

BIYSEAL ACRYLIC ACRYLIC IMPREGNATED POLYURETHANE FOAM

DESCRIPTION:

Biyseal Acrylic is a high density polyurethane foam saturated with acrylic solution, which, when compressed provides a seal against dirt, dust, dampness, vibration, drafts and water. Biyseal Acrylic retains its elasticity indefinitely, expanding and contracting with the joint movement.

USES:

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

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

SIZES:

2 metres lengths, ranging in size from:
19mm x 19mm up to 50mm x 50mm
Other special sizes are available upon request

Biyseal Acrylic is also available in various roofing profiles, including Custom Orb, Trim-dek etc.

PERFORMANCE DETAILS:

COMPRESSION: As compression increases, Biyseal Acrylic becomes more impermeable. As a guide, compression of

- 25% is sufficient for air, dust and vibration
- 50% is sufficient for moisture
- 75% is sufficient for 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 TEMP: Biyseal Acrylic can be used in a wide temperature range -10°C to $+70^{\circ}\text{C}$

FIRE RESISTANCE: Compressed Biyseal Acrylic is self-extinguishing when compressed between non-inflammable materials

DIRECTIONS FOR USE:

- Store away from dust and direct sunlight
- When unpacking, allow material to lie for a period for maximum recovery
- 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