

PRODUCT DATA SHEET

Sika® Plastix-48N Contractors Grade

Low modulus, neutral curing silicone sealant

PRODUCT DESCRIPTION

Sika® Plastix-48N Contractors Grade is a low modulus, neutral curing silicone sealant suitable for many construction applications, but particularly suited for all facade and roofline applications. Ideal for perimeter pointing of window and door frames, sealing plastic roofline areas and general weather sealing, it has good flexibility and excellent adhesion to all common window/door/roofline substrates. Available in the 3 most popular colours in facade/roofline applications, this is a great lower cost alternative that you can still have confidence in.

USES

- Perimeter pointing around uPVC, wood, aluminium and other types of window and door frames.
- Expansion joint sealing.
- Weather sealing and joint sealing of curtain walling and pre-formed façade panels.
- General sealing and draught proofing including repair work over existing sealant.
- Parapet and roofline weather sealing.
- Sanitary sealing.
- Sealing soft metals such as lead, brass, copper and zinc.
- General maintenance sealing of caravans and mobile homes.

PRODUCT INFORMATION

Packaging	300ml Cartridge
Colour	White / Translucent/ Teak
Shelf Life	Use 18 months from date of manufacture.
Storage Conditions	Store in cool dry conditions away from direct sunlight between 5°C and 30°C. Storage outside these parameters will dramatically reduce the shelf life.

TECHNICAL INFORMATION

CHARACTERISTICS / ADVANTAGES

- Excellent primerless adhesion to all common building substrates, porous and non-porous.
- Internal and External use.
- Fast curing.
- Low dirt pick up.
- Excellent break off and tooling.
- Good flexibility +/- 12.5%.
- Waterproof.
- Weather resistant.
- UV resistant.
- Chemical resistant.
- Suitable for use with glass, lead, polycarbonate, and acrylic sheets.

Application Temperature +5°C to +35°C

Resistance

Cleaning Uncured Sealant - White Spirit

Coverage 10.5 linear meters as a 6mm diameter bead

APPROVALS / STANDARDS

Certified to: EN15651-1 type F EXT-INT-CC, Class F12.5E, EN15651-3 type S, Class XS3

Shore A Hardness	20
Movement Capability	12.5%
Service Temperature	Resistance : +5°C to +150°C
Joint Design	Minimum Joint Width - 5mm Maximum Joint Width - 50mm Joint Ratio - Maximum depth , 50% of joint width

APPLICATION INFORMATION

Curing Time	1-2mm per 24 hours
Skin Time	5 - 20 mins

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The surfaces to be must be clean, dry and free from dust, grease and other contaminants. Improve adhesion by wiping surface with a suitable proprietary cleaner. Priming is generally not required, although we always advise testing small areas prior to use.

APPLICATION METHOD / TOOLS

Apply at temperatures between +5°C and +35°C onto clean dry surfaces. The joint depth must never be greater than 50% of the width. Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut 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 trigger and keeping the gun at a constant angle to the surface being sealed. To ensure a proper bond, always smooth the sealant down with a spatula or piece of wood. An improved joint appearance can be achieved by placing masking tape to both sides of the joint, removing within 10 minutes of application.

LIMITATIONS

- Do not use in conjunction with bitumen or asphalt.
- Do not use in the manufacture of Aquariums.
- Do not use on substrates that bleed oil, solvents or plasticisers.
- Non Overpaintable.

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.

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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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