



SikaTack[®]-Panel

One Part Polyurethane Structural Adhesive

Technical Data Sheet

DESCRIPTION

SikaTack-Panel is a one part gun applied polyurethane adhesive with extremely good non-sag properties.

USES

SikaTack-Panel is suitable for bonding ceramic and plastic ventilated facade panels onto aluminium or timber substructures.

ADVANTAGES

- * One part - no mixing on site.
- * Elastic.
- * Can be over painted.
- * Good gap filling capabilities.
- * Capable of withstanding high dynamic stresses.
- * Vibration damping.
- * Non corrosive.
- * Electrically non conductive.
- * Bonds well to a wide variety of construction materials.
- * Silicon free.

Technical Data (typical)

| | |
|---|---|
| Colour: | Ivory |
| Density: | 1.20 kg/litre |
| Service temperatures: Range: | -40°C to +90°C |
| Cure rate: | 4 mm/day |
| Application temperature: | +10°C min, +35°C max (Substrate and ambient) |
| Shore A hardness: | 55 after 28 days (+23°C / 50% RH) |
| Tack free time: | 40 minutes (+23°C / 50% RH) |
| Elongation at break: | > 300% |
| Tensile strength at break: | 4.0 N/mm ² |
| Tear strength: | 9.0 N/mm ² |

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, rust and other poorly adhering materials should be removed with a rotary mechanical wire brush, grinding or grit blasting followed by blowing out with oil free compressed air. Use epoxy mortars for making good spalled or damaged joints.

Iron and steel must be protected by an anti-corrosion primer such as **Icosit® EG1** prior to joint sealing.

PRIMING

Priming is recommended for maximum bond durability. Apply **SikaTack-Panel Primer** and allow to become touch dry before applying sealant.

APPLICATION

- * Apply **SikaTack-Panel Primer** to substrate bonding surfaces and observe waiting time before application of **SikaTack-Panel** adhesive.
- * Insert cartridge or sausage into sealant gun and firmly extrude **SikaTack-Panel** onto the surfaces in the form of a triangular fillet (pre-cut shape in nozzle).
- * Bring both surfaces together and apply pressure to compress triangular fillet to the required bondline thickness.

Also refer to BASA/CIRIA application guidelines.

IMPORTANT CONSIDERATIONS

- * **SikaTack-Panel** should not be used for structural glazing.
- * Protect the finished joint from water for at least 12 hrs.
- * Bonded elements may require additional holding or support during curing period.
- * **SikaTack-Panel** may be overpainted. However some coatings may crack if movement occurs, preliminary tests recommended.
- * Do not use **SikaTack-Panel** in contact with materials containing bitumen or pitch.

CLEANING

Clean tools immediately with **Sika Cleaner 205**.

PACKAGING

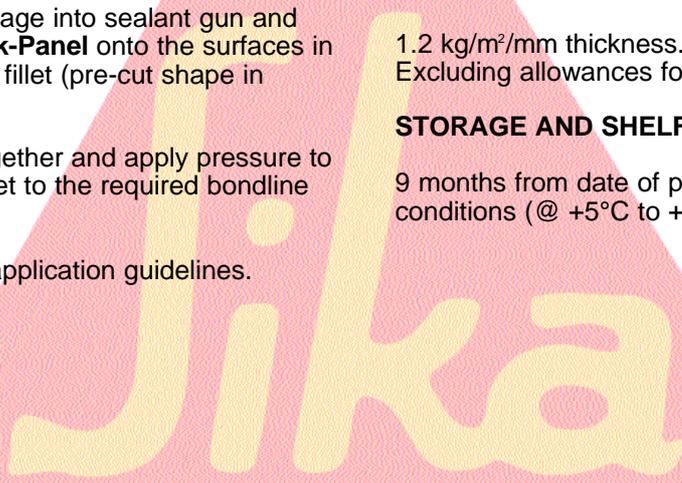
Refer to latest price list.

CONSUMPTION

1.2 kg/m²/mm thickness.
Excluding allowances for loss, wastage and surface profile.

STORAGE AND SHELF LIFE

9 months from date of production if stored in cool, dry conditions (@ +5°C to +30°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.com

