

PRODUCT DATA SHEET

EVERBUILD TECNIC[®] STAYSEAL 75 NON PICK

A TWO-PART EPOXY, CURING TO FORM A HARD, PICK- AND CHEMICAL-RESISTANT FINISH

PRODUCT DESCRIPTION

EVERBUILD TECNIC[®] STAYSEAL 75 NON PICK is a two-part epoxy which cures to form a hard, pick-resistant joint accommodating limited movement in extension and compression.

USES

- Secure environments giving vandal resistant joints.
- Perimeter securing of cell windows, doors and sanitaryware.
- Swimming pools.
- Compression joints in shower rooms and areas where long-term immersion in water is likely.

CHARACTERISTICS / ADVANTAGES

- Excellent impact, wear and chemical resistance
- Resistant to picking
- Passed for use on different Home Office, National Offender Management Services and Ministry of Justice projects.
- Smooth, glossy finish
- Suitable for permanent water immersion

Compressive Strength ca. 50 N/mm²

PRODUCT INFORMATION

Packaging	1.2ltr (total volume when mixed together)
Colour	Grey and White
Shelf Life	24 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.
Density	ca. 1.5 g/cm ³ at 20°C

TECHNICAL INFORMATION

Shore D Hardness	70 ± 5
Tensile Strength	ca. 17 N/mm ²
Elongation at Break	ca. 34%
Chemical Resistance	Resistant to most alkalis and dilute acids, petrol and diesel. Resistant to most cleaning chemicals used in swimming pools. Neat hypochlorite crystals should not be applied to the product.

Service Temperature	-20°C to +90°C
Joint Design	Joint Width: 6 - 20mm Joint Depth: 10mm (porous surface) or 6mm (non-porous surface)

APPLICATION INFORMATION

Consumption	A 1.2 litre unit is sufficient to fill 1 litre of joint. i.e. 10 linear metres @ 10mm x 10mm	
	Joint Size (mm)	Litre per Metre Run
	6 x 6	27.75
	9 x 6	18.50
	12 x 9	9.25
	18 x 12	4.75
	24 x 24	1.75
Ambient Air Temperature	+10°C to +40°C	
Pot Life	30 minutes @ 20°C	
Curing Time	48 hours @ 25°C	

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Ensure surfaces are free from flaking material, dust, rust and grease. Degrease if necessary. During use, ALWAYS wear impervious gloves and read safety warnings.

MIXING

Always add the complete contents of the Part B tin into Part A. Mix until homogeneous. Spiral pig tail mixing is recommended.

APPLICATION METHOD / TOOLS

Once mixed, place the follower plate provided over the top of tin containing the mixed material. Cut off tip of cartridge and place over the hole in centre of follower plate and apply even downward pressure, thus filling the cartridge. Insert plunger into cartridge and apply using suitable sealant gun. Refill when empty.

CLEANING OF TOOLS

Clean tools etc with xylene.

LIMITATIONS

Not recommended for structural joints.
Not recommended for expansion joints.
On application, surface bubbles may appear in joints during the curing process. Should this occur, re-tool joints after 30—60 minutes to reduce effect.

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.

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 the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

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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