

TECHNICAL DATA SHEET TWEHA PANELMATE

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EC number 35069900

TWEHA PanelMate 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 to concentrated acids and chlorinated hydrocarbons

Colors

- Black / Grey / White

Packaging

- Cartridges of 290 ml in carton of 12 units
- 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 $\pm$ 2
Viscosity	ISO 7390	mm.	< 2
Modulus at Elongation at 100%	EN 53504 S2	MPa	1.60
Elongation at Break	EN 53504 S2	%	300
Permissible Deformation		%	25
Tensile Strength	EN 53504	Mpa	2.70
Shear Strength	ISO 4587	Mpa	2.50
Consistency			non-sagging
Tooling Time 23°C / 55% RH		Min.	10
Curing Rate after 24 hrs.		mm.	2.5 / 3
Density	EN ISO 1183	gr / ml	1.48
Volume Change	EN ISO 10563	%	< 8
Temperature Resistance after curing		°C / °F	-40 to +200 / -40 to +392
Application Temperature		°C / °F	-20 to +50 / -4 to +122



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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