

- Dries Clear
- 1000% Elongation
- Non Toxic
- Low VOC
- Flexible
- Exterior/Interior
- Easy to apply
- Water clean-up
- ASTM C-834-76
- Mildew Resistant
- Paintable

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Hyperclear

One-Part Siliconised Acrylic Latex Sealant

Description

Pasco *Hyperclear* is a unique siliconised acrylic sealant designed for both interior and exterior use. When applied it goes on white and cures to form a clear flexible seal that can be painted. It forms a tough, flexible and resilient bond to most building material surfaces. Once fully cured it forms a clear flexible seal that exhibits excellent resistance to water, weathering and moisture vapour, with excellent UV resistance.

Features/Benefits

- Superior adhesion
- Dries Crystal Clear
- Mould / Mildew resistant
- Low odour
- Easy to apply
- Easy to tool
- Over 1000% elongation
- Polystyrene Safe
- Flexible
- Non-toxic
- Passes C-834-76
- Interior/Exterior
- Paintable
- Water clean-up
- Low VOC
- Non-Staining

Uses

- Sealing construction and expansion joints
- Sealing of render mouldings.
- Perimeter sealing of door and window frames
- Sealing of polycarbonate sheeting

Standards

Hyperclear has been tested and approved in accordance to:

- ASTM C-834-76

APPLICATION INSTRUCTIONS

Substrate preparation

All surfaces must be clean, dry, sound and free from dust, oil, rust, old sealant or any other contamination. Avoid contamination of waterproofing, form release and curing agents.

Joint Design

For movement joints open cell polyethylene backing rod shall be used to control the depth of the joint sealant application to the recommended thickness. Correct joint design is necessary to ensure sealants do not split or tear.

The size of the open cell backing rod used shall allow for 25% compression when inserted into the joint.

Joint Width

6mm to 10mm
10mm to 20mm
20mm to 30mm

Joint Depth

Equal to joint width
10mm
Half of joint width

Hyperclear

Application

Hyperclear shall be installed using conventional caulking tools, materials and methods.

Immediately after application, tooling is recommended to ensure firm, full contact of sealant with the inner faces of the joint and backing material. Dry tooling is preferred using a tool with a convex shape to ensure correct sealant profile.

Remove immediately all excess sealant and smears adjacent to the joint using water as work progresses.

Curing

Do not apply when rain exposure is likely within 24 hours of application. Full cure is achieved after 7 days at 25°C and 50% RH. Curing time is dependant on temperature and size of joint.

Painting

Hyperclear is paintable after full cure is achieved.

Precautions

- Do not apply below 5°C or if temperature is above 35°C
- Not to be used for joints subjected to temporary or permanent immersion in water.
- Not to be used in joints subject to foot or vehicular traffic.
- Ensure backing rod is dry and joint is capped prior to application as excessive moisture will inhibit the curing process.

Packaging

Hyperclear is available in 300ml cartridges.

Colour

Hyperclear is available in Clear

Clean Up

Tools and excess sealant can be cleaned with water, while still wet. Cured material may be removed by mechanical means.

Shelf Life

12 months minimum, when stored in cool, dry conditions below 25°C.

Health and Safety

Keep out of reach of children. Wear suitable protective clothing, gloves and eye/face protection. Uncured sealant may cause skin, eye and respiratory system irritation. Use only in well ventilated areas.

In case of contact with eyes, rinse immediately with plenty of water and contact a Doctor or Poisons Information Centre (**Ph 13 11 26**). In case of skin contact, wash affected area with hand cleaner followed by soap and water.

Safety Data Sheets must be read and understood prior to using **Hyperclear**.

Hyperclear Technical Specifications		
Property	Test Method	Result
% Non-Volatile, by weight		81%
% Volume Shrinkage	ASTM C-733-87	28%
pH		8.0
Tack-Free Time	ASTM D-2377-84	<25 min
Weather resistance	ASTM C-732-82	No washout, discolouration, adhesion loss or cracking after 500 hrs weathering
Low Temperature Flexibility	ASTM C-734-82	No cracking through to substrate or adhesion loss
Extrudability after Package Ageing	ASTM C-731-87	16.1gm/sec.
Volatile Organic Content (VOC minus water)		28gm/Litre
Extrudability	ASTM C-731	10.2gm/sec.
Extension Recovery	ASTM C-736	92.7%
Slump	ASTM D-2202	0.08 inches
Staining	ASTM D-2203	0

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