BUILDING TRUST

SYSTEM DATA SHEET

Sikafloor® Pronto RB-27

Broadcast, fast-curing, elastomeric flooring system for swimming pool surrounds, cold storage areas, freezers and refrigerators

DESCRIPTION

Sikafloor® Pronto RB-27 is a slip-resistant, fast-curing, elastomeric flooring system based on reactive acrylic resins. It is used for swimming pool surrounds, cold storage rooms, freezers and refrigerators.

USES

Sikafloor® Pronto RB-27 may only be used by experienced professionals.

Sikafloor® Pronto RB-27 is used in industrial buildings such as:
- Food and beverage facilities

Sikafloor® Pronto RB-27 is used in sports facility buildings such as:
- Swimming pool surronds and changing rooms

Please note:
- The System may be used for interior and exterior applications.

CHARACTERISTICS / ADVANTAGES

- Suitable for flooring applications in the beverage and food industry and other wet areas with frequent water load (approx. > 25 % of time)
- Ideal for manufacturing facilities where minimum downtime of the production process is required
- Elastic material behaviour
- Very fast curing, even at low temperatures
- Good resistance to specific chemicals
- Good mechanical resistance
- High UV Stability

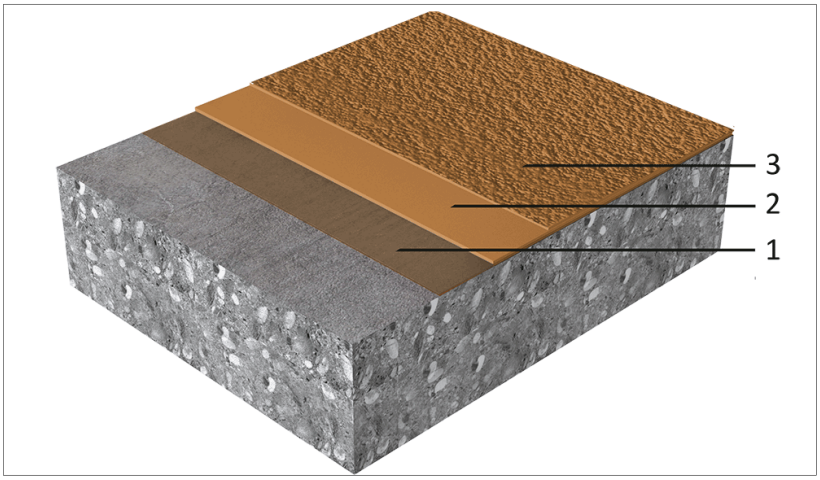
APPROVALS / STANDARDS

- Slip resistance DIN EN 16165, MPI, No. 12 10640 - S/22
- Reaction to fire EN 13501-1, Sikafloor® Pronto RB-27, GHENT, Test report No. CR 23-0860-01

SYSTEM INFORMATION

System Structure

Sikafloor® Pronto RB-27



Total thickness: 3 mm to 5 mm

	Layer	Product
1.	Primer	Sikafloor®-10 Pronto N
2.	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)
3.	Top coat	Sikafloor®-17 Pronto N

Composition

Reactive acrylic resins

Appearance

	Sikafloor® Pronto RB-27
Cured system appearance	Slip-resistant semi-gloss finish

Colour

Cured system colour	Sika® Pronto Pigment Colours or translucent over quartz broadcast

Nominal thickness

3 mm to 5 mm

TECHNICAL INFORMATION

Reaction to Fire

Class C_{fl}-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 8 (DIN 51130)

APPLICATION INFORMATION

Consumption

Total thickness: 3 mm to 5 mm

Layer	Product	Consumption
Primer	Sikafloor®-10 Pronto N	1-2 × 0.3–0.5 kg/m² ~1-2 x 0.3-0.5 L/m²)
Wearing layer	Sikafloor®-15 Pronto N (filled 1:2 with Sikafloor® Pronto Filler) Quartz sand or coloured quartz sand (0.7–1.2 mm)	~3.6 kg/m (~1.2L Sikafloor®-15 Pronto N + 2.4kg/m Sikafloor® Pronto Filler) ~4–6 kg/m² Broadcast
Top coat	Sikafloor®-17 Pronto N	~0.5–0.8 kg/m² applied in 1–2 coats (total max. 0.8 kg/m²) (~0.5–0.8 L/m² applied in 1–2 coats (total max. 0.8 L/m²))

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 the Product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Ambient Air Temperature

	Sikafloor® Pronto RB-27
Maximum	+30 °C
Minimum	+5 °C

Relative Air Humidity

	Sikafloor® Pronto RB-27
Maximum	80 % r.h.

Dew Point

Refer to the individual Product Data Sheet.

Substrate Temperature

	Sikafloor® Pronto RB-27
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®-17 Pronto N on Sikafloor®-15 Pronto N allow:

Temperature	Waiting time
+5 °C	80 min
+10 °C	50 min
+20 °C	45 min
+30 °C	30 min

Applied Product Ready for Use

Temperature	Foot traffic	Full traffic
+5 °C	~45 min	~2 hours
+10 °C	~40 min	~2 hours
+20 °C	~30 min	~1 hour
+30 °C	~20 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

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

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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