

# TECHNICAL DATA SHEET TWEHA METALMATE

version number 3.3 dated July 1, 2018



EC number 35069900

Tweha MetalMate 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
- Grey
- Other colors on request

#### Packaging

- Sausages 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, DIN 53505, ISO 7619, ISO 868, ASTM d2240	55 ±2
Modulus elongation at 100% DIN 53504 S2	1.74 Mpa
Elongation at break, DIN 53504 S2	325 %
Tensile Strength	> 2.8 Mpa
Consistency	non sagging
Tooling time	13 minutes
Curing rate after 24hrs	3-4 mm/24 hrs
Density DIN EN ISO 1183	1,52 gr/cm <sup>3</sup>
Volume change, DIN 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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