

PRODUCT DATA SHEET

Sika® Plastix-22A Premium Grade

PREMIUM GRADE NEUTRAL CURE SILICONE FOR GLAZING, FACADES AND ROOFING APPLICATIONS

PRODUCT DESCRIPTION

Sika® Plastix-22A Premium Grade is a premium grade low modulus, neutral curing silicone sealant suitable for many construction and industrial applications but particularly suited for all glazing, façade and roofline applications.

USES

- Perimeter pointing around uPVC, wood, aluminium and all other types of window and door frames.
- Expansion joint sealing.
- Weather sealing and joint sealing of aluminium glazing systems, curtain walling and pre-formed façade panels.
- General glazing sealing and draught proofing including repair work over existing sealant.
- Parapet and roofline weather sealing.
- Sanitary sealing.
- Glass to glass and glass to aluminium sealing.
- Sealing soft metals such as lead, brass, copper and zinc.
- Industrial sealing applications, coated metals, anodized aluminium and stainless steel.

CHARACTERISTICS / ADVANTAGES

- Excellent primerless adhesion to most common building substrates, porous and non-porous.
- Internal and External use.
- Fast curing.
- Virtually odourless.
- Low dirt pick up.
- Excellent break off and tooling.
- Excellent flexibility +/- 25%.
- Waterproof.
- Weather resistant.
- UV resistant.
- Chemical resistant.
- Service temperature resistance (-50°C to +150°C)
- Suitable for use with glass, lead, polycarbonate, and acrylic sheets.
- Certified for façade, glazing, cold climate and sanitary applications under EN15651.

APPROVALS / STANDARDS

Certified to: EN15651-1 type F EXT-INT-CC, Class 25LM, EN15651-2 type G-CC, Class G25LM, EN15651-3 type S, Class XS1

PRODUCT INFORMATION

Packaging	300ml cartridge
Colour	Anthracite, Black, Chartwell Green, Cream, Irish Oak, Teak, Caramel, Translucent, Brilliant White
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
Density	1.03 g/cm ³
Shore A Hardness	20

Movement Capability	+ or -25%
Service Temperature	-50°C to + 150°C
Joint Design	5 - 50mm Maximum depth, 50% of joint width

APPLICATION INFORMATION

Yield	10.5 linear meters as a 6mm diameter bead
Ambient Air Temperature	+5°C to + 35°C
Curing Time	1-2mm per 24 hours
Skin Time	5 - 25 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

All glazing must be carried out according to current relevant British standard. Apply at temperatures between +5°C and +35°C to 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 15 minutes of application.

CLEANING OF TOOLS

Clean uncured sealant with white spirit.

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.

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

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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