



Technical Data

STAYSEAL 75 NON-PICK

Two Part, Pick-Resistant Epoxy Sealant



Description

STAYSEAL 75 NON-PICK is a two-part easy to mix epoxy sealant which cures to form a hard, pick-resistant seal accommodating small movement in extension and large movement in compression.

Benefits

- 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

Recommended For

- Secure environments giving a vandal resistant seal.
- Perimeter sealing of cell windows, doors and sanitary ware.
- Swimming pools.
- Compression joints, shower rooms. Areas where long-term immersion in water is likely.

Specific Resistances

UV Resistance - Good.

Chemical Resistance - As detailed on Specific Data Table overleaf.

Flammability - STAYSEAL 75 NON-PICK burns but will not readily ignite; it does not therefore constitute a fire hazard.



Available in

1.2L Tin in the following colours:

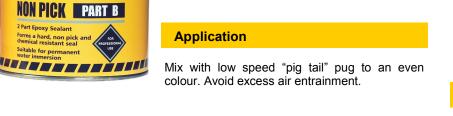
Brilliant White Grey

Storage

Store in cool, dry conditions between +5°C and +25°C. Storage outside these parameters will dramatically reduce shelf life.

Shelf Life

24 months from date of manufacture when stored as directed.





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Health & Safety

Handle with care. Read material safety data sheet before use.

Joint Dimensions

Joint Width:	6 - 20mm
Joint Depth:	10mm (porous surface) 6mm (non-porous surface)

Surface Preparation

Ensure surfaces are clean, dry and free from loose material, dust, rust and grease. Use a proprietary degreaser if necessary.

Specific Data

Colour	White / Grey
Application Temperature	+10 to +40°C
Service Temperature	-20 to +90°C
Shore D Hardness	60 - 70
Compressive Strength	50 N/mm² @ 7 days (20°C)
Tensile Strength	15 N/mm² @ 7 days (20°C)
Pot Life	30 minutes @ 20°C
Cure Time	48 hours @ 25°C
Chemical Resistance	Resistant to most alka- lis and dilute acids, petrol and diesel. Re- sistant to most cleaning chemicals used in swimming pools. Neat hypochlorite crystals should not be applied to the product.
Movement Accommodation	5% - tension 50% compression

Joint Width Calculation

Joint widths are calculated as in BS6213:

Width = $\frac{M \times 100}{F}$ + M

Where M = movement and F = movement accommodation Factor

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.

Coverage

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

Primer

Priming is not always necessary; but if in doubt use a suitable primer as directed prior to application.

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