

Sikafloor[®]-345

Solvent free rapid hardener.

Construction

Description	Solvent free rapid hardener for Sikafloor-261, Sikafloor-156 and Sikafloor-94 .
Uses	<ul style="list-style-type: none"> ▪ 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	<ul style="list-style-type: none"> ▪ Short waiting times allow laying of Sikafloor-261 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/mm ² , adhesive tensile strength > 1.5 N/mm ² .
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 Sikafloor-261, Sikafloor-156 and Sikafloor-94 respectively.
Limits	<ul style="list-style-type: none"> ▪ 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.
Important Notification	<p>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 Technical Data Sheet for the product concerned, copies of which will be supplied on request.</p>

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.

Technical & Physical Data

Mixing ratio	For Sikafloor-261 Base Layer:		
	Sikafloor-261 Part A : Sikafloor-345 : Sikafloor Filler		
	85 : 15 : 85 (by weight)		
	85 : 22 : 85 (by volume)		
	For Rapid Hardening Primer:		
	Sikafloor-156 Part A : Sikafloor-345		
	10 : 3 (by weight)		
	10 : 3.2 (by volume)		
	Sikafloor-94 Part A : Sikafloor-345		
	10 : 3.3 (by weight)		
	10 : 3.6 (by volume)		
	To produce a repair mortar add dry quartz sand to the resin / hardener system. Aggregate grading depending on required layer thickness.		
Density (at 20°C)	Sikafloor-345 ~ 1.05 kg/l		
Viscosity (at 20°C)	Sikafloor-345 ~ 530 mPa's		
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	
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		
Safety Precautions	<ul style="list-style-type: none"> ▪ 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		

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