Technical
Data Sheet
November 2022

Crommelin®
Waterproofing & Sealing

Superseal

Flexible closed cell polyurethane foam for void sealing.

DESCRIPTION

Superseal is a premium, permanently flexible, closed cell polyurethane foam. It provides a positive seal against dust, vermin, moisture, vibration and air. Available in a range of sizes and profiles, Superseal joints tolerate large movement and remain permanently flexible.

ADVANTAGES

Superseal delivers the following advantages;

- Highest water resistance of all tested PU foam closures.
- Up to 30 times better water penetration resistance than bitumen or acrylic impregnated foams.
- Greater flame resistant than comparable foams.
- Uniform cell structure with tighter cell construction than standard PU foams.
- Clean, non tacky, no mess, lightweight, easy to use.
- More environmentally friendly than traditional PU foams with lower emissions.
- Good temperature resistance.
- Low permanent deformation.
- Custom profiles available upon request.
- Self adhesive backing available upon request.

AREAS OF USE

Superseal is suitable for use in the following areas;

- Metal Roofing
- Skylights
- Air Conditioning Ducts
- Partitions
- Window & Door Frames
- Precast Concrete Panels
- Expansion Joint Filler
- Computer Room Dust Sealing
- Construction of Pre-Fabricated Units (housing units, buses, caravans etc.)

TECHNICAL DATA (@ 25°C)

Properties	Method	Typical Value
Density (Kg/m3)	ISO 845	33
CLD	ISO 3386	8,5
Tensile Strength (KPa)	ISO 1798	165
Elongation at Break (%)	ISO 1798	145
Fogging (mg)	Gravimetric	0,3
Cell Size (# cells/cm)		35
Air Permeability (L/min.)	RF Method (10mm/3m Bar)	1
Combustibility (mm/1 min)		≤ 100
U Test (mm/30min)	10mm/50% compression	≥ 25
Flammability Index	AS 1530.2-1993	7

Superseal

Flexible closed cell polyurethane foam.

SPECIFICATIONS

Profile	Length
25mm x 25mm	2m
30mm x 30mm	2m
40mm x 18mm	2m
50mm x 50mm	2m
70mm x 45mm	2m
Custom Orb	0.965m
Spandeck (Ridges and Eaves)	1.019m
Trimdeck (Ridges and Eaves)	0.940m

NOTE: Other profiles and sizes are available on request. Also available with self adhesive backing on request.

APPLICATION

- When installing and fixing, ensure foam profile used and fixing pressure results in a minimum 30% compression of Superseal.

TRANSPORT AND STORAGE

- Size: Refer to Specifications
- DG Class: N/A
- Flash Point: N/A
- UN Number: N/A
- Cool and Dry Storage

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Customers need to undertake their own assessment to determine the suitability of a product for the intended use. As the performance of any product is subject to a wide variety of different surface types as well as environmental and surface-specific conditions, it is essential that a sample of the product be applied to the intended area of use to ensure it is acceptable in appearance and finish and that it performs as required on the specific surface.

Crommelin® also reserves the right to update information without prior notice, to reflect ongoing research and product development.