

Proseries Acryseal

Description

Selleys Proseries Acryseal is an acrylic fire and acoustic rated sealant for perimeter and penetration seals in fire rated construction.

Product Information

Packaging	Size	Colour
Sausage	600ml	Off White

Uses

Proseries Acryseal is suitable for non-trafficable control joints in concrete, masonry and brick fire rated construction, penetrations and perimeter sealing in plasterboard and acoustic sealing.

Features

- Fire rated for up to 4 hours (for a 10mm x 10mm joint in concrete)
- Will not degrade acoustic walls that meet the BCA requirements
- Excellent adhesion to most building materials
- Paintable
- Low odour
- Water clean up
- Low VOC
- Halogen free
- Isocyanate free

Surface Preparation

Ensure substrates are clean, dry and free from oil, grease, release agents, dust and loose material.

Technical Details

Property	Typical Result
Technology	Water based Acrylic
Colour	Off White
Density	Approx. 1.55
Application Temperature	10°C - 35°C
Skin Time 23°C / 50% RH	approx. 30 mins
Elongation at break (ASTM D412)	approx. 300%
Tensile Strength (ASTM D412)	approx. 0.75 MPa
Movement Capability (ISO 9046)	+/- 15%
Fire Rating (AS1530.4-2005)	Up to 4 hrs
Acoustic Rating	>50 Rw
Indicative data only, not intended for preparation of specifications	

Directions for Use

Insert sausage into sausage gun and snip metal clip from one end.

Attach nozzle and extrude sealant smoothly into joint.

For fire rating, joint width should be between 10mm and 40mm. Minimum joint depth should be 10mm or half the width for joints wider than 20mm.

Install open cell polyurethane backing rod in joint to control sealant depth.

Allow the sealant to form a thick skin before painting with a flexible paint. To avoid paint cracking, the sealant should be allowed to fully cure before painting with flat and/or ceiling paint.

Note

For exterior applications protect from rain until sealant has developed a thick skin. Product must be painted over with a good quality exterior paint.

Proseries Acryseal

Tips

Joint & sealant dimensions:

The optimum width to depth ratio for joint sealing is 2:1.

Minimum joint width and depth is 10mm.

For joint widths up to 12mm, use a width to depth ratio of 1:1

For joint widths greater than 12mm, use a width to depth ratio of 2:1

Wider joints can accommodate more total movement than narrow joints.

Always install suitable diameter backing-rod (polyethylene or polyurethane foam rod) in joints to control sealant depth and ensure free movement of sealant in joints.

Sealant must adhere to sides of the joints only and NOT to the back, so that it is free to stretch.

To maximise durability in outdoor applications paint with a suitable exterior paint.

Limitations

- Not recommended for continuous submersion or below water line use.
- For exterior applications protect from rain until sealant has developed a thick skin and paint over with a good quality exterior paint.

Clean Up

Spills and tools can be cleaned up with water before product cures. To remove cured sealant, tools will need to be soaked in water followed by mechanical action.

Storage

Store in a cool dry place. Should not be stored below 0°C

Coverage

Estimation of lineal coverage per Proseries Acryseal sausage			
Joint Width (mm)	Joint Depth (mm)	Litre per lineal meter	Meters of Coverage
6	6	0.036	16.7
8	8	0.064	9.4
10	10	0.100	6
12	12	0.140	4.2
14	7	0.098	6.3
16	8	0.128	4.7
18	9	0.162	3.7
20	10	0.200	3
22	11	0.242	2.5
24	12	0.288	2.1
26	13	0.338	1.8
28	14	0.392	1.5
30	15	0.450	1.3
40	20	0.800	0.8

Warnings, First Aid and Shipping Information

This information can be located on the product SDS found through our website – www.selleys.com