>2</sup> /m <sup>2</sup> + overlaps ~0.8 kg/m <sup>2</sup>
	Wearing layer	Sikafloor®-15 Pronto N (filled 1:2 with Sika- floor® Pronto Filler) Broadcast with Quartz sand or coloured quartz sand (0.7–1.2 mm)	~3.6 kg/m <sup>2</sup> ~4–6 kg/m <sup>2</sup>
	Top coat	Sikafloor®-18 Pronto	~0.5–0.8 kg/m <sup>2</sup> applied in 1–2 coats (total max. 0.8 kg/m <sup>2</sup> )

APPLICATION ON INCLINED 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 <sup>2</sup>
Waterproofing membrane	Sikafloor®-15 Pronto N Reinforced with Sika® Reemat Premium Embedded in Sika- floor®-15 Pronto N	~0.8 kg/m <sup>2</sup> 1 m <sup>2</sup> /m <sup>2</sup> + overlaps ~0.8 kg/m <sup>2</sup>
Base layer	Sikafloor®-15 Pronto N (filled 1:2 with Sika- floor® Pronto Filler) Broadcast with Quartz sand or coloured quartz sand (0.7–1.2 mm)	~1.3 kg/m <sup>2</sup> ~1–2 kg/m <sup>2</sup>
Wearing layer	Sikafloor®-15 Pronto N (filled 1:2 with Sika- floor® Pronto Filler) Broadcast with Quartz sand or coloured quartz sand (0.7–1.2 mm)	~1.3 kg/m <sup>2</sup> ~3–4 kg/m <sup>2</sup>
Top coat	Sikafloor®-18 Pronto	~0.5–0.8 kg/m <sup>2</sup> applied in 1–2 coats (total max. 0.8 kg/m <sup>2</sup> )

#### Ambient Air Temperature

	Sikafloor® Pronto RB-55
Maximum	+30 °C
Minimum	+5 °C

#### Relative Air Humidity

	Sikafloor® Pronto RB-55
Maximum	80 % r.h.

#### Dew Point

Refer to the individual Product Data Sheet.

#### Substrate Temperature

	Sikafloor® Pronto RB-55
Maximum	+30 °C
Minimum	+5 °C

#### Substrate Moisture Content

Refer to the individual Product Data Sheet.

#### Waiting Time / Overcoating

Before applying Sikafloor®-15 Pronto N on the primer allow:

Temperature	Waiting time
+5 °C	50–60 min
+10 °C	45–55 min
+20 °C	35–45 min
+30 °C	30–40 min

Before applying Sikafloor®-18 Pronto on Sikafloor®-15 Pronto N allow:

Temperature	Waiting time
+5 °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
+5 °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.

## VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## FURTHER DOCUMENTS

Refer to the following method statements:

- Sika Method Statement — Evaluation and preparation of surfaces for flooring systems
- Sika Method Statement — Sikafloor® mixing and application

## ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

## 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.

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