

PRODUCT DATA SHEET

EVERBUILD® EVERFLEX® 175 Universal Acrylic Sealant

HIGH QUALITY UNIVERSAL ACRYLIC SEALANT

PRODUCT DESCRIPTION

EVERBUILD® EVERFLEX® 175 Universal Acrylic Sealant is an acrylic sealant, suitable for internal and external use that provides a flexible long lasting seal that adheres to virtually all materials, can be overpainted

USES

- Internal and external sealing around timber and metal window and door frames.
- PVCu profile, trim and cladding.
- Internal sealing around PVCu window and door frames.
- Sealing cracks and gaps in brickwork, stone and concrete.
- An adhesive for bonding polystyrene coving and tiles.
- An adhesive for bonding cork tiles and wood block flooring.
- Gap and crack filler prior to decorating.
- Sealing around baths and basins.

CHARACTERISTICS / ADVANTAGES

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

Form

Ready to use thixotropic paste, viscosity ca. 250,000cps

Slump Resistance

No slump ISO7390

Application Temp. Range

+4°C to +40°C

Limitations

Should not be used in conditions of continuous immersion, below ground level, in areas of high abrasion (e.g. floor joints).

APPROVALS / STANDARDS

Certified under the harmonized European standard EN15651 for façade and sanitary applications in compliance with the Construction Product Regulations.

PRODUCT INFORMATION

Packaging	300ml and 380ml Cartridge
Colour	White, Brown (only available in 300ml size)
Shelf Life	Up to 36 months when stored in unopened cartridges under cool dry conditions.
Storage Conditions	Store in cool dry conditions and protect from frost. AVOID FROST.
Density	1.67-1.71 g / cm ³
Solid Content	80 - 84%

TECHNICAL INFORMATION

Shore A Hardness	Approximately 40
Elongation at Break	>100% ISO8339
Movement Capability	Low to medium (+/- 7.5%) EN15651-1:2012
Chemical Resistance	Dilute Acids - Fair Dilute Alkaline - Fair Aliphatic Hydrocarbons - Fair Aromatic Hydrocarbons - Poor
Service Temperature	-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	Full cure from 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. Any excess sealant etc., can be removed using a sponge and warm water. Can be over-painted after approximately 1 hour.

Joint design should be as follows:

Minimum width: 6mm. Movement capacity will be impaired if the depth of the joint is greater than the width. For maximum movement accommodation, it is recommended that:

The joint depth should be no less than 5mm

Joint depth should be 5mm for joints up to 10mm wide

Joints above 10mm in width should be half the width in depth up to 20mm and minimum 10mm for wider joints

For deep joints, reduce depth by using EVERBUILD FIX AND FILL FOAM or a suitable joint backer rod.

All joints should be designed so that the seal is placed in a position which does not retain water or form a water trap. Triangular fillets should be no less than 12mm across the face and should be finished with a flat or convex face.

LIMITATIONS

- Protect from water for a minimum of 24 hours after application. Note that damp or humid conditions will significantly extend the cure time. Do not expose to water until fully cured. If a quicker cure is required, use GENERAL PURPOSE SILICONE (6 hour cure).
- Not for use in conjunction with bitumen or asphalt.
- Do not attempt to abrade when cured.
- Do not use around shower trays. Use GENERAL PURPOSE SILICONE for greater movement capabilities
- Do not overpaint until a surface skin has formed. Overpainting is not necessary.
- Note: this product is a flexible. Certain poor quality paints (especially certain vinyl matts) have very little movement in the dry film. It is possible for the dry paint film to crack if movement is excessive.

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 the 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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