

MARBOFLEX TK 66 G

TK 66 G

Sealant for elastic joint sealing according to ZTV Fug.

Application areas:



Two-component polysulphide sealant for elastic jointing of expansion joints in the floor area between areas that are passable by persons and cars and paved surfaces, e.g. petrol stations, garages or car parks; gradient up to 3%, ZTV Fug-tested.

- For floors
- For indoors and outdoors

Properties:

- Flexible
- Self-running and levelling (up to 3% slope!)
- Resistant to fuels, technical oils, salt solutions and dilute acids
- With official test certificates

Material basis:

- 2-component polysulphide sealant

Technical data:

Colour	grey
Joint width	8 to 20 mm
Consistency	Pourable, self-running
Working temperature	5°C to 30°C
Temperature resistance	-50°C to 100°C
Working time	max. 2 h
Hardening time	approx. 24 h (depending on temperature)
Hardness	Shore A approx. 15
Density	approx. 1,5 g/cm ³
Expansion/ tension value for 100 % at +20 °C at -20C	approx. 0,2 N/mm ² approx. 0,5 N/mm ²
Permitted overall deformation	25%
Recovery capability	more than 80 %
Painability	no
Maximum slope	3%

Substrate preparation:

The contact surfaces must be firm, clean, dry, free from grease, free from oil, free from separating agents, from impregnations by old sealants/adhesives as well as other substances that impair adhesion.

The joint widths must be adapted to the expected movements (see permitted overall deformation).

MARBOFLEX Primer TK 2 must be used for absorbent substrates (natural stone pavement, concrete); MARBOFLEX Primer TK 1 for non-absorbent substrates (metals, glass, glazed ceramics, plastics).

Before the sealant can be introduced, a minimum waiting time at MARBOFLEX primer TK 2 of approximately 30 minutes to 2 hours (depending on temperature) and taken into account in MARBOFLEX primer TK 1 is about 10 to 30 minutes for the airing of the primer.

Deep expansion joint shall be provided with a backfill material prior to sealing (e.g. MARBOS Uniflex filler strips, round cord (PE round profile)).

MARBOFLEX TK 66 G	TK 66 G
Substrate preparation:	<p>Three-flank adhesion of the backfill material must be avoided in any event.</p> <p>Sand is permitted to be used as a backfill material in the area of petrol stations (IVD leaflet no. 6). The cross-section of the sealant should be approximately square (joint width = joint depth).</p> <p>The flexible joint fill should be approximately 2 - 3 cm with a width of 1 cm, including the backfill material.</p> <p>Preliminary tests are recommended if in doubt.</p>
Working:	<p>All of the B-component is added to the A-component. The components must then be intensively stirred with a slow-running mixer until the material is free from streaks.</p> <p>The expansion joint is cast up to 5 mm under the top edge of the paving or concrete surface, as a result of which the tires of vehicles driving over it will not come into contact with the joint material.</p> <p>The joint configuration is in accordance with the technical regulations. According to the standard, the joint width should be between 10 and 40 mm, the jointing depth should be 1:1 to 0.8:1 in relation to the joint width.</p>
Post-treatment:	<p>After joint sealing, the joints must be protected against direct sunshine, excessively fast drying out and driving rain.</p> <p>Allow contamination of the stone/concrete surface to dry, and then strip off from the contaminated surface.</p>
Material consumption:	<ul style="list-style-type: none"> • 1 l/l joint volume
Packaging:	<ul style="list-style-type: none"> • 2.5 l can • 10.0 l tub • Combination metal container, component A (hardener), in the top part and component B (base) in the bottom part.
Storage:	<ul style="list-style-type: none"> • Store in a cool, dry place protected against frost. • The unopened original container can be stored for up to 12 months.
Waste management:	See safety data sheet.
Cleaning:	Before hardening, equipment can be cleaned using suitable solvents.
Safety note:	<ul style="list-style-type: none"> • Ensure good ventilation when working. • Keep out of the reach of children • Additional information: see safety data sheet.
Note:	<ul style="list-style-type: none"> • Technical values (laboratory values) relate to 20 °C / 50% rel. humidity. Low temperatures and moisture lead to delayed setting, high temperatures result in faster setting. • For the work to be performed, the relevant recommendations, guidelines, standards and regulations as well as the generally recognized rules of technology must be observed. • Not resistant to acids and alkalis with an oxidizing effect, organic solvents, sustained immersion in water and joints that are continuously exposed to strong acids (e.g. galvanizing companies, storage battery stations). • Carry out a preliminary test when using on natural stone, especially if the material is porous. • Use MARBOFLEX Primer TK 2 for jointing natural stone.

During execution of work the relevant recommendations and guidelines, rules and standards, relevant technical instruction leaflets as well as the acknowledged rules of architecture and engineering have to be regarded. We do not have any influence on different weather/substrate and object conditions. Our written and spoken application/technological recommendations handed out to customers and craftsmen respectively are without obligation and do not constitute any contractual legal relationship and no lateral duty of a sales contract. All indications and recommendations of technical data sheets refer to standard purpose of use. With the publication of this technical instruction sheet, the previous ones lose their validity. This is a translation. Please refer in any case of misunderstanding the relevant German technical data sheet. Ed. 13.01.2022