

Sikafloor®-345

Solvent free rapid hardener.

Construction

Description Solvent free rapid hardener for Sikafloor-261, Sikafloor-161, Sikafloor-264, Sikafloor-156 and Sikafloor-94.

Uses

- As rapid hardener for Sikafloor-261 base layer.
- As rapid hardening repair mortar made with Sikafloor-156 and Sikafloor-94 to fill holes and level uneven surfaces.
- As rapid hardener for the primers, Sikafloor-156 and Sikafloor-94.

Advantages

- Short waiting times allow laying of Sikafloor base and sealer coat the same day.
- Phenol free.
- Solvent free.

Application

Substrate Structurally sound, dry (less than 4% humidity), clean, free from oil, grease, loose particles, laitance. Compressive strength at least 25 N/mm², adhesive tensile strength > 1.5 N/mm².

Substrate preparation Weak, not sufficiently sound layers and contamination must be mechanically removed e.g. by sandblasting or milling.

Mixing / Application Please consult product data sheets for relevant Sikafloor products.

Limits

- Min. substrate temperature +10°C.
- Max. substrate temperature +25°C.
- Max. relative humidity 85%.
- Observe dew point.
- Substrate moisture content less than 4% or use Sikafloor EpoCem.
- Only apply to mineral substrates.
- A-component must be well mechanically stirred before being proportioned and mixed.
- Sikafloor-345 Rapid Hardener can not be used with any sealer top coats system.

Cleaning Clean application equipment immediately with Colma Cleaner. Hardened material may only be removed mechanically. Hands and skin to be washed thoroughly with warm soapy water.

Technical & Physical Data

Density (at 20°C) Sikafloor-345 ~ 1.05 kg/l

Viscosity (at 20°C) Sikafloor-345 ~ 530 mPa's

Storage and Shelf Life Stored in dry conditions at +5°C to +30°C in unopened original container shelf life is at least twenty-four (24) months from date of production.

Packaging

- 10 kg (9.5 litres) pail
- 20 kg (19 litres) pail
- 180 kg (171 litres) drum



Mixing**Sikafloor Base Layer**

Sikafloor-261 Part A : Sikafloor-345 : Sikafloor Filler	85:15:85 (wt)	85:22:85 (vol)
Sikafloor-161 Part A : Sikafloor-345	85:15 (wt)	85:22 (vol)
Sikafloor-264 Part A : Sikafloor-345	85 : 15 (wt)	85 : 23 (vol)

For Rapid Hardening Primer

Sikafloor-156 Part A : Sikafloor-345	10 : 3 (wt)	10 : 3.2 (vol)
Sikafloor-94 Part A : Sikafloor-345	10 : 3.3 (wt)	10 : 3.6 (vol)

To produce a repair mortar, add dry quartz sand to the resin / hardener system. Aggregate grading depending on required layer thickness.

Reactivity**Sikafloor-261 A component and Sikafloor-345**

Potlife (2.0 kg)	+10°C	+20°C
Base Layer	~ 55 min	~ 30 min
Waiting Time:		
Base layer can be sealed after	~ 12 hours	~ 3.5 hours

Sikafloor-156 A component and Sikafloor-345

Potlife (2.0 kg)	~ 25 min	~12 min
Waiting Time:		
Can be over coated after	~ 12 hours	~ 4 hours

Sikafloor-94 A component and Sikafloor-345

Potlife (2.0 kg)	~ 25 min	~ 4 hours
Waiting Time:		
Can be over coated after	~ 8 hours	~ 4 hours

Sikafloor-161 A component and Sikafloor-345

Potlife	~ 60 min	~ 30 min
Waiting Time:		
Can be over coated after	~ 12 hours	~ 3.5 hours

Sikafloor-264 A component and Sikafloor-345

Potlife	50 min	25 min
Waiting Time		
Can be over coated after	~ 11 hours	~ 3 hours

Safety Precautions

- Product may cause skin irritation.
- Wear gloves and goggles and apply barrier cream to hands.
- In contact with eyes or mucous membrane, flush immediately with plenty of clean, warm water and seek medical attention immediately.
- When used indoors or in confined spaces, please provide for good ventilation during application and curing.
- A full Material Safety Data Sheet is available from Sika on request.

Ecology

In liquid state Sikafloor-345 contaminates water and may therefore not be disposed of into sewage, waters or soil, but strictly in accordance with local regulations.

Toxicity

Class 4 under the relevant Swiss Health and Safety Codes.

Transport

Class 6/53 c

Important Notification

The information, and, in particular, the recommendations relating to the application and end-use of Sika's 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 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 proprietary rights of third parties must be observed. All orders are accepted subject of our terms and conditions of sale. Users should always refer to the most recent issue of the Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

Construction

