

PRODUCT DATA SHEET

Sika® Clear Fix

PERFECTLY CLEAR, HYBRID POLYMER GRAB ADHESIVE

PRODUCT DESCRIPTION

Sika® Clear Fix is a clear hybrid polymer grab adhesive that has the ability to bond just about everything for both interior and exterior applications. With added UV stabilisers the product Sika® Clear Fix is the ideal choice for applications where transparency is required, and where a coloured product might otherwise remain visible. It is a versatile product which can be used in almost every application imaginable – even when immersed under water. Sika® Clear Fix is quick-curing, resistant to a wide temperature range, overpaintable and totally water and weatherproof.

USES

Bonding in almost every application imaginable. The following are just some examples:

- As a high quality nail replacement adhesive, even to damp surfaces.
- Bonding mirrors to most common substrates.
- Jointing cladding panels.
- Any application requiring high performance, durable bonding of joints.
- Applications where resistance to chemical spillage is required.
- Interior and exterior use.

CHARACTERISTICS / ADVANTAGES

- Incredible initial grab, no slip, and gap-filling properties.
- High bonding strength.
- Can be applied to wet surfaces.
- Totally waterproof & weatherproof.
- Quick curing.
- Overpaintable with some acrylic paints if required.
- Resistant to chemicals (10 % dilute acids/alkalis, petrol, most solvents).
- Excellent primer-less adhesion to most surfaces including metals, some plastics, glass, concrete, plaster, plasterboard, wood, enamel, painted surfaces and more.

PRODUCT INFORMATION

Chemical Base	Hybrid polymer
Packaging	290 ml cartridge
Colour	Clear
Shelf Life	12 months in original unopened packaging.
Storage Conditions	Store in cool dry conditions between + 5 °C and 25 °C.
Density	ca. 1.01 g/cm ³

TECHNICAL INFORMATION

Shore A Hardness	35 - 45
Service Temperature	-40 °C to +70 °C
Elongation at break	ca. 400 % (ISO 37)
Sagging	0 mm (20 mm profile at +23 °C) ISO 7390
Ambient Air Temperature	+5 °C to +40 °C
Cutting Time	ca. 3 mm per 24 hours in depth (@ +23 °C/50 % r.h.)
Skin Time	~10 mins
Consumption / Yield / Dosage (PRINT single line)	Approximately 10.5 linear metres for a 6 mm diameter bead.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

- Always use in conjunction with mechanical fixings for overhead applications.
- Use in conjunction with mechanical fixings for large mirrors (>0.5 m² total area).
- For heavy items, provide temporary support until adhesive has dried.
- In areas of high temperature / UV some darkening/discolouration may occur.
- This does not affect the performance of the sealant.
- Do not seal mirror edges/plastic sheeting until adhesive has cured.
- Overpaintability: check compatibility with specific paint first before overpainting large areas.
- Do not use on surfaces that bleed oils or plasticizers.
- It is the user's responsibility to determine suitability for use. If in doubt, please contact Technical Services Department for advice.
- Not for use as part of a structural glazing system.
- Not for use in aquarium manufacture. Use AQUA MATE®.
- Not for use in conjunction with bitumen, or asphalt. Use WEATHER MATE®.
- Do not use in conjunction with undiluted bleach, this can cause discoloration of product.
- Not suitable for use in or around chlorinated water.
- Yellowing can occur in the dark.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean and dust free. Wet bonding can be performed with this product for temporary / emergency use but bond performance may be reduced.

APPLICATION METHOD / TOOLS

Cut the tip of the cartridge taking care not to damage the thread. Fix nozzle, cut aperture to required width and apply with a standard sealant gun.

As a nail replacement (panel) adhesive. Surfaces must be sound, clean, dry and free from dust, grease, loose material etc.

- Prime dusty surfaces with Sikabond® PVA+ diluted 1:4 with water and allow to dry.
- Apply using a standard sealant gun: cut tip of cartridge, apply nozzle and cut an opening to suit the required bead size.
- For bonding heavy items (plasterboard/worktops/wall panels, etc) apply adhesive all around the edge of the item (30-50 mm from edge) and cover the back with beads of adhesive at 300 mm intervals. Alternatively, apply adhesive direct to battens and press into place. NOTE: With heavy items, always provide temporary support until the adhesive dries.
- For bonding lightweight items (coving, dado rails, skirting, etc) apply adhesive to back of item in one or two continuous beads and press immediately into place.
- Where gap-filling is required, mark areas where there is a large gap and apply a thicker bead to these areas.
- In all cases, clean up excess adhesive immediately with Sika® Wonder Wipes or a cloth/white spirit.
- Fixing mirrors Apply 6 mm diameter beads of sealant direct to the back of the mirror in vertical strips, spaced at 30-40 mm centres. Immediately place mirror in position and secure with good, even pressure and with a slight twist action. Provide temporary support (tape) until adhesive has dried (24-48 hours). If required, Sika® Clear Fix may also be used to seal around the mirror 24 hours after fixing (to allow for cure). Full cure must be allowed before overpainting.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

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 accordance with Sika's recommendations. 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 user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Product Data Sheet

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