

# TECHNICAL DATA SHEET TWEHA PANELMATE

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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 against concentrated acids and chlorinated hydrocarbons

### Colors

- Black
- Grey
- White
- Other colors on request

### Packaging

- Cartridges of 290 ml in carton of 12 units
- Sausages of 300 ml in carton of 12 units
- 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 Tweha Professional BV, Cuserstraat 93, floor 2 and 3th, 1081 CN Amsterdam, The Netherlands.  
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