



SikaBond®-TF plus

One Part Sag Resistant Polyurethane Adhesive

Technical Data Sheet

DESCRIPTION

SikaBond-TF plus is a one part permanently elastic adhesive/sealant based on polyurethane.

USES


SikaBond-TF plus is suitable for bonding **SikaPlan® Membran** on to:

- * Concrete.
- * Wood.
- * Aluminium including powder coated.
- * Most construction materials.
- * EPDM gaskets to substrates.

ADVANTAGES

- * Easy, quick application.
- * Solvent free.
- * No pre-treatment of membrane needed.
- * Suitable for uneven substrates.
- * Highly adaptable.
- * Waterproof.
- * Durable.
- * No additional mechanical fixing.
- * Allows repositioning of **SikaPlan** rubber membranes upto 30 minutes.

Technical Data (typical)

Colour:	Black
Density:	1.25 kg/litre
Service temperatures: Range:	-40°C to +90°C
Cure rate:	4 mm/day (+23°C / 50% RH)
Application temperature:	5°C min, 35°C max (Substrate and ambient)
Shore A hardness:	35 after 28 days (+23°C / 50% RH)
Tack free time:	1 to 1½ hours (+23°C / 50% RH)
Tensile strength at break:	1.8 N/mm ²
Peeling resistance:	1.0 N/mm ²
Elongation at break:	> 500% 

All above values are approximate.

SURFACE PREPARATION

All surfaces must be sound, clean, dry and free from any surface contaminants.

All loose particles, paint, laitance and other poorly adhering materials should be removed with a rotary mechanical wire brush, grinding or grit blasting.

PRIMING

Priming is not normally required except on moist substrates. When using Sika Primer 3 on moist substrate, maximum substrate moisture content must not exceed 8% by wt. Allow primer to become touch dry before applying **SikaBond-TF plus**.

APPLICATION

Insert sausage into sealant gun and cut nozzle to a diameter of not less than 8 mm, and firmly extrude bead of adhesive. Spread **SikaBond-TF plus** by means of a spatula to approx 4 - 5 cm width @ 1mm thickness (dependant on substrate profile).

Place **SikaPlan** rubber membrane onto the **SikaBond-TF plus** and apply pressure along membrane using a plastic roller. Ensure excess extruded **SikaBond-TF plus** is tooled off by trowel.

IMPORTANT CONSIDERATIONS

- * **SikaBond-TF plus** should not be used for structural glazing.
- * Protect the finished joint from water for at least 1 hr.
- * Large elements may require additional holding or support during curing period.
- * Do not use **SikaBond-TF plus** in contact with materials containing bitumen or pitch.

CLEANING

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

PACKAGING

Refer to latest price list.

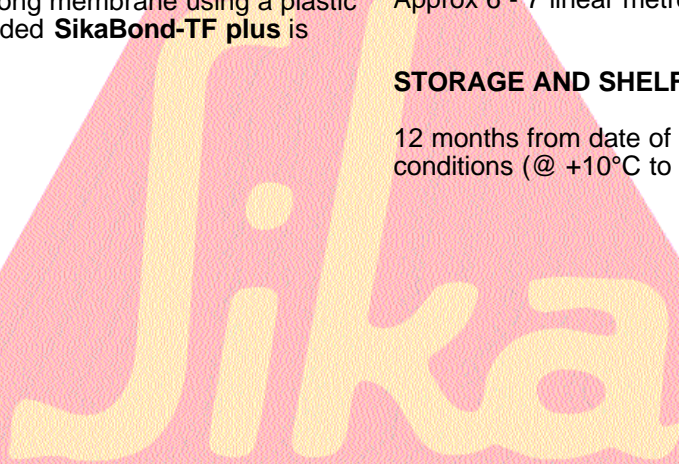
CONSUMPTION

Theoretical consumption of **SikaBond-TF plus** per 600cc sausage (without wastage):

Approx 6 - 7 linear metres dependant on substrate.

STORAGE AND SHELF LIFE

12 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

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