

Sikafloor[®] - Epoxy Booster

Solvent free, accelerator/ booster for Sikafloor and Sikadur epoxy systems

Construction

Description	Accelerator / booster additive for dosing to epoxy systems
Uses	<ul style="list-style-type: none"> ▪ As an accelerator for Sikafloor-160 -161-264 and Sikafloor-94. ▪ As an accelerator for Sikadur 31 – 32 and 33 epoxy mortars and pastes
Application	
Substrate	Concrete should be 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	<p>Add between 5% and 20% Booster to standard Hardener.</p> <p>EG: Part B: 1kg = Add Booster from 0.05kg to 0.20kg per 1kg Part B</p>
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-Epoxy Booster used with any sealer top coats system will discolour in UV light.
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)	0.98kg/L
Viscosity (at 20°C)	117 mPas.
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	5 kg Jerry Can



Note * % Epoxy Booster is based on the Part B Component

Testing @ 6°C

Sikafloor 94			
	TFT	Potlife	Shore D
Control	635	230	65
10%	615	150	78
15%	545	145	82
20%	480	135	89
Sikafloor 160			
	TFT	Potlife	Shore D
Control	630	110	55
10%	600	55	74
15%	540	45	79
20%	460	35	80
Sikafloor 161/264			
	TFT	Potlife	Shore D
Control	600	110	50
10%	540	85	70
15%	510	70	71
20%	390	55	73

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Testing @ 23°C

Sikafloor 94			
	TFT- minutes	P/L- minutes	Shore D(1d)
Control	330	48	63
5% Booster	300	43	64
10% Booster	250	38	66
15% Booster	225	33	67
20% Booster	180	26	68
Sikafloor 160			
	TFT- minutes	P/L- minutes	Shore D(1d)
Control	340	45	64
5% Booster	295	35	65
10% Booster	255	30	66
15% Booster	225	28	68
20% Booster	180	25	70

Sikadur 31	Tack Free	Hard dry	Pot life
	Minutes	Minutes	Minutes
Control	150	210	55
10%	100	170	40
15%	80	130	25
Sikadur 32			
Control	140	170	75
10%	90	130	45
15%	70	110	30
Sikadur33			
Control	155	270	90
10%	130	170	65
15%	110	145	40

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Safety Precautions	<ul style="list-style-type: none"> ▪ Product may cause skin irritation. ▪ Wear gloves and goggles and apply barrier cream to hands.. ▪ 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
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Ecology	In liquid state Sikafloor-booster contaminates water and may therefore not be disposed of into sewage, waters or soil, but strictly in accordance with local regulations.
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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 Australian version of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.</p> <p>PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION.</p>
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