Axton Façade&Roof&Gutter hybrid polymer Sealant

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/mm²
Elasticity modulus 100% (ISO 37)**	0,36 N/mm²
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.