

Axton Façade&Roof&Gutter hybrid polymer Sealant

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Page 1 from 2

Technical data

Basis	MS Polymer
Consistency	Stable paste
Curing system	Moisture curing
Skin formation* (23°C/50% R.H.)	Ca. 10 min
Curing speed * (23°C/50% R.H.)	Ca. 2 mm/24h
Hardness**	25 ± 5 Shore A
Density**	1,45 g/ml
Elastic recovery (ISO 7389)**	> 70 %
Maximum allowed distortion	± 25 %
Max. tension (ISO 37)**	1,30 N/mm ²
Elasticity modulus 100% (ISO 37)**	0,36 N/mm ²
Elongation at break (ISO 37)**	> 900 %
Temperature resistance**	-40 °C → 90 °C
Application temperature	5 °C → 35 °C

* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates. ** This information relates to fully cured product.

Product description

Axton Façade&Roof&Gutter hybrid polymer Sealant is a high quality, neutral, elastic, 1-component joint sealant based on MS-Polymer.

Properties

- Very low emission
- Good adhesion to most common substrates, even on slightly wet substrates
- Easy to tool, extrude (even at low temperatures) and finish in all weather conditions.
- Permanently elastic after curing
- No odour
- No bubble formation within sealant in high temperature and humidity applications.
- Primerless application on many substrates (except where water pressure may occur)
- No hydrophobic effect on natural stone.
- Can be painted with water based systems
- Good weather and UV resistance
- Free of isocyanates, solvents, halogens and acids

Applications

- Expansion and connection joints in the building industry: sealing of joints in prefabricated buildings, sealing between window and door frames,...

- Sealing of expansion joints in facade systems with aluminum composite panels (see instructions of the supplier of the panels).
- Applications where the sealant needs to be overpainted with water based paints and varnishes.

Packaging

Colour: grey

Packaging: cartridge

Shelf life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Chemical resistance

Good resistance to water, aliphatic solvents, mineral oils, grease, diluted inorganic acids and alkalis. Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. We reserve the right to modify products without prior notice.