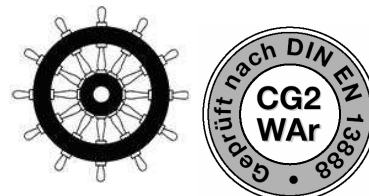


weber.fug 877 (Cerinol® Flex)

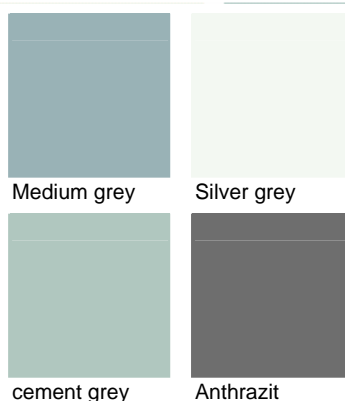
Flexible, polymer-modified, cement-based grout mortar. For joint width 2 – 20 mm

With official test certificate according to prEN 13 888 (class CG 2)



Colour chart

weber.fug 877 (CERINOL Flex) is available in all colours listed in this colour chart. For technical printing reasons, the shades shown here are only approximate.



Description

weber.fug 877 (CERINOL Flex) is a highly-polymer modified, flexible, cement-based grout mortar.

Main features:

- For joints between tiles that are subject to light tension and settlement.
- For joint width from 3 mm to 20 mm
- After mixing with water, ductile and easy to apply
- After hardening, fast-setting, crack-free, abrasion-resistant and water repellent as well as resistant to all common household cleaners
- Tested according to prEN 13888 (class CG 2) with reduced water absorption and higher scratch resistance.

The colours of weber.fug 877 (CERINOL Flex), weber.fug 872 (CERINOL F 20), weber.fug 870 (CERINOL F 6), weber.fug 880 (PLASTIKOL FDS) and weber.fug 881 (PLASTIKOL FDN) are coordinated with each other.

Product data

Base cement, pigments, treated high-quality fillers, resins,

Mixing ratio	aggregates
Colours	
- medium grey	4.7 to 5.2 litres water per 25 kg bag;
- cement grey	0.9 to 1.0 litre water per 5 kg bag
- anthracite	
Colour	
- silver grey	5.5 to 6.0 litres water per 25 kg bag or 1.1 to 1.2 litre water per 5 kg bag
Partial quantities	1 volume water + 3.2 to 3.5 volumes powder
Consistency	powder
Bulk density	approx. 1.35 -1.45 kg/dm ³ (according to colour)
Joint width	2 mm to max. 20 mm
Application	rubber squeegee, hard rubber board
Potlife	approx. 30 minutes
Application temperature	+ 5 °C to + 30 °C (air and substrate)
Open to pedestrian traffic ¹⁾	after 2 hours
Open to mechanical	after 3 days

stres ¹⁾	
Open to chemical spillage ¹⁾	after 14 days
Hardening time	approx. 12 hours at + 20 °C
Clean-up	water, sponge, sponge-backed board

¹⁾ This figure is given for + 20 °C and 65 % r.h.

Range of application

weber.fug 877 (CERINOL Flex) is suitable for interior and exterior work, also for damp and wet-duty areas and in areas that are permanently under water.

weber.fug 877 (CERINOL Flex) is particularly suitable for flexible grouting on substrates that are subject to slight settling, for ex. lightweight partitions walls or heated screeds in conjunction with the flexible cement-based tile adhesives weber.xerm 848 (DEITERMANN KM Flex) or weber.xerm 853 F (DEITERMANN KM Flex + Fix).

Suitable coverings are ceramic wall and floor tiles, mosaic, stoneware quarter-brick claddings, stoneware, fine stoneware, earthenware, split tiles, and glass mosaic as well as artificial tiles.

Limits of use

weber.fug 877 (CERINOL Flex) is **not** suitable for drinking water tanks or swimming pools.

Where higher mechanical stress is involved, caused by cleaning devices, we recommend the 1-comp. grout mortar weber.fug 875 (DEITERMANN KF). Where higher chemical stress is involved, we recommend the high-endurance 2-comp. solvent-free epoxy resin grouts weber.fug 878 (DEITERMANN Multipox F) or weber.xerm 848 (DEITERMANN Multipox FK).

Especially in the case of pigmented grouts the possibility cannot be excluded that discolorations, washouts and bloom defects could occur based on environmental conditions.

In case of use in wet-duty rooms and in permanent under water conditions, the water hardness must be at least 5° (German classification).

Working instructions

Important notes

weber.fug 877 (CERINOL Flex) is coloured exclusively with cement-fast coloured pigments in a special mixing process. This process in the factory and a correct application will ensure a uniform colour after complete hardening of the grout.

For a correct application the following points must be observed:

- Mix grout with the prescribed amount of gauging water
- Apply grout only after thin-bed or thick-bed adhesives are completely hardened
- Do not apply grout surfaces with different temperatures (e.g. due to hot water or heating pipes or exposure to sunlight)
- Ensure uniform absorbent qualities of the substrate and also the joint edges
- Execute adequate aftercare with water.

Because of the diverse influencing factors based on the environment and the substrate, no assurance for uniform coloration can be given. If required, lay out a test area. Tiles with porous surfaces have a tendency to discolour, as they absorb the pigments of the coloured grout mortar. These discolorations can only be removed with difficulty, if at all. In such cases, we recommend a preliminary test. A thorough pre-wetting of the tiles can prevent possible discolorations.

The water-repelling characteristics of weber.fug 877 (CERINOL Flex) can be partially or completely neutralized through the use of surfactants (soaps, cleaners), as is the case with all hydrophobing materials. Consequently avoid direct contact with concentrated surfactant solutions.

Preparation of substrates

When the tile adhesive has hardened, scratch out the joints to a sufficient depth and clean the surfaces.

The setting process of the tile adhesive should be fully concluded, otherwise discolorations could occur.

Pre-wet absorbent tiles thoroughly with water.

Mixing

According to the colour and the consistency desired, stir 25 kg (= 1 bag) of weber.fug 877 (CERINOL Flex) into water (see table product data) until a lump-free, ductile mortar is produced.

Afterwards the mortar can be applied immediately.

Do not mix more grout mortar than can be applied within 30 minutes. We recommend for all colours that the total quantity for a surface should be mixed in one operation to avoid colour deviations.

Application

Work weber.fug 877 (CERINOL Flex) with a rubber squeegee (floors), grouting trowel (walls) or a hard rubber board deep and even into the joints. Do not use a pointing trowel (jointer) for the application

After a few minutes apply a little more mixed grout mortar and wipe off the surface cleanly with diagonal movements, remove excess material.

Keep expansion joints free from grout mortar. Reserve expansion joints for elastomeric sealants.

Remove mortar remnants after hardening with a **slightly damp** sponge or a sponge-backed board. After the grout hardens, remove the remaining dried grouting milk with a clean, slightly damp sponge.

For closing connection, expansion or movement joints, use an elastomeric joint sealant, like weber.fug 881 (PLASTIKOL FDN) or weber.fug 880 (PLASTIKOL FDS) (refer to technical data sheets).

Aftercare

Keep the grout humid as long as possible in case of unfavourable conditions in order to avoid a too quick drying.

Only use general household floor cleaning agents after 14 days.

The use of acid cleaners will reduce the strength of cement-based grout mortars.

Consumption

Depending on the size of the joints between the tiles. Around 1.8 kg of powder will yield one litre of grout mortar.

- Split tiles: 11.5 x 24 cm, joint width 10 mm, joint depth 10 mm; consumption 2.3 kg powder/m²
- Wall ceramic tiles: 20 x 20 cm, joint

width 5 mm, joint depth 8 mm; consumption 0.7 kg powder/m²

- Mosaic: 5 x 5 cm, joint width 3 mm, joint depth 6 mm; consumption 1.3 kg powder/m².

Delivery and storage

weber.fug 877 (CERINOL Flex) is supplied in 5 kg bag (4 bags in foil) and in 25 kg bag (net weights).

	5-kg-bag	25-kg-bag
Medium grey	●	●
Cement grey	●	●
Silver grey	●	●
Anthracite	●	●

The product can be stored dry and in its original sealed packaging for at least 6 months.

Notes

Low-chromate content (TRGS 613).

The correct and hence successful application of our products is not within our control. A guarantee can therefore only be accepted for the quality of our products within the framework of our sale and supply conditions but not for their successful use.

Observe the safety precautions for protection of health and prevention of accidents given in the safety data sheet and on the label of the packaging.

This data sheet supersedes all earlier technical data on this product.

Information supplied by our employees and/or distributors going beyond the information contained in this data sheet must be confirmed in writing.

We reserve the right to make changes representing technical progress.



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