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Technical Data

Properties	Test Description	Typical Value
Density (kg/m^3)	ISO 845	31 - 37
Compresssion Load Deflection (CLD)	ISO 3386	4.3 - 10.3
Tensile strength (kPa)	ISO 1798	100
Elongation at break (%)	ISO 1798	100
Cell size (# cells/cm)	CAL I127.29 (l/cm)	32
Air permeability (l/m^2/s)	ISO 9237 (10mm-100Pa)	10
Combustability (mm/1 min)	ISO 3795	≤ 100
Flammability Index	AS1530.2-1993	7

Crommelin Heritage

Crommelin is the leading Australian waterproofing and sealing specialist, with a trusted 50 year history of providing high quality and innovative products to the commercial construction industry.

All Crommelin products are specifically engineered to perform in conjunction with Australian construction materials and under harsh Australian environmental conditions.

Innovation

Crommelin is at the forefront of technical advancement within the waterproofing and sealing industry. Our team of industrial chemists continue to develop cutting edge technologies, raising the standards of consistency, performance and reliability.

International Commercial Expertise

The Crommelin product range is continually specified on major residential, commercial and infrastructure projects nationally and internationally. Crommelin products are specified for use globally and have been successfully applied in numerous internationally acclaimed projects.

Specifications

All project requirements and site conditions are unique. Crommelin actively partners with customers to provide product and specification information individually suited for each job.

Customised product development, specification, education, application and on-site technical advice are just a few areas in which Crommelin can support your project along every step of the way.

Service & Support

Crommelin customers are supported by a highly trained team of commercial business development professionals. Products are available nationally, with state service centres located in NSW, QLD, VIC and WA.

A 7 day technical support hotline is also available, to assist with product selection and application enquiries.

While the information contained herein is to the best of our knowledge, true and correct at the time of press, no warranty is given or implied in connection with and recommendation of or suggestion made by us or our representatives, as the conditions of use and any labour involved in application are beyond our control. Furthermore, the accuracy of the information contained herein may alter with any technical improvements.

Product Warranty

All Crommelin products are engineered to deliver long term performance and durability. In conjunction with project specifications, on-site support and maintenance schedules, Fibroseal warranties are available for up to 10 years.

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Quality Endorsed Company
ISO 9001
QEC 2115

Crommelin Waterproofing & Sealing

7 day free call technical advice: 1800 655 711

Crommelin® Waterproofing & Sealing

Superseal System

Polyurethane foam

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Superseal

Superseal - closed cell polyurethane foam

Superseal is a premium, highly flexible, closed cell polyurethane foam, engineered to provide a positive seal against dust, moisture, vibration, air and vermin. Superseal is designed to tolerate large building movements, whilst remaining permanently flexible.

Areas of Use:

- Metal roofing
- Window and door frames
- Pre-fabricated construction, including units, buses and caravans
- Air conditioning installations
- Partitions
- Computer room sealing
- Expansion joint filler
- Precast concrete panel construction
- Skylight installations

Advantages

- Uniform structure with tight cell construction
- Superior water resistance compared to open cell foam
- High flame resistance
- Clean, non-tacky, no mess and light weight installation
- Environmentally friendly, compared to bitumen impregnated and other polyurethane foams
- High temperature resistance
- High recovery and low permanent deformation

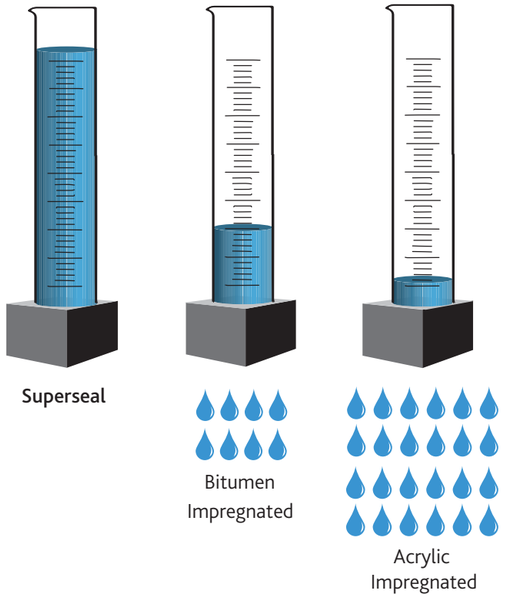
Disadvantages of Bitumen Impregnated and Open Cell Foams

- Bitumen is combustible
- Exposure to extreme heat and UV radiation dramatically reduces lifespan
- High cost
- Toxic fume release during combustion
- General requirement to protect with an additional thermal barrier
- Contain HCFCs and HFCs
- Manufactured from petrochemicals and include fossil fuels
- R-value (thermal resistance) diminishes with age

Benefits and areas of use

Superior water resistance

Superseal's resistance to ponding water is proven to be 20 x better than bitumen impregnated foams and 30 x better than acrylic foams.



Popular profiles

- Custom Orb x 1m
- Speedeck Eaves / Ridges x 1.02m
- Trimdeck Eaves / Ridges x 0.94m
- 25mm x 24mm x 2m
- 30mm x 30mm x 2m
- 40mm x 40mm x 2m
- 50mm x 25mm x 2m
- 50mm x 50mm 2m
- Many more profiles in stock

Profiles & custom design

Superseal is available as follows:

- A range of standard profiles and lengths
- Custom design to meet individual specifications and requirements
- Self adhesive backing available upon request
- Specific grades to meet individual requirements