

## EVERFLEX K11 POLYURETHANE SEALANT

### DESCRIPTION

K11 One part Polyurethane Sealant is a premium quality one component low modulus sealant designed to replace conventional one part Polysulphide sealants in most applications. The product remains permanently flexible to accommodate joint movement (25%) and adheres to most building surfaces, such as concrete, ceramics, wood, metal, uPVC etc. K11 Polyurethane Sealant is fast curing (3mm/day), can be overpainted when cured (if required) and is highly durable with excellent weathering properties and high resistance to atmospheric pollution. K11 Polyurethane sealant conforms to SNJF and ISO 11600 standards.

### BENEFITS

- \*Excellent adhesion to most building substrates.
- \*Non staining.
- \*Overpaintable.

### AREAS FOR USE

- For most construction, expansion and dilation joints in brickwork, stone and concrete structures, vertical and horizontal.
- Pointing of perimeter joints around timber window and door frames.
- Capping to beaded glazing systems.
- Sealing and pointing in roofline applications and to composite panels, metal panels and steel structures.
- Sealing and pointing pre-cast concrete panels.
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### LIMITATIONS

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- Do not use on surfaces that bleed oils or plasticisers.
- Do not use in conjunction with bitumen or asphalt - use WEATHERMATE sealant.
- Do not handle portable assemblies until the sealant is fully cured.
- It is the users responsibility to determine suitability for use. If in doubt, please contact Technical Services Department for

### SURFACE PREPARATION

All surfaces must be clean, dry and dust free. All loose or flaking surface coating, should be removed before application.

#### APPLICATION

- All surfaces to be sealed must be sound, dry and clean. The depth of the joint should be approximately 50% of the width to a minimum of 10mm on porous surfaces or 5mm on non-porous surfaces. Reduce joint depth with Fill and fix PU foam or PU backer rod.
- Pierce membrane inside tip of cartridge. apply nozzle, remove baseplate with screwdriver .
- Cut nozzle cleanly at an angle of 45 degrees with an opening slightly larger than the gap to be sealed.
- Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the gun trigger and keeping the gun at a constant angle to the surfaces to be sealed.
- To ensure a proper bond, always smooth down sealant using a spatula or piece of wood wetted with soap and water solution.  
Tool down within 15 mins of application.

#### SPECIFIC DATA

Slump:	Nil
Skinning time	15mins @ 25°C 50% R H
Cure time:	3mm/day
Bond strength (metal/metal)	1.0N/mm2
Specific gravity:	1.17
Hardness (Shore A) Paintability	25 Overpaintable
U.V/pollution . resistance:	Excellent
Joint movements; butt:	+ - 25%
Joint movements; lap:	+ - 50%
Application temperature range:	+5°C to + 50°C
Service temperature range:	-30°C to + 80°C
Chemical Resistance:	Water; Excellent. Acids, bases; hydrocarbons; good
Life Expectancy:	>20 years

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#### **HEALTH AND SAFETY**

Contains isocyanates. See information provided by the manufacturer. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. Do not ingest.

#### **STORAGE**

Store in cool dry conditions between + 5°C and 25°C.

#### **SHELF LIFE**

Use within 12 months.