

# PRODUCT DATA SHEET

## EVERBUILD® External Frame Sealant

Acrylic sealant for internal and external use around window and door frames.

### PRODUCT DESCRIPTION

EVERBUILD® External Frame Sealant is a high quality acrylic based sealant that provides a long lasting, permanently flexible seal that can be overpainted when cured.

### USES

- 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.

### CHARACTERISTICS / ADVANTAGES

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

<b>Application Temp. Range</b>	+4°C to +40°C
<b>Form</b>	Ready to use thixotropic paste.
<b>Slump Resistance</b>	No slump at 25°C when placed in a 20mm x 10mm vertical channel

### PRODUCT INFORMATION

<b>Chemical Base</b>	Acrylic
<b>Packaging</b>	290ml Cartridge
<b>Colour</b>	White, Brown, Stone and Grey
<b>Shelf Life</b>	36 months from date of manufacture
<b>Storage Conditions</b>	Store in cool dry conditions and protect from frost
<b>Density</b>	1.6 - 1.7 g/cm <sup>3</sup>
<b>Solid Content</b>	~83%

### TECHNICAL INFORMATION

<b>Shore A Hardness</b>	Approximately 30	
<b>Elongation at Break</b>	>200% ISO8338	
<b>Movement Capability</b>	Low to medium (+/- 12.5%) EN15651-1	
<b>Chemical Resistance</b>	Dilute Acids - Poor Aliphatic Hydrocarbons - Fair	Dilute Alkaline - Poor Aromatic Hydrocarbons - Poor
<b>Service Temperature</b>	-15°C to +75°C	

# SYSTEM INFORMATION

Compatibility	Can be used in contact with most building and decorating materials but should not be used against bituminous materials.
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# APPLICATION INFORMATION

Curing Time	3 to 5 days, dependent on thickness, ambient temperature and humidity
Tack Free Time	15 to 60 mins, dependent on thickness, ambient temperature and humidity

## APPLICATION INSTRUCTIONS

### SUBSTRATE 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 METHOD / TOOLS

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 gloved finger. Care should be taken at this point not to saturate the surface as this will delay drying.

### CLEANING OF TOOLS

Any excess sealant etc. can be removed using a sponge and warm water.

## 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 minimum 1 hour). Overpainting is recommended externally to prolong the working life of the product especially in areas prone to high/low temperature variations.
- Note: this product is 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 or Puraflex 25

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## VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

## ECOLOGY, HEALTH AND SAFETY

Consult MSDS for full list of hazards

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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