

TECHNICAL DATA SHEET TWEHA SOLARMATE

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EC number 35069900

TWEHA SolarMate is a premium-grade, high-performance, moisture-cured, one-component SMP-based elastic adhesive. Cures to a tough, durable, flexible consistency with exceptional cut and tear resistance.

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

Colors

- Black

Packaging

- Foil packs of 600 ml in carton of 12 units

Shelf life and storage conditions

- 18 months from date of production
- Store cool and dry
- Further information on request

Work and environmental safety

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

Shore-A-hardness, EN 53505, ISO 7619, ISO 868, ASTM d2240	58 ±2
Modulus elongation at 100% EN 53504 S2	1.60 Mpa
Elongation at break, EN 53504 S2	300 %
Tensile Strength EN 53504	> 2.7 Mpa
Consistency	non sagging
Tooling time 23°C / 55% RH	10 minutes
Curing rate after 24hrs	2.5-3 mm/24 hrs
Density EN ISO 1183	1,48 gr/cm ³
Volume change, EN ISO 10563	< 8 %
Temperature resistance after curing	-40 to +200 °C (-40 to +392 °F)
Application temperature	-20 to +50 °C (-4 to +122 °F)



All specifications, recommendations and technical data are based on laboratory tests under optimum conditions resp. on practical experience. They have been compiled most carefully. Nevertheless, a claim cannot be derived from them. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. The user bears the only responsibility for non-appropriate or other than specified applications.

We refer to our general Conditions, technical changes reserved. Contents examined and released by TCB, Lepelstraat 1, bus 02.01, B-3290 Lommel, Belgium.

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