

BFM-G 2K

Pourable contraction joint compound



2-component sealant

- pourable, self-levelling consistency for pavements with up to 3% pitch
- admissible total deformation up to 35% of the joint width
- frost and de-icing salt-resistant
- suitable according to ZTV-Fug StB15
- fuel-resistant
- can withstand vehicle loads



APPLICATIONS

- for producing contraction joints between concrete components which are subject to mechanical loads from traffic, pedestrians or temperature-dependent movements
- for waterproofing floor joints and those close to the floor between concrete building elements
- suitable for areas that are exposed to chemical loads from fuels or de-icing salt
- for road, bridge and tunnel construction and structural engineering
- not suitable for joints that are permanently below the surface of water and/or are exposed to oxidising acids and alkalis

PROPERTIES

- If tubag BFM-G 2K pourable contraction joint compound is used in conjunction with liquid-tight concrete building elements and taking the appropriate constructional joint design into consideration, this reliably prevents water pollutants from penetrating the floor area.

COLOURS

- grey, black

COMPOSITION

- based on polysulphide polymer
- Tar-free and solvent-free

SUBSTRATE

Properties/tests	<ul style="list-style-type: none">■ The joints must be clean, dry, dust-free and free of loose elements, mortar residue, grease, formwork oil, release agents, impregnations, old sealants or adhesives or other adhesion-reducing substances.
Pretreatment	<ul style="list-style-type: none">■ To ensure the right joint depth and to avoid three-sided adhesion, the joints are to be backfilled with a non-absorbent material, e.g. a PE round cord.■ If this is not possible, the joint bottom is to be covered with a separating material, such as PE film.■ Absorbent substrates are to be primed with the tubag BFP-S 2K primer. The flash-off time is approx. 30 - 120 minutes. The primer is to be applied on dry substrate with maximum 4 % by weight of residual moisture.

BFM-G 2K

Pourable contraction joint compound



PROCESSING

Temperature	<ul style="list-style-type: none">■ Do not use in case of building element temperatures of less than +5°C or over +40°C.■ The temperature of the jointing compound should be at least +10°C.
Mixing / Preparation / Processing	<ul style="list-style-type: none">■ Add component B to component A in the container and stir with a suitable tool, e.g. a blade mixer, at a low speed until no more colour streaks appear. Do not stir in any air.
Processing	<ul style="list-style-type: none">■ In case of chamfered edges, the chamfer must not be filled at the same time.■ Introduce the jointing compound into the joint with the aid of suitable tools, e.g. a hand-held or compressed air gun.■ We recommend masking the joint edges. Remove the adhesive tapes within the processing time and smooth the jointing compound.
Processing / Working time	<ul style="list-style-type: none">■ approx. 2 hours
Drying / Hardening	<ul style="list-style-type: none">■ The joints are to be protected from moisture during the reaction time until a skin has formed.
Notes	<ul style="list-style-type: none">■ With sensitive natural stones, particularly open-pored stones, pre-tests are necessary.

PACKAGING

- 2.5 l/set (4 units/carton)
- 4 l/set (4 units/carton)

STORAGE

- dry at temperatures between +5 °C and +25 °C in a sealed container
- If stored in its original packaging, the product will keep for at least 12 months from the date of manufacture.

QUANTITY REQUIRED / YIELD

- Consumption: approx. 1 ml per cm³ joint volume

TECHNICAL DATA

Processing time	approx. 2 hours
Processing temperature	+5°C to +40°C
Curing time	approx. 24 hours
Strain-tension value for 100%	approx. 0.2 N/mm ²
Shore hardness (Shore-A)	approx. 15
permissible total deformation	35 %

All data are average values that were determined under laboratory conditions according to relevant test standards and application tests. Deviations are possible under practical conditions.

BFM-G 2K

Pourable contraction joint compound



SAFETY AND DISPOSAL INSTRUCTIONS

Safety

- Hazardous substance in the sense of the German Ordinance on Hazardous Substances.
- Further information can be found in the safety data sheet at www.tubag.de.

Disposal

- Dispose of the material in accordance with the official regulations.
- Hardened product can be disposed of as household waste.
- The individual components are special waste requiring monitoring and are to be disposed of according to waste code number (products and product residue) 08 04 09 Wastes from the manufacture, formulation, supply and use (MFSU) of coatings (paints, varnishes and enamel) as well as uncleaned packaging according to waste code 15 01 10.

GENERAL INFORMATION

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.