



# Sikaflex®-EBT

## One Part Polyurethane Sealant/Adhesive/Gap Filler

### Technical Data Sheet

#### DESCRIPTION

**Sikaflex-EBT** is a one part, gun grade triple purpose sealant, adhesive and filler of permanent elasticity. It is based on a special moisture cured polyurethane and suitable for internal and external use.

#### USES

- \* Fixtures in bathrooms and kitchens - cabinets, shower trays, mirrors, ceramic tiles, fittings.
- \* Fixing and sealing roof tiles, flashings, gutters.
- \* Fixing and sealing architrave, skirting, panelling, mouldings, acoustic tiling.
- \* Fixing and sealing door and window frames.
- \* Filling and sealing internal/external cracks.
- \* Flexible draught proofing.
- \* Gaskets for ducting, flanges, crimping and interlocking surfaces.
- \* Aluminium fabrication and shop fitting.

#### ADVANTAGES

- \* Excellent initial grab and non-slip.
- \* Adhesion on all cement based materials, brick, ceramics, glass, metals, wood, epoxy, polyester, acrylic resin, plastics.
- \* Fast cure rate.
- \* Good weathering and water resistance.
- \* Non-corrosive.
- \* Can be painted over with water, oil and rubber based paints. (Preliminary tests recommended.)
- \* High durability.

#### Technical Data (typical)

|  |  |
|--|--|
| <b>Colours:</b>                                  | Black, White, Beige, Grey, Brown               |
| <b>Density:</b>                                  | 1.2 kg per litre                               |
| <b>Service temperature range:</b>                | -40°C to +80°C                                 |
| <b>Curing rate:</b>                              | 3 mm/day<br>(+20°C / 65% RH)                   |
| <b>Application temperature:</b>                  | +5°C min, +40°C max<br>(Substrate and ambient) |
| <b>Tack free time:</b>                           | 1 - 2 hours (+23°C / 50% RH)                   |
| <b>Maximum joint width:</b>                      | 40.0mm   |
| <b>Minimum joint depth for expansion joints:</b> | 8.0mm  |

All above values are approximate.

## PREPARATION

All surfaces must be sound, clean, dry or damp and free from any surface contaminants such as dust, dirt oil, grease etc.

All loose particles, paint, laitance, rust and other poorly adhering materials should be removed. Surface should then be brushed to remove surface contaminants.

## PRIMING

On plastic surfaces and where maximum adhesion is required, the selection of a suitable primer is recommended, please consult **Sika Limited**. Allow primer to become touch dry before applying sealant within minimum and maximum waiting times.

## APPLICATION

### Waterproof sealing, gapfilling and jointing:

- \* Insert Joint Backing if required.
- \* Insert cartridge into sealant gun and firmly extrude **Sikaflex-EBT** into the gap/joint making sure that it is in full contact with all the sides.
- \* Fill the joint, avoiding air entrapment.
- \* **Sikaflex-EBT** should be tooled to a smooth finish.

### Bonding:

- \* Insert cartridge into sealant gun and extrude bead or spot onto one contact surface.
- \* Press contact surfaces together.

## IMPORTANT CONSIDERATIONS

- \* **Sikaflex-EBT** should not be used for structural glazing.
- \* **Sikaflex-EBT** is not recommended for joints with excessive movement.
- \* **Sikaflex-EBT** should be used with care in resealing joints that were previously filled with silicone sealants. All silicone residue must be removed.
- \* Bonded elements may require additional holding or support during curing period depending on weight.
- \* Masking tape should be used where sharp exact joint lines or exceptionally neat lines are required. Remove the tape whilst the sealant is still soft.
- \* **Sikaflex-EBT** may be painted. However some coatings may crack if movement occurs, preliminary tests recommended.
- \* White colour material may discolour with age when exposed externally to UV light. Durability will not be affected.
- \* **Sikaflex-EBT** will bond to damp surfaces. However, the bond and grab will not be as strong compared to a dry surface. Standing/surface water should be removed before application.
- \* Use a mould resistant silicone for final sealing of sanitaryware.

## CLEANING

Clean tools immediately with **Sika Thinner C**.

## PACKAGING

**Sikaflex-EBT** is supplied in 310ml cartridges. 

## CONSUMPTION

Theoretical consumption of **Sikaflex-EBT** per 310ml cartridge (without wastage):

$$\text{Length of joint per 310ml (m)} = \frac{310}{\text{Joint width (mm)} \times \text{joint depth (mm)}}$$

$$\text{Litres per metre run of joint} = \frac{\text{Joint width (mm)} \times \text{joint depth (mm)}}{1000}$$

## STORAGE/SHELF LIFE

15 months from date of production if stored in cool, dry conditions (+ 10°C to + 25°C).

### Handling Precautions

Sika products are generally harmless provided that certain precautions normally taken when handling chemicals are observed. The materials must not, for instance, be allowed to come in contact with foodstuffs or food utensils and measures should also be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The use of protective clothing, goggles, barrier creams and rubber gloves is required. The skin should be thoroughly cleaned at the end of each working period either by washing with soap and warm water or by using a resin-removing cream - the use of powerful solvents is to be avoided. Disposable paper towels - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. In case of accidental eye or mouth contact, flush with water - consult a doctor immediately. Health and Safety information on Sika Products is available and we strongly advise that this is read prior to their use. Sika products are for professional use and should be stored in sealed containers away from the reach of children.

### Important 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.

Please consult our Technical Sales Department for further information

SIKA LIMITED

Watchmead, Welwyn Garden City, Hertfordshire, AL7 1BQ

Tel: 01707 394444 Email: sika@uk.sika.com

Fax: 01707 329129 www.sika.co.uk

