BUILDING TRUST

PRODUCT DATA SHEET

Everbuild Tecnic® AntiPick 109

Pick-resistant sealant for low movement joints

PRODUCT DESCRIPTION

ANTI PICK 109 is a one-part, chemically-curing, sealant based on Everbuild Hybriflex technology, combining the best qualities of silicone and polyurethane. Anti Pick 109 has been specifically formulated to provide a degree of resistance to finger picking, answering the need for a harder-to-pick by hand seal (in comparison to traditional sealants) where a small movement accommodation is required.

USES

- Secure environments i.e. prisons & hospitals where the sealant is hard to reach or the person is under supervision.
- Municipal and public areas.
- Perimeter sealing of doors, windows.
- Joints in heavy cladding.

CHARACTERISTICS / ADVANTAGES

- Excellent impact and wear resistance.
- Resistant to picking by fingers.
- Excellent primerless adhesion to most surfaces, including metals, most plastics and glass.
- Excellent resistance to chemicals & petrol (10 % dilute acids, alkalis, most solvent).
- Overpaintable with certain paints (compatibility test should be made).
- Can be applied on damp surfaces.
- High mechanical properties.
- Passed for use on different home office, National Offender management services and Ministry of Justice projects.

Consistency	Paste
Shrinkage (ISO 10563)	<5 %
Compatibility With Paints	Water Based: Yes (test compatibility) Solvent Based: No (with Alkyd Paints)

APPROVALS / STANDARDS

UKCA / CE Marked under EN15651 part 1 classes F20HM and use in cold climates.

PRODUCT INFORMATION

Chemical Base	STP
Packaging	295 ml Cartridge
Shelf Life	12 months from date of manufacture when stored as directed.
Storage Conditions	Store in cool, dry conditions between +5 ˚C and +25 ˚C. Storage outside these parameters will dramatically reduce shelf life.
Colour	White, Soft Linen and Grey
Density	~1.42 g/cm³

TECHNICAL INFORMATION

Tensile Strength	> 1.3 N/mm² (ISO8339)
Tensile Modulus of Elasticity	~1 MPa at 60% elongation (ISO 8339)
Movement Capability	±20 % (ISO9047)
Elastic Recovery	> 80 % (ISO7389)
Service Temperature	-40 °C to +100 °C
Resistance to Weathering	Resistance to UV Radiation - Good
Joint Design	**Joint Dimensions** For maximum movement accommodation, it is recommended that: 1. The sealant joint depth should be no less than 5 mm. 2. Joint depth should be 5 mm for joints up to 10 mm wide. 3. Joints above 10 mm in width should be half the width in depth up to 20 mm and minimum 10 mm for wider joints. Joint depth may be adjusted to the correct size using EVERBUILD JOINT BACKER ROD. **Joint Width Calculation** Joint widths are calculated as in BS6213: Width = $\frac{M \times 100 + M}{F}$ Where M = movement and F = movement accommodation factor

APPLICATION INFORMATION

Consumption	~10.4 m linear bead of 6 mm diameter
Sag Flow	Nil (ISO7390)
Ambient Air Temperature	+5 °C to +35 °C
Curing Time	2 mm / 24 hour at @ +23 °C and 50 % RH
Skin Time	30 ± 10 Min @ +23 °C and 50 % RH

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

- Adhesion (and overpaintability) trials are recommended prior to full scale application.
- It is the user's responsibility to determine suitability for use. If in doubt, please contact Technical Services Department for advice.
- Yellowing can occur in predominantly dark conditions.
- In areas of high UV some darkening/ discolouration may occur. This does not affect product performance.

ECOLOGY, HEALTH AND SAFETY

Data sheet available for professional user on request.

APPLICATION INSTRUCTIONS

Primer

Priming is not always necessary; but if in doubt use a suitable primer as directed prior to application, especially when joints are to be immersed or require a high movement capability. For mortar/concrete use Sika Primer 3-N. If desired use Sika Aktivator 205 on non porous substrates.

SUBSTRATE PREPARATION

All surfaces must be clean and dust free. Preliminary adhesion tests are strongly recommended prior to full scale application. Surfaces may be damp, but must have no standing water. For most substrates, priming is not required, however, if in doubt contact our technical department.

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 cur-

rent 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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