

# PRODUCT DATA SHEET

## Sikafloor®-2530 W

### WATER DISPERSED, COLORED FLOOR SEALER

#### DESCRIPTION

Sikafloor®-2530 W is a high-performance colored, two-component dispersion based on epoxy resin.

#### USES

Sikafloor®-2530 W may only be used by experienced professionals.  
For the production of colored sealing coats for light and medium exposure. On concrete, cement screed, epoxy mortar fiber cement boards, e.g. in production and storage halls, show rooms, garages, wet rooms, civil defense facilities. As deicing salt protection on tunnel walls and galleries not exposed to weathering.

#### CHARACTERISTICS / ADVANTAGES

- Easy application
- Good chemical and abrasion resistance
- Visible end of pot-life
- Fast curing
- Good hiding properties for most shades
- Water vapour permeable
- Excellent carbonation barrier
- Resistant to mechanical cleaning
- Odorless and fungus resistant
- Solvent free

#### PRODUCT INFORMATION

<b>Chemical base</b>	Epoxy, waterborne	
<b>Packaging</b>	Component A	7.0 kg pail
	Component B	3.0 kg pail
	Component A+B	10 kg per set
<b>Appearance / Colour</b>	RAL 9010, RAL 6011, RAL 7032 Minimum quantities of order will be required for other colour shades (depending on its availability, see Sikafloor colour chart).	
<b>Shelf life</b>	Min. 12 months if stored properly in unopened, original packaging	
<b>Storage conditions</b>	Dry, cool, shaded place (storage temperature from +5 °C to +30 °C).	
<b>Density</b>	Approx. 1.22 kg/l (Comp. A + B)	
<b>Solid content</b>	Approx. 55 % (DIN 53216)	

## TECHNICAL INFORMATION

### CHEMICAL RESISTANCE

#### Chemical resistance

Resistant to water, sea water, sodium chloride solution, ammonium sulfate 10%, calcium chloride 10%, ammonia 5%, sodium hydroxide 50%, glycerine, petrol, diesel, fuel oil, lubricants, disinfectants, fruit juice and a number of industrial chemicals.

For specific chemicals please contact our Technical Service Department.

### Thermal Resistance

Dry heat: up to approx. +100 °C.

Damp heat: up to +80 °C (temporary exposure, steam cleaning etc)

## APPLICATION INFORMATION

### Mixing ratio

Component A : B = 7 : 3 (parts by weight)

Component A : B = 2 : 1 (parts by volume)

### Consumption

≈ 0.15–0.20 kg/m<sup>2</sup>  
per coat

### Pot Life

#### Temperature

+10°C

+20°C

+30°C

(in 10 kg units)

#### Time

~ 2 hours

~ 1.5 hours

~ 30 mins

### Applied Product Ready for Use

	+10 °C	+20 °C	+30 °C
Waiting time between coats			
Minimum	2 days	15 hours	10 hours
Maximum	7 days	5 days	3 days
Ready for foot traffic	2 days	15 hours	10 hours
Lightly serviceable	5 days	3 days	2 days
Fully serviceable	10 days	7 days	5 days

In case of a relative air humidity of 75 % the waiting time for Sikafloor®-2530 W is increased by 24 hours.

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY / PRE-TREATMENT

#### Substrate condition

The substrates must be of sufficient strength (compressive strength minimum 25 N/mm<sup>2</sup>). The surface should be level, solid and dry as well as free from loose, friable particles and oil, etc. The pull-off strength should be above 1.5 N/mm<sup>2</sup>.

#### Surface preparation

A sound and clean substrate is of utmost importance, in particular as this flooring system is a thin layer system, hence loads applied to the floor are transmitted to the substrate.

Cavities or defects in the surface should be levelled with suitable material (e.g. using Sikagard®-75 Epo-Cem) prior to treatment.

### MIXING

Prior to mixing stir part A mechanically. When all of part B has been added to part A, continuously mix for minimum 3 minutes until a uniform mix has been achieved. To ensure thorough mixing, pour materials into another container and mix again to achieve a consistent mix. Over mixing must be avoided to minimize air entrapment.

Sikafloor®-2530 W must be mechanically mixed using an electric power stirrer (maximum 500 rpm) or other suitable equipment.

Mixing time is minimum 3 minutes but it may take longer until a homogeneous mixture is achieved.

### APPLICATION

In order to achieve a uniform wetting of the substrate, apply material by means of brush, distemper brush or roller.

Irregular spreading of material and layer thickness may cause differences in the degree of gloss.

During application and curing adequate ventilation must be provided, especially at temperatures below +13 °C, in order to prevent curing and drying malfunctions.

## CLEANING OF TOOLS

Clean the application tools after use with soap water in order to remove remnants of resin and rinse again with clean water.

## MAINTENANCE

To maintain the appearance of the floor after application, Sikafloor®-2530 W must have all spillages removed immediately and must be regularly cleaned using rotary brush, mechanical scrubbers, scrubber dryer, high pressure washer, wash and vacuum techniques etc. using suitable detergents and waxes.

## CLEANING

After thorough cleaning and grinding/sanding Sikafloor®-2530 W can be overworked with itself.

## IMPORTANT CONSIDERATION

- Substrate moisture content < 5 %
- Cementitious substrate min. 4 weeks old
- Min. substrate temperature +10 °C
- Max. substrate temperature +30 °C
- Substrate temperature must be at least 3 °C above dew point
- Maximum relative air humidity 80 %

For aesthetic purposes, always apply minimum of two coats.

The degree of gloss of the applied material is influenced by environmental temperature, relative humidity and absorbency of the substrates.

Prevent formation of puddles during Sikafloor application.

## 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.

## 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.

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## ECOLOGY, HEALTH AND SAFETY

**Ecology:** In liquid state the product contaminates water and should not get into drains, water and soils.

**Disposal:** In any case remnants of cleaning water and material must be removed according to local regulations.

**Transportation:** Non-hazardous

**Important notes:** The product does not fall under the dangerous goods regulations. During application in closed rooms, pits and shafts etc, sufficient ventilation must be provided.

Wear gloves and goggles during application.

## 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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