



PROXAN®-KV 2 G / KV 2 ST

Two-component polysulphide-based joint sealant

Uses

PROXAN®- KV 2 is a fast-reacting two-component joint sealant for joints whose widths have the potential to expand by up to 35%. The PROXAN®- KV 2 G variant is pourable, self-levelling and particularly suitable for horizontal floor joints with a maximum gradient of 3%. The PROXAN®- KV 2 ST variant is firm and suitable for sealing vertical joints, such as skirting and wall joints. PROXAN®- KV 2 is tested and externally inspected for chemical resistance according to DIN EN 14188-2. Main areas of application: road, bridge and tunnel construction.

Standards: DIN EN 14188-2, TL/TP Fug-StB (load classes A-C)

Properties

- High permissible total deformation of 35%, elongation at rupture: 500%
- Fast-reacting
- Good compatibility with existing material through chemical bonding
- Isocyanate and solvent-free

Application instructions

Substrate preparation

Joints must be clean, dry and free of loose particles, mortar residuals, dust, grease and dirt. Temperature (measured at the building part) must be between +5 °C and +40 °C; joint sealant temperature must be at least +10 °C at application. Absorbent substrate (concrete): prime with PROXAN®- CP-P or CP-S (flash-off 30 min – 2 h, not fully dry). Non-absorbent substrate (cast steel, polymer concrete): prime with PROXAN®- CP-G (flash-off 10–30 min). Cut asphalt or semi-rigid covers: prime with PROXAN®- CP-A (flash-off 2–6 h). Backfill with a non-absorbing material (PE round profile, closed cell) to correct sealing depth and avoid three-flank bonding.

Application

KV 2 G: Add separately packed component B to component A and mix with a blade agitator at low speed until completely homogenous without white stripes (no air inclusion). Apply into joints with hand or air gun; remove any air bubbles by gently brushing with a soft brush during the application time. KV

2 ST: Components A and B are packed together in one tin; mix thoroughly with a paddle mixer. Tape joint edges before application, smooth the applied sealant and remove tapes before curing. Mixing ratio A:B = 100:10 for both variants.

Weather conditions

Temperature (building part) must be between +5 °C and +40 °C. Joint sealant temperature must be at least +10 °C at application. Product is not frost susceptible but must be brought to minimum +10 °C before use.

Storage

Dry, at temperatures below +25 °C in unopened original packaging for up to 12 months.

Form of supply

KV 2 G – Can 2.5 l: 4 per unit KV 2 G – Can 4.0 l: 4 per unit KV 2 G – Bucket 10.0 l: 30 per pallet KV 2 G – Tin 25.0 l: 14 per pallet KV 2 ST – Can 2.5 l: 4 per unit KV 2 ST – Can 4.0 l: 4 per unit KV 2 ST – Cartridge 450 ml: 12 per unit

Technical data

Polymer base	polysulphide
Colour	grey, black
Mixing ratio A:B	100 : 10
Application time (23 °C, 50 % r.h.)	approx. 120 min
Curing (23 °C, 50 % r.h.)	approx. 24 h
Max. allowed deformation	35 % of joint width
E 140 – KV 2 G	approx. 0.25 N/mm ²
Shore-A hardness – KV 2 G	approx. 12
E 140 – KV 2 ST	approx. 0.3 N/mm ²
Shore-A hardness – KV 2 ST	approx. 15

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This product information corresponds to our latest available information. The processor is obliged to test the suitability and application options for the intended purpose.