

# Sika Sikaflex11FC Joint Sealant and Multipurpose Adhesive

## Product Images





## Short Description

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Sikaflex 11FC is a fast curing one-component polyurethane sealant/adhesive with permanent elasticity. Available in a range of colours and sizes, choose from the dropdown box below.

## Description

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Sikaflex 11FC is a fast curing one-component polyurethane sealant/adhesive with permanent elasticity. It can be used as a joint sealant for vertical and horizontal joints, soundproofing of pipes, caulking, sealing seams, and also as a multipurpose adhesive for indoor and outdoor bonding. It is easy to use, can be painted over and comes in a range of neutral colours in two sausage sizes, 310ml or 600ml. Sikaflex-11FC is approved for use with potable water according to AS4020.

Optimum bonding will be obtained after complete curing of Sikaflex®-11 FC, i.e. after 24 to 48 hours at +23°C for a thickness between 2 to 3 mm.

### Features:

- Can be overpainted with many flexible paint systems
- Non corrosive and resistant to bacterial attack
- Potable water approved
- 1-part, ready to use
- Flexible and elastic
- Very good adhesion to most construction materials
- Good weathering and ageing resistance
- Non sag consistency
- No need to grout the bonded part
- Impact and vibration absorbing

- High pick resistance for applications in shop fronts, prisons, schools and public amenities

**Ideal for:**

- Sealing vertical and horizontal joints
- Soundproofing pipes between concrete and sheathing
- Caulking between partitions, seam sealing, sealing in metal and wood construction
- Ventilation construction
- Use as a multipurpose adhesive for indoor and outdoor bonding
- Bonding window sills, thresholds, stair steps, skirting boards, base boards
- Adhesive for prefabricated elements

## APPLICATION

**Surface Preparation:**

Sikaflex-11 FC generally has strong adhesion to most clean, sound substrates. For optimum adhesion and critical, high performance applications such as multi story building work, for high stress bonding joints or in case of extreme weather exposure substrate primers and cleaners must be used. Check technical data sheet for detailed substrate preparation information.

**Placement:**

Firmly extrude Sikaflex® -11 FC into joint making sure that it is full contact with the side of the joint. Fill the joint, avoiding air entrapment. Sikaflex must be tooled firmly against joint sides to ensure good adhesion. Sleek joint with smoothing liquid for a perfect sealant surface. Sealing & Bonding: After substrate preparation apply Sikaflex®-11 FC in strips or spots on the bonding surface at intervals of a few centimeters. Use hand pressure to set the element to be bonded into position. If necessary, use adhesive tape, wedges, or props to hold the assembled elements together for the initial hours of curing. An incorrectly positioned element can be easily unfastened and repositioned in the first few minutes after application. Apply pressure again.

**Clean Up:**

Use Sika Colma Cleaner to remove uncured sealant from tools after first removing the bulk of the Sikaflex material with a scraper followed by a rag or paper tissue. Sikaflex Hand Cleaner will remove fresh and partially cured Sikaflex from the skin. Hardened material can only be removed mechanically.

**Storage:**

12 months from date of production if stored in undamaged original unopened container in moderate temperatures.

**Yield:**

A 10 x 10mm joint = 6 linear metres using a 600ml sausage or 3.1 metres using a 310ml sausage. A 30 x 25mm joint = 0.8 linear metres using a 600ml sausage or 0.4 metres using a 310ml sausage.

## Additional Information

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CODE	40-5-2-WP
U.O.M	Each
Suits Substrate	Aluminium, Brick, Cement, Ceramics, Concrete, Metals, Stainless Steel, Timber
Brand	Sika
Range / Model	Sikaflex
Min Working Temp	-20 degrees Celsius
Max Working Temp	+70 degrees Celsius
Gel Time / Skin Time	Tack free in approximately 40 minutes
Cure Time	5mm in 36 hours (typical)

## Product Options

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Colour:	Black
	White
	Grey
Size:	310 ml
	600 ml

