

DESCRIPTION

Inseal 3109 is a soft closed cell foam coated on one side with an acrylic pressure sensitive adhesive. It has a removeable paper release liner on the other non-adhesive side. Inseal 3109 has a soft foam making it ideal for sealing between irregular or uneven surfaces, and has very easy compression. 3109 creates a consistent lasting bond. Inseal 3109 will act as a water-seal and air/dust seal when compressed. It is available in black.

APPLICATIONS

- Suitable for anti-rattle and anti-vibration applications
- Forms a compression watertight seal
- Forms a compression air/dust seal
- Cushioning and gap-filling of irregular surfaces
- For preventing electrolytic corrosion
- For anti-slip mounting

BENEFITS

- Good resistance to dilute acid and alkalis
- Very good UV light resistance
- Resistance to abrasion, corrosion and moisture
- Suitable for indoor and outdoor environments
- No known hazards associated with this product
- Clean edge finish

PRODUCT APPLICATIONS

By hand direct from roll applying even pressure. Surface must be clean, dry and free from grease and dirt. Recommended cleaning agent is Propan-2-ol (IPA). Ensure compatibility of substrate with the solvent. Ideal bonding substrates are clean, dry, flat, smooth, dust-free and non-porous.

Low temperatures may increase risk of condensation, reducing the tack of the product, and the life expectancy of the product will vary with temperature and humidity.

Customers are recommended to make their own assessment of our products under their own conditions, for their own requirements.

Accreditation:

Conforms to European Directive 2000/53 EC (lead, chromium VI, mercury, cadmium free). Fire rated to DIN 4102 part 1, B3



SPECIFICATIONS	
SHORE HARDNESS "00" SCALE	25
COMPRESSION REQUIRED TO EFFECT SEAL	30% minimum
FORCE TO COMPRESS BY 30%	1.5 N/cm ²
COMPRESSION DEFLECTION AFTER ONE MINUTE	1.0 N/cm ²
10 MINUTE 180° PEEL ADHESION	5 N/25mm
TENSILE STRENGTH	28 N/cm ²
ELONGATION AT BREAK	< 170%
THERMAL CONDUCTIVITY (K)	0.055 Wm ⁻¹ K ⁻¹
CHEMICAL RESISTANCE	Good resistance to dilute acids and alkalis
UV LIGHT RESISTANCE	Very Good
SERVICE TEMPERATURE	-30 °C to +70 °C
RECOMMENDED APPLICATION TEMPERATURE	+10 °C to +40 °C
ADHESIVE THICKNESSES	Acrylic 3, 6, 9, 12mm

The information supplied is accurate to the best of knowledge and is based upon current data. Properties quoted are typical and do not therefore, constitute a specification. Customers are recommended to complete their own assessment of the product for its intended application under their own conditions. Please refer to the Conditions of Sale for further information.

The conditions under which this product is stored affect its performance. Storage should be in dry, well ventilated rooms with a reasonably consistent temperature around 20°C and protected from continuous exposure to direct sunlight. The product should always be applied to clean, dry and grease free surfaces.