

## Window

**SMP-based joint sealant for glazing of timber, metal and plastic (PVC) windows as well as window connection joints. Highly adhesive, very high UV- and weather resistance, moisture curing, silicone free, compatible with paints. No paint flaws.**

### Technical data

Chemical base	Silane modified polymer
Mechanism of curing	1 comp. moisture curing
Consistency, DIN EN ISO 7390	Stable, ≤ 3 mm
Tooling time	max. 30 min.
Curing rate after 24h	≥ 2.0 mm
Curing rate after 48h	≥ 3.0 mm
Shore-A-hardness, DIN ISO 7619-1	24
Tensile strength DIN 53504 S2*	ca. 1.4 N/mm <sup>2</sup>
Modulus elongation at 100%, DIN 53504 S2 *	ca. 0.5 N/mm <sup>2</sup>
Elongation at break, DIN 53504 S2 *	ca. 300%
Density	1.38 ± 0.05 g/cm <sup>3</sup>
Volume change, DIN EN ISO 10563	≤ 3%
Temperature resistance after curing	- 40 °C to + 90 °C
Application temperature	+ 5 °C to + 40 °C
Movement capability	25%
Elastic recovery, DIN EN ISO 7389, at elongation of 100%	≥ 70%

All measurements were performed under normal conditions (23 °C and 50 % relative humidity).

\* The data are based on measurements after 7 days.

### Application

Connection joints on windows, doors etc. Very good for overpainting without drying delay and paint flaws.

### Substrate range

Suitable materials are metals, powder-coated, varnished, galvanised, anodised, chromed or hot zinc dipped surfaces, various plastics, ceramics, glass, concrete and wood. Due to the large variety of different plastics and compositions as well as materials which are susceptible to cracks, preliminary tests are recommended.

### Meets the standards

- EMICODE EC1Plus
- Eurofins IAC Gold
- IMO FTPC Parts 2+5
- ISEGA (food production area)
- ISO 11600-F25-HM
- ISO 11600-G25-HM

To qualify your product, please note that an appropriate test certificate must be issued on your name for most standards. For further information we are at your disposal.

# Technical data sheet Window

## Paint compatibility

Due to the diversity of varnishes and paints on the market, we recommend preliminary tests. If applied to painted or plastered substrates, a sufficient drying time of the paint / plaster must be kept (in general 10 days). After cleaning with acetone, joints can be varnished at any time. Depending on the environmental damage, a not painted surface could result in stronger pollution than with silicone sealants so that the surface has to be cleaned from time to time with our universal sealant cleaner.

## Chemical resistance

- Good against water, aliphatic solvents, oils, grease, diluted inorganic acids and alkalis
- Moderate against esters, ketone and aromatics
- Not resistant against concentrated acids and chlorinated hydrocarbons
- Weatherproof and resistant to aging

## Shelf life and storage conditions

- Shelf life depending on packaging
- Store cool and dry (10 - 25 °C)
- Further information on request

## Work and environmental safety

Important information about work and environmental safety is available on the material safety data sheet.

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