

## SYSTEM DATA SHEET

# Sikafloor® Pronto RB-24

Broadcast fast curing flooring system with high mechanical and chemical resistance for wet or dry areas

## DESCRIPTION

Sikafloor® Pronto RB-24 is a slip resistant, fast curing, waterproofing, coloured flooring system for wet and dry areas based on reactive acrylic resins.

## USES

Sikafloor® Pronto RB-24 may only be used by experienced professionals.

The System can be used in industrial buildings such as:

- Food and beverage facilities

Please note:

- The System may only be used for interior applications.

## CHARACTERISTICS / ADVANTAGES

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

## APPROVALS / STANDARDS

- Fire Classification Report EN 13501-1

## SYSTEM INFORMATION

<b>System Structure</b>	Total thickness: 3 mm to 5 mm	
	<b>Layer</b>	<b>Product</b>
	Primer	Sikafloor®-10 Pronto N
	Wearing layer Quartz sand broadcast	Sikafloor®-14 Pronto (filled 1:2 with Sikafloor® Pronto Filler) Quartz sand or coloured quartz sand (0.7–1.2 mm)
	Top coat	Sikafloor®-17 Pronto N
<b>Composition</b>	Reactive acrylic resins	
<b>Appearance</b>	Cured system appearance	Slip resistant semi-gloss finish
<b>Colour</b>	Cured system colour	Refer to the product data sheet of Sikafloor®-17 Pronto N.
<b>Nominal thickness</b>	3 mm to 5 mm	

## TECHNICAL INFORMATION

Reaction to Fire	Class C <sub>fl</sub> -s1	(EN 13501-1)
Chemical Resistance	Refer to the chemical resistance of Sikafloor®-17 Pronto N	

## APPLICATION INFORMATION

Consumption	Total thickness: 3 mm to 5 mm		
	<b>Layer</b>	<b>Product</b>	<b>Consumption</b>
	Primer	Sikafloor®-10 Pronto N	1–2 × ~0.3–0.5 kg/m <sup>2</sup>
	Wearing layer Quartz sand broadcast	Sikafloor®-14 Pronto (filled 1:2 with Sika- floor® Pronto Filler) 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®-17 Pronto N	~0.5–0.8 kg/m <sup>2</sup> depend- ing on the system, ap- plied in 1–2 coats (total max. 0.8 kg/m <sup>2</sup> )	

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	+5 °C
	Maximum	+30 °C

Relative Air Humidity	Maximum	80 % r.h. max.
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Dew Point Refer to the individual Product Data Sheet.

Substrate Temperature	Minimum	+5 °C
	Maximum	+30 °C

Substrate Moisture Content	<b>Substrate</b>	<b>Test method</b>	<b>Moisture content</b>
	Cementitious substrates	Cementitious substrates Sika® Tramex mois- ture meter or CM- Method	≤ 4%

No rising moisture according to ASTM (Polyethylene-sheet). Osmosis caused by rising moisture or incorrect primer application is not covered by the product warranty.

Waiting Time / Overcoating Before applying Sikafloor®-14 Pronto on Sikafloor®-10 Pronto N allow:

<b>Temperature</b>	<b>Waiting time</b>
+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®-14 Pronto 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	~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

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

## LIMITATIONS

### 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 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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