

PRODUCT DATA SHEET

Sikafloor®-267

2-part epoxy floor coating for multi-purpose use

PRODUCT DESCRIPTION

Sikafloor®-267 is a 2-part coloured epoxy resin. It provides a hard wearing, smooth gloss finish, or a slip resistant finish when broadcast with aggregates. Varying thicknesses can be achieved from 0,6 mm to 3,0 mm. It is suitable for medium to heavy wear conditions.

USES

Sikafloor®-267 may only be used by experienced professionals.

The Product can be used as a:

- Roller coating
- Textured coating
- Self-levelling coating
- Seal / Top coat for slip resistant broadcast systems

CHARACTERISTICS / ADVANTAGES

- Suitable for indoor applications due to low odour
- Multi-purpose product - can be used in many different kinds of applications
- Resistant to many chemicals
- Impermeable to liquids
- Abrasion resistant
- Slip resistant
- Can be filled with sand to produce a self-levelling coating
- High mechanical resistance

APPROVALS / STANDARDS

- CE Marking and Declaration of Performance to EN 13813 — Screed material and floor screeds — Synthetic resin screed material
- CE Marking and Declaration of Performance to EN 1504-2 — Products and systems for the repair and protection of concrete structures — Part 2: Surface protection systems for concrete — Coating
- Slip Resistance, DIN 51130, Roxeler, Certificate No. 020223-20-1

PRODUCT INFORMATION

| | | | |
|--------------------------------|--|--------------------|-----------------|
| Chemical Base | Epoxy | | |
| Packaging | Container Part A | 25,5 kg | |
| | Container Part B | 4,5 kg | |
| | Container Part A + Part B | 30 kg | |
| Shelf Life | 24 months from date of production | | |
| Storage Conditions | The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging. Refer to current Safety Data Sheet for information on safe handling and storage. | | |
| Appearance / Colour | Part A | coloured liquid | |
| | Part B | transparent liquid | |
| | Note: When the product is exposed to direct sunlight, there may be some discolouration and colour variation. This has no influence on the function and performance of the coating. Available colours are limited. Please contact Sika Customer Services for availability. | | |
| Density | Part A | ~1,6 kg/l | (EN ISO 2811-1) |
| | Part B | ~0,99 kg/l | |
| | Mixed Product | ~1,48 kg/l | |
| Solid content by mass | 100 % | | |
| Solid content by volume | 100 % | | |

TECHNICAL INFORMATION

| | | |
|----------------------------------|---|-----------------|
| Shore D Hardness | ~75 | (EN ISO 868) |
| Abrasion Resistance | ~37 mg (CS10 / 1000 g / 1000 cycles) | (EN ISO 5470-1) |
| Compressive Strength | ~56 N/mm ² (Resin filled with 70 % quartz sand 0,1–0,3 mm, after 7 days) | (EN 13892-2) |
| Flexural Strength | ~28 N/mm ² (Resin filled with 70 % QS 0,1–0,3 mm, after 7 days) | (EN 13892-2) |
| Tensile adhesion strength | > 1,5 N/mm ² (failure in concrete) | (EN 1542) |
| Thermal Resistance | Short-term, maximum 7 days | +60 °C |
| Chemical Resistance | Laboratory defined resistance to many individual chemicals. Before proceeding contact Sika Technical Services for specific information. | |

APPLICATION INFORMATION

| | | |
|----------------------------|-----------------------------|---|
| Mixing Ratio | Part A : Part B (by weight) | 85 : 15 |
| Consumption | Filled | ~0,9 to 1,2 kg/m ² /mm (filled with 70 % quartz sand 0,1–0,3 mm) |
| | Unfilled | ~0,7 kg/m ² |
| Product Temperature | Minimum | +10 °C |
| | Maximum | +30 °C |

| | | | | |
|--|--|---------------------|----------------------|------------------|
| Ambient Air Temperature | Minimum | +10 °C | | |
| | Maximum | +40 °C | | |
| Dew Point | Beware of condensation. The substrate and uncured applied product must be at least +3 °C above dew point to reduce the risk of condensation or blooming on the surface of the applied product. Low temperatures and high humidity conditions increase the probability of blooming. | | | |
| Substrate Temperature | Minimum | +10 °C | | |
| | Maximum | +40 °C | | |
| Pot Life | +10 °C | ~50 minutes | | |
| | +20 °C | ~25 minutes | | |
| | +30 °C | ~15 minutes | | |
| Waiting Time / Overcoating | Substrate temperature | Minimum | Maximum | |
| | +10 °C | ~36 hours | ~3 days | |
| | +20 °C | ~16 hours | ~48 hours | |
| | +30 °C | ~12 hours | ~24 hours | |
| Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity. | | | | |
| Applied Product Ready for Use | Temperature | Foot traffic | Light traffic | Full cure |
| | +10 °C | ~48 hours | ~3 days | ~7 days |
| | +20 °C | ~24 hours | ~2 days | ~5 days |
| | +30 °C | ~20 hours | ~1 days | ~3 days |
| Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity. | | | | |

VALUE BASE

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
- Sika® Method Statement: Mixing and application of flooring systems

LIMITATIONS

IMPORTANT: Indentations

Under certain conditions, underfloor heating or high ambient temperatures combined with high point loading may lead to indentations in the resin.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

IMPORTANT:

Strictly follow installation procedures

Strictly follow installation procedures as defined in Method Statements, application manuals and working instructions, which must always be adjusted to the actual site conditions.

EQUIPMENT

Application equipment

Mixing equipment

Electric single paddle mixer (300 to 400 rpm).

IMPORTANT:

Unsuitable mixing equipment

Do not use free fall mixers.

SUBSTRATE QUALITY / PRE-TREATMENT

Treatment of joints and cracks

Construction joints and existing static surface cracks in substrate require pre-treating before full layer application. Use Sikadur® or Sikafloor® resins.

Substrate moisture content

The following test methods can be used to determine the substrate moisture content:

- Sika®-Tramex meter
- CM-measurement
- Oven-dry-method

The Product can be applied on substrates with a moisture content of ≤ 6 %. The substrate must be visibly dry with no standing water.

Substrate condition

Substrates must be free of all contaminants such as dirt, oil, grease, coatings, laitance, surface treatments and loose friable material.

MIXING

1. Mix Part A (resin) for ~30 seconds.
2. Add Part B (hardener) to Part A.
3. Mix Part A + B continuously for ~3 minutes until a uniformly coloured mix is achieved.
4. **(Optional)** If necessary, gradually add between 2,5 % and 4 % by weight of flooring resin of Sika® Extender T.
5. **IMPORTANT:** If product temperature is below +15 °C, gradually add ~1 % by weight of flooring resin of Sika® Thinner C.
6. If additional materials were added, mix for a further 2 minutes until a uniform mix is achieved.
7. To ensure thorough mixing, pour materials into another container and mix again to achieve a smooth and uniform mix.
8. During the final mixing stage, scrape down the sides and bottom of the mixing container with a flat or straight edge trowel at least once to ensure complete mixing.

APPLICATION

IMPORTANT:

Protect from moisture

After application, protect the Product from damp, condensation and direct water contact for at least 24 hours.

IMPORTANT:

No application on rising moisture

Do not apply on substrates with rising moisture.

IMPORTANT:

Temporary heating

If temporary heating is required, do not use gas, oil, paraffin or other fossil fuel heaters. These produce large quantities of both carbon dioxide and water vapour, which may adversely affect the finish. For heating, use only electric powered warm air blower systems.

Textured coating

1. Pour the mixed Product onto the substrate.
Note: The consumption is specified in Application Information.
2. Apply the Product in two directions at right angles with a textured roller.
Note: A seamless finish can be achieved if a 'wet edge' is maintained during application.

Roller coating

1. Pour the mixed Product onto the substrate.
Note: The consumption is specified in Application Information.

2. Back roll the surface in two directions at right angles with a short pile roller.

Note: A seamless finish can be achieved if a 'wet edge' is maintained during application.

Slip resistant broadcast coating

1. Pour the mixed Product onto the substrate.
Note: The consumption is specified in Application Information.
2. Apply the Product evenly over the surface with a squeegee.
3. Back roll the surface in two directions at right angles with a fleece roller.
Note: A seamless finish can be achieved if a 'wet edge' is maintained during application.

Self-levelling coating

1. Pour the mixed Product onto the substrate.
Note: The consumption is specified in Application Information.
2. Apply the Product evenly over the surface with a trowel.
3. Back roll the surface in two directions at right angles with a spike roller.
Note: A seamless finish can be achieved if a 'wet edge' is maintained during application.

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.

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited



Product Data Sheet

Sikafloor®-267
July 2022, Version 01.01
020811020020000227

Sikafloor-267-en-GB-(07-2022)-1-1.pdf