

# Biyseal

# ACRYLIC IMPREGNATED POLYURETHANE FOAM

## DESCRIPTION:

Biyseal Acrylic is a high-density polyurethane foam impregnated with an acrylic solution, designed to provide a reliable seal against dirt, dust, moisture, vibration, drafts, and water when compressed. It maintains its elasticity indefinitely, adapting to joint movement by expanding and contracting as needed.

## USES:

Biyseal Acrylic provides an inexpensive and effective seal in many applications:

- Roof Cladding in all standard materials
- Back Channel foam for polycarbonate sheet installations
- Expansion Joints in concrete and brickwork
- Sealing around windows and doors adjacent to concrete, timber and brickwork
- Construction of caravans, motor vehicles, railway carriages
- Electrical installations exposed to weather
- Precast panels, air-conditioning, partitions

## PERFORMANCE DETAILS:

**Compression:** As compression increases, Biyseal Acrylic becomes more impermeable. As a guide, compression of:-

25% - sufficient for sealing against air, dust and vibration

50% - sufficient for a seal against moisture

75% - sufficient for sealing against heavy rain and water

**Recovery:** Biyseal Acrylic can be compressed to 10% of its original width and will recover to more than 90% after any number of cycles of compression and expansion.

**Compatibility:** Biyseal Acrylic is compatible with water based paints and mastics.

**Service Temperature:** Biyseal Acrylic can be used in a wide temperature range  $-10^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$

## DIRECTIONS FOR USE:

- Surfaces to which Biyseal Acrylic is applied should be clean and free of grease and oils
- Ensure that dimension of Biyseal Acrylic is correct for the joint size and compression required
- Compress by hand or roller before placing Biyseal Acrylic
- Biyseal Acrylic will expand quickly to fill and seal the gap
- When joining strips, splice ends with wet knife at an angle to join together
- Store away from dust and direct sunlight

## SIZES:

DIMENSIONS	LENGTH	CODE
25mm x 25mm	2 metre	3668e
30mm x 30mm	2 metre	3668M
40mm x 40mm	2 metre	3668s
50mm x 25mm	2 metre	3668f
50mm x 50mm	2 metre	3668q
20mm x 20mm	3 metre	3668Q
25mm x 20mm	3.6 metre	3668R
38mm x 25mm	3.6 metre	3668r
Custom Orb	2 metre	3668S
Other sizes available to order		



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