



Hypercryl 363

One-Part Siliconised Acrylic Latex Sealant

Features

- ▶ 45 Year Durability
- ▶ Siliconised
- ▶ Non-Toxic
- ▶ Low VOC 129g/L
- ▶ Flexible
- ▶ Exterior/Interior
- ▶ Easy to Apply
- ▶ Water clean-up
- ▶ ASTM C-834-76
- ▶ Mildew Resistant
- ▶ Paintable

Product Description

Pasco **Hypercryl 363** is a siliconised acrylic latex sealant designed for both interior and exterior use. It forms a tough, flexible and resilient bond to most building material surfaces. Once fully cured it forms a flexible seal that exhibits excellent resistance to water, weathering and moisture vapour, with excellent UV resistance.

Features & Benefits

- Superior adhesion
- Range of colours
- Mildew resistant
- Low odour
- Easy to apply
- Easy to tool
- 45 year durability
- Flexible
- Non-toxic
- Passes C-834
- Interior/Exterior
- Paintable
- Water clean-up
- Low VOC 129g/L

Uses

- Sealing construction and expansion joints
- Sealing joints in pre-cast panels
- Hollow concrete block walls
- Masonry brick walls
- Perimeter sealing of door and window frames

Standards

Hypercryl 363 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

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 closed cell backing rod used shall allow for 25% compression when inserted into the joint.

| Joint Width | Joint Depth |
|--------------|----------------------|
| 6mm to 10mm | Equal to joint width |
| 10mm to 20mm | 10mm |
| 20mm to 25mm | Half of joint width |

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Coverage

Meters per 600ml sausage (approx.)

| Joint Depth | Joint Width (mm) | | | | | | | |
|-------------|------------------|------|-----|-----|------|------|-----|--|
| | 6 | 8 | 10 | 12 | 15 | 20 | 25 | |
| 6mm | 16.6 | 12.6 | 10 | 8.4 | 5.7 | 5 | 4 | |
| 8mm | 12.6 | 9.4 | 7.6 | 6.2 | 5 | 3.76 | 3 | |
| 10mm | 10 | 7.5 | 6 | 5 | 4 | 3 | 2 | |
| 12mm | 8.4 | 6.2 | 5 | 4.2 | 3.34 | 2.5 | 1.9 | |

Application

Hypercryl 363 sealant 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 applications. Full cure is achieved after 7 days at 25°C and 50% RH. Curing time is dependant on temperature and size of joint.

Painting

Hypercryl 363 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

Hypercryl 363 is available in 600ml sausages, 16 sausages per carton.

Colour

Hypercryl 363 is available in Off White, Fawn, Grey, Pale Brown, Sandstone, Mocca, Cedar, Redwood, Espresso & Bronze.

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.



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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.

Material Safety Data Sheets must be read and understood prior to using **Hypercryl 363**.

| Hypercryl 363 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 | SCAQMD Method 304-91 | 129gm/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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