

Technical Data Sheet

Edition 2, 2011
Identification no. xxx
Version no. 0010
Sikaflex® - 11 FC

Construction

Sikaflex® - 11 FC

One Component Polyurethane Sealant / Adhesive

Description	Sikaflex® - 11 FC is a fast curing, one-component polyurethane sealant /adhesive with permanent elasticity.
Uses	<p>As an elastic adhesive for :</p> <ul style="list-style-type: none">■ Assembling metal framed buildings.■ Cover plates and covings.■ Light-weight construction materials.■ Acoustic ceiling tiles.■ Wood, metal or plastic window and door frames.■ Floor mouldings and door sills. <p>As an elastic joint sealant for:</p> <ul style="list-style-type: none">■ Sealing joints in concrete, epoxy, stone and quarry tiled floors.■ Sealing joints in roofing and guttering etc.■ Flexible draught proofing.■ Containers, water tanks and silos.■ Excellent pick resistance for applications in shop fronts, prisons, schools, public amenities and buildings.■ Bolted lap joints.■ Sealing penetrations in walls or floors for ducts, piping, etc.■ Sanitary purposes.
Advantages	<ul style="list-style-type: none">■ New Sikaflex® - 11 FC will bond to well cleaned old Sikaflex® - 11 FC .■ Excellent adhesion on all cement-based materials, bricks, ceramics, metals, wood, polyurethane, epoxy, and some polyesters.■ Fast cure rate.■ High durability.■ High abrasion resistance and tear strength.■ Good weathering and water resistance and tear strength.■ Good weathering and water resistance.■ Non-sag on vertical joints up to 30 mm width.■ Ready for immediate use - no mixing.■ Non-corrosive.■ Can be painted■
Packaging	Cartridge 310 ml X 20 pieces / box
Color	Concrete Gray, White

Attention

This is a Product data sheet on strength of the JIS A 5758 1992.

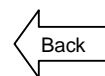


Table of contents



Technical Data

Specific gravity	1.15		
JIS A 5758			
Loss on heating (%)	6.0		
JIS A 5758			
Staining	No		
JIS A 5758			
Class of durability	Similar 8020		
JIS A 5758			
Shelf Life	9 months		
(at +5°C ~ + 25°C)			
Extrudability (sec)	5°C	6	
JIS A 5758	20°C	3	
Slump (mm)	50°C	vertical	0
JIS A 5758		horizontal	0
Tack free time (hours)	20°C	3	
JIS A 5758			
Curing speed	5°C	Over 7 days	
At 5 mm (thickness)	20°C	2 days	
	35°C	1 day	
Shore A hardness	42		
JIS K 6301			
Service temperature	- 30°C ~ +80°C		
Capacity			
Ozone resistance	Good		
JIS A 5758			

Tensile strength

JIS A 5758

50% modulus (N/cm ²)	After Curing	20°C	43
		- 10°C	68
	After Heating	20°C	70
		- 10°C	113
After Immersion in water	20°C	45	
Tensile strength (N/cm ²)	After Curing	20°C	131
		- 10°C	219
	After Heating	20°C	144
		- 10°C	207
	After Immersion in water	20°C	116
Elongation at break (%)	After Curing	20°C	420
		- 10°C	460
	After Heating	20°C	330
		- 10°C	300
	After Immersion in water	20°C	410

* The stated figures are based on laboratory tests.

Actual measured data may vary due to circumstances beyond our control.



Notes

Before construct

- Please clean on the surface before you spread **Sikaflex® Sikabond®**
- When you clean on the surface for the cloth that moisten solvent. (Non alcohol)
- In case of apply paint after construct. Please apply paint speedily within a week.
- Please confirm without problems if you paint on polyurethane sealant.
- Paint can't apply on the silicone.
- Spread a primer before using.
- Don't touch directly. If you touch it, wash your hands early.
- Don't put in your eyes. If you put in, wash your eyes.
- Don't breathe in steam. If you breathe in steam, keep quiet in pure place.
- If you drink it, as soon as go through a doctor.
- Please put on gloves, goggle, and mask.
- Don't use near fire.
- Please ventilate at using.
- Please use early after opened.
- Please store in cool and dry conditions. (at +5°C to +25°C)
- When you throw out after cured products.

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 product 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.



PT. Sika Indonesia
 Jl. Raya Cibinong- Bekasi km. 20
 Limusunggal- Cileungsi
 BOGOR 16820 - Indonesia
 Tel. +62 21 8230025
 Fax +62 21 8230026
 Website : www.sika.co.id
 e-mail: sikacare@id.sika.com

Branches
 Surabaya :
 Komp. Pergudangan Meiko Abadi III Blok B-52 & B-53, Betro, Gedangan,
 Sidoarjo 61254
 Tel : 031-8911333; Fax : 031-8916333
 Medan :
 Jl. Pancing / Jl. Willem Iskandar No.66 B, Kec. Medan Tembung
 Tel : 061- 6619500; Fax : (061) 6619400
 Batam :
 Jl. Laksamana Bintan, Komp. Bumi Riau Makmur Blok E No.3, Sungai Panas
 Tel : (0778) 424928; Fax : (0778) 450189

