

## **EVERFLEX EXTERNAL FRAME SEALANT**

### **DESCRIPTION**

EVERFLEX EXTERNAL FRAME SEALANT is an acrylic sealant, suitable for internal and external use around window and door frames. The product provides a permanently flexible long lasting seal that adheres to virtually all materials. It contains a powerful anti-fungicide to prevent mould growth, and can be overpainted.

### **BENEFITS**

- Permanently flexible
- Adheres to most surfaces.
- Mould resistant.
- Overpaintable.
- Easy clean up

### **AREAS FOR USE**

- Internal and external sealing around timber and metal window and door frames,
- Internal sealing around PVCu window and door frames.
- Sealing cracks and gaps in brickwork, stone and concrete.

### **LIMITATIONS**

- Not for use in conjunction with bitumen or asphalt.
- Not for use externally when rain is imminent (within 6 hours at 20°C, 24 hrs at 10°C.) Note that damp or humid conditions may significantly extend the cure.
- Do not attempt to abrade when cured.
- Do not overpaint until a surface skin has formed (allow 24 hours). Overpainting is recommended externally to prologue the working life of the product, but is not necessary.
- Note: this product is a flexible. Certain poor quality paints (especially certain vinyl mattes) have very little movement in the dry film. It is possible for the dry paint film to crack if movement is excessive.
- Do not use externally around PVCu – Use Silicone 450.

## SURFACE PREPARATION

All surfaces must be clean and dust free. All loose or flaking surface coatings, and old sealant and mastic joints, should be removed before application. Highly porous substrates such as new plaster should first be primed with Everbuild PVA bond diluted 1:4 with water. This product can be applied to slightly damp, but not wet surfaces.

## APPLICATION

Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut cleanly at an angle of 45° 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 surface being sealed. Smooth down within 20 minutes of application using a wetted spatula, piece of wood or wetted finger. Care should be taken at this point not to saturate the surface as this will delay drying. Any excess sealant etc., can be removed using a sponge and warm water.

## SPECIFIC DATA

<b>Form</b>	Ready to use thixotropic paste	
<b>Specific Gravity</b>	1.62 - 1.66	
<b>Elongation at Break (%)</b>	250-300%	
<b>Hardness (Shore A)</b>	Approximately 30	
<b>Tack Free Time</b>	15 to 60 mins, dependent on thickness, ambient temperature and humidity	
<b>Full Cure</b>	3 to 5 days, dependent on thickness, ambient temperature and humidity	
<b>Solids Content</b>	79%	
<b>Slump Resistance</b>	No slump at 25°C when placed in a 20mm x 10mm vertical channel	
<b>Application Temp. Range</b>	+4°C to +40°C	
<b>Service Temp. Range</b>	-15°C to +75°C	
<b>Chemical Resistance</b>	Dilute Acids - Fair	Dilute Alkaline - Fair
	Aliphatic Hydrocarbons - Fair	Aromatic Hydrocarbons - Poor
<b>Movement Accommodation</b>	Low to medium (+/- 12.5%)	
<b>Durability</b>	Up to 15 years when used as recommended	
<b>Shelf Life</b>	Up to 36 months when stored in unopened cartridges under cool dry conditions. <b>AVOID FROST</b>	
<b>Compatibility</b>	Can be used in contact with most building and decorating materials but should not be used against bituminous materials.	
<b>Limitations</b>	Should not be used in conditions of continuous immersion, below ground level, in areas of high abrasion (e.g. floor joints)	
<b>Classification</b>	Sealant ISO 11600 - F - 12.5P	

## HEALTH AND SAFETY

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- Do not ingest
- Keep out of reach of children.
- Product of low hazardous nature.
- Remove from skin with soap and water.

<b>STORAGE</b>
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Store in cool dry conditions and protect from frost.

<b>SHELF LIFE</b>
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Use within 3 years.