

SIKA MAXTACK® SUPER CHARGE



Product Description

SIKA MAXTACK SUPER CHARGE is a one part, chemically curing solvent free adhesive combining the best qualities of silicone and polyurethane technologies . It is specifically designed for adhering most common building surfaces to each other and themselves whilst delivering rapid through cure and is quickly tack free.

Benefits

- High bonding strength
- Interior and Exterior Use
- Twice as fast as most common MS adhesives on the market
- Over paintable if required
- Solvent Free
- Resistant to temperature extremes -40°C to + 90°C
- Permanently Flexible.
- Excellent primer less adhesion to most surfaces
- Meets EMICODE EC1^{plus}, very low emissions

Areas of Use

- As a high quality nail replacement adhesive.
- Bonding and seam sealing in metal fabrication.
- Bonding mirrors to most common substrates.

Limitations

- Use on overhead applications – Always use in conjunction with mechanical fixings.
- For heavy items, provide temporary support until adhesive has dried.
- Do not seal mirror edges/plastic sheeting until adhesive has cured.
- In areas of high UV; some darkening/discolouration may occur. This does not affect the performance of the sealant
- Overpaintability: check compatibility with specific paint first before over painting 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.
- Not for use in conjunction with bitumen, or asphalt.

Surface Preparation

All surfaces must be clean and dust free. Surfaces may be damp, but have no standing water apart from emergency repair.

Application

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.

Bonding Applications

- Surfaces must be sound, clean, dry and free from dust, grease, loose material etc.
- Apply using a standard sealant gun, cut tip of cartridge, apply nozzle and cut an opening to suite the required bead size.
- For bonding heavy items (Plasterboard, wall panels etc.) apply adhesive all the way around the edge of the item (30-50mm from edge) and cover back with beads of adhesive at 300mm 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 apply adhesive to back of item in one or two continuous beads and press immediately into place.
- Where gap filling is required, mark the areas where there is a large gap and apply a thicker bead to these areas.
- In all cases, clean up excess adhesive immediately with a cloth/white spirits

Specific Data

Consistency	Paste
Density	1,48 ± 0.05
Application temperature	5 to 35 °C
Skin formation at 23 °C and 50 % RH	10 - 20 min
Sagging (ISO 7390)	Nil
Curing at 23 °C and 50 % RH	> 3 mm/24 h
Shore A hardness (ISO 868 – 3 seconds)	55-60
Modulus at 100 % elongation (DIN 53504)	~ 1 MPa
Elongation at break (DIN53504)	>500 %
Shrinkage (ISO 10563)	<5 %
Compatibility with paints	Water based: yes (test compatibility) Solvent based : no (with alkyd paints)
Temperature resistance	-40 to + 90 ⁰ C
Coverage	Approximately 11 linear meters per cartridge



Health and Safety

- Data sheet available for professional user on request.

Storage

Store in cool dry conditions between + 5°C and 25°C.

Shelf Life

12 months in original unopened containers.

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies,

Omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired.

Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application.

Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that

The information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product.

Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with

The stipulations set out in our general sales conditions.

The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information

Provided verbally by telephone to any prospective or existing customer.