

# Sikaflex<sup>®</sup>-290 DC

## Weatherproof deck caulking sealant

### Technical Product Data:

Properties	Sikaflex <sup>®</sup> -290 DC
Chemical base	One-component polyurethane
Colour	Black
Density (DIN 53479) (uncured)	1,3 kg / l approx.
Stability (non-sag properties)	Thixotropic, non-sag
Cure mechanism	Moisture-curing
Tack-free time <sup>1)</sup>	80 min. approx.
Rate of cure <sup>1)</sup>	3 mm per 24 hrs. approx.
Shrinkage (DIN 52451)	1% approx.
Shore A hardness (DIN 53505)	40 approx.
Tensile strength (DIN 53504)	1,3 N / mm <sup>2</sup> approx.
Elongation at break (DIN 53504)	> 250%
Tear strength (DIN 53515)	10 N / mm approx.
Application temperature	+5°C to +25°C
Service temperature	-40°C to +90°C
Shelf life (stored below 25°C)	12 months for cartridge/unipac

<sup>1)</sup> At 23°C and 50% relative humidity

#### Description:

Sikaflex<sup>®</sup>-290 DC is a one-component UV-resistant polyurethane based joint sealing compound specially formulated for caulking joints in traditional timber marine decking. The sealing compound cures to form a flexible elastomer which can be sanded.

Sikaflex<sup>®</sup>-290 DC is manufactured in accordance with the ISO 9001/14001 quality assurance system and meets the regulations set out by the International Maritime Organisation (IMO).

#### Product benefits:

- One-component formulation
- Non-corrosive
- Can be sanded
- Resistant to UV light and weathering
- Resistant to seawater and fresh water

#### Cure mechanism:

Sikaflex<sup>®</sup>-290 DC cures by reaction with atmospheric moisture. At low temperatures the water content of the air is lower and the curing reaction proceeds more slowly.

#### Areas of application:

Sikaflex<sup>®</sup>-290 DC is used exclusively for the caulking of joints in traditional timber strip decking in boat- and yacht-building (secondary sealing).

**Chemical resistance:**

Sikaflex®-290 DC offers effective long-term resistance to fresh water, seawater, aqueous cleansing agents.

It is not resistant to solvents, concentrated acids, caustic solutions and chlorine containing cleaners.

A brief contact with fuels or lubricants has no significant effect on the durability of the sealant.

The above information is offered for general guidance only. Advice on specific applications will be supplied upon request.

**Method of application:**

Instructions and directions for use of Sikaflex®-290 DC is contained in a special brochure that may be obtained at any time from your local Sika company or agent.

**Further information:**

Copies of the following publications are available on request:

- Installation guide for deck caulking
- Primer Chart for Marine Applications
- Safety Data Sheet
- Sika® Marine Application Guide
- Sika® in Cruise and Ferry
- Sika® for strong bonds at the high seas

**Packaging information:**

Cartridge	300 ml
Unipac	600 ml

**Important:**

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the current safety data sheet containing physical, ecological, toxicological and other safety-related data for this type of product.

**Note:**

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 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 to our current terms of sale and delivery. 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.



Sika Australia Pty Limited  
ABN 12 001 342 329

[www.sika.com.au](http://www.sika.com.au)  
Tel: 1300 22 33 48

