

DEKOGROUT FS

Cement-based grout with a fine grain size, for making grout joints with glass mosaic, ceramic tiles, stone and marble. For interior and exterior applications, on floors and walls

- Antibacterial and mould resistant
- EC1 PLUS
- Water repellent
- Resistant to freeze/thaw cycles
- Smooth surface and wide colour range (30 colours)
- Fulfils the requirements of EN 13888, CG2WA
- For joints from 1-8 mm wide
- Vapor permeable
- Suitable for heated floors and walls
- Suitable for use in swimming pools
- Colours matched to the LATASIL silicone system

ÉMISSIONS DANS L'AIR INTÉRIEUR*
A+
A+ A B C

GEV-EMICODE EC1 PLUS very low emission

Helps to get LEED points





AREAS OF APPLICATION:

DEKOGROUT FS is suitable for grouting glass mosaic, brick tiles, tile slips, floor clinkers in bathrooms, showers and living rooms, on terraces, balconies and loggia. As well as facades, swimming pools, in commercial areas, and on heated and flow screeds. Furthermore DEKOGROUT FS is suitable for grouting of natural stones, if the product-specific properties of the natural stone material permit this and discolouration (i.e. through stones physical characteristics) can be eliminated.

TECHNICAL ASSISTANCE

INSURANCE GUARANTEE

TECHNICAL MEETINGS

PROFESSIONAL USE

CONTRACT ITEM SPECIFICATIONS:

Floor and wall coverings must be grouted with a cement-based, antibacterial, flexible, mould resistant, water-repellent grout, EC1 PLUS certified and tested in accordance with EN 13888 class CG2WA, like DEKOGROUT FS by Benfer.

METHOD OF USE:

SUBSTRATES PREPARATION:

Adequately rake out mortar joints once the adhesive has sufficiently set, then wet-clean the tile surface. The adhesive bed must be fully set or discolouration may appear. Pre-wet strongly porous surfaces uniformly with water. Joints must be clean and free from separating media. The time at which grouting may commence depends on the adhesive used and varies from 2 to 72 hours. Mortar beds used in sand : cement fixing must be sufficiently set and uniformly dry. Do not grout surfaces with differing surface temperatures (i.e. in direct sunlight). The consistency of the grout is to be adjusted dependent on the porosity of the cladding material and the substrate.

PRODUCT PREPARATION:

Mix DEKOGROUT FS with clean water in a clean container. Provide aprox. 1.4 l water.
Add 5 kg DEKOGROUT FS and mix until a smooth mass is achieved. We recommend using a suitable mixer at approx. 300 – 500 rpm. After a maturing time of 4 minutes the joint mortar is mixed once again. In order to avoid discrepancies in the color shade, the mix ratios should be kept consistent.

PRODUCT APPLICATION

DEKOGROUT FS is filled in wall and floor areas using a gumm jointing board, with slight pressure and placed diagonally so that the joint is completely filled, being carefully removed after use.
After the initial hardening of the joint mortar (tactile control) wash the outlines. After approx. 10 -15 minutes wash clean with a sponge board.
Protect expansion joints for the subsequent application of the elastic jointing. After initial hardening, scratch the mortar residues out by washing with a slightly moist sponge.

Potential formations of ceramic mortar (fog) are to be washed off after several hours using a sponge board with clean water. Do not use dry cloths for the cleaning as the rubbing of the dried joint mortar may lead to discoloration of the fresh joint. Protect the fresh jointing against high temperatures, winds, rain or frost that may negatively influence the curing. In case of unsuitable weather conditions (low air humidity, draught air, wind) and strongly absorbing ceramics, the joint mortar will cure better when the joint diameter is treated with clean water (moistening with the sponge board). The washing water should often be replaced by clean water. For coverings with rough, profiled or porous surfaces, as well as natural stones which are rough at the surface, a test jointing should be carried out (the surface should be slightly moistened or primed with suitable material prior to the jointing). The time of the washing is dependant on the material and the existing climate. After sufficient waiting time the surface is to be smoothened.

ADVICE:

- Joint mortar which has already begun hardening should not be made workable again through the addition of water or fresh mortar. There is an increased danger of colour discrepancies.
- Do not powder and remove DEKOGROUT FS with dry material. Increased risk of discolouration exists due to inadequate dissociation of the component parts.
- Only use clean water and clean tools.
- Clean the substrates thoroughly prior to jointing.
- Regard the setting time of adhesives and mortars. Discoloration may occur by grouting to early.
- Protect the joints from rapidly drying out in drafts and strong sunlight by hanging polythene sheets or repeated wetting of the joints.
- Protect grouting until hardened from rain and frost!
- Joints around tile bays, interruptions and pipe outlets as well as perimeter and connection joints should be sealed with an elastic material such as LATASIL or LATASIL AC dependant on application.
- The use of DEKOGROUT FS does not replace waterproofing measures.
- For maintenance and cleaning of the jointing area we only recommend the use of neutral cleaning agents. After cleaning, the surface is to be rinsed off with clean water. Pay attention to varying absorption rates of the substrate and the joint flanks.
- Irregular effects of moisture due to the construction below, the mortar bed, differences in temperature or covering materials, may lead to colour discrepancies in the joint pattern which do not affect the quality of the joint mortar and may level themselves through positive environmental conditions. We do not guarantee against differences in the colourshade.
- In case of high mechanical wear such as cleaning machines or chemical loads, we recommend the 2-component, highly-wearable epoxy resin joint DEKOGROUT EPOXY
- If etching is required, the joints must be wetted sufficiently.
- Only material from the same production batch should be applied within an area.
- To achieve optimal hydration of the cement, adequate moisture is to be provided. This is especially important for non-absorbing stone or tiles; therefore no moist depositories can be expected.
- Refer to the specific product properties when laying natural stone and synthetic stone (tendency to discolour). When doubt exists carry out a grout trial.
- Protect surface areas which are not to be grouted against the effects of DEKOGROUT FS
- Fill the pool only after the final hardening of the product (14 days).

Please adhere to the current EU-safety data sheet.

DEKOGROUT FS Colours

Name/Colour	Art. n°	Packaging/Pallet
44 BRIGHT WHITE	24-58**44**-E0405-M	5 kg bag 4 bags/box
	24-58**44**-E0020-M	20 kg bag 63 bags/pallet
90 LIGHT PEWTER	24-58**90**-E0405-M	5 kg bag 4 bags/box
18 SAUTERNE	24-58**18**-E0405-M	5 kg bag 4 bags/box
85 ALMOND	24-58**85**-E0405-M	5 kg bag 4 bags/box
23 ANTIQUE WHITE	24-58**23**-E0405-M	5 kg bag 4 bags/box
17 MARBLE BEIGE	24-58**17**-E0405-M	5 kg bag 4 bags/box
38 RIVER ROCK	24-58**38**-E0405-M	5 kg bag 4 bags/box
27 HEMP	24-58**27**-E0405-M	5 kg bag 4 bags/box
30 SAND BEIGE	24-58**30**-E0405-M	5 kg bag 4 bags/box
56 DESERT KHAKI	24-58**56**-E0405-M	5 kg bag 4 bags/box
40 LATTE	24-58**40**-E0405-M	5 kg bag 4 bags/box
81 BUTTER CREAM	24-58**81**-E0405-M	5 kg bag 4 bags/box
61 PARCHMENT	24-58**61**-E0405-M	5 kg bag 4 bags/box
92 SALTILLO	24-58**92**-E0405-M	5 kg bag 4 bags/box
58 TERRA COTTA	24-58**58**-E0405-M	5 kg bag 4 bags/box

Name/Colour	Art. n°	Packaging/Pallet
66 CHESTNUT BROWN	24-58**66**-E0405-M	5 kg bag 4 bags/box
59 ESPRESSO	24-58**59**-E0405-M	5 kg bag 4 bags/box
33 BOSTON FERN	24-58**33**-E0405-M	5 kg bag 4 bags/box
88 SILVER SHADOW	24-58**88**-E0405-M	5 kg bag 4 bags/box
89 SMOKE GREY	24-58**89**-E0405-M	5 kg bag 4 bags/box
	24-58**89**-E0020-M	20 kg bag 63 bags/pallet
78 STERLING SILVER	24-58**78**-E0405-M	5 kg bag 4 bags/box
24 NATURAL GREY	24-58**24**-E0405-M	5 kg bag 4 bags/box
	24-58**24**-E0020-M	20 kg bag 63 bags/pallet
60 DUSTY GREY	24-58**60**-E0405-M	5 kg bag 4 bags/box
42 PLATINUM	24-58**42**-E0405-M	5 kg bag 4 bags/box
	24-58**42**-E0020-M	20 kg bag 63 bags/pallet
45 RAVEN	24-58**45**-E0405-M	5 kg bag 4 bags/box
	24-58**45**-E0020-M	20 kg bag 63 bags/pallet
22 MIDNIGHT BLACK	24-58**22**-E0405-M	5 kg bag 4 bags/box
04 BLUE ARCTIC	24-58**04**-E0405-M	5 kg bag 4 bags/box
37 CHAMBRAY	24-58**37**-E0405-M	5 kg bag 4 bags/box
08 CHERRY RED	24-58**08**-E0405-M	5 kg bag 4 bags/box
07 LEMONADE	24-58**07**-E0405-M	5 kg bag 4 bags/box

PLEASE NOTE: The colours shown in this chart are reproduced as real as possible, but they are indicative only. They must in any event be verified by the end user, who assumes all liabilities deriving from utilization of the product.

CONSUMPTION TABLE:

DEKOGROUT FS

Approximate consumption in kg/m² including wastage (10%)

Format (cm)	Thickness (mm)	Width of the joint ((mm)			
		1	**2**	**3**	**5**
2x2	4	0.66	1.32	1.98	3.30
10x10	9	0.30	0.60	0.90	1.50
15x15	9	0.20	0.40	0.60	1.00
20x20	9	0.15	0.30	0.45	0.75
20x20	14	0.23	0.46	0.69	1.15
30x30	10	0.11	0.22	0.33	0.55
30x60	10	0.08	0.16	0.24	0.40
45x45	10	0.07	0.14	0.21	0.35
45x90	10	0.05	0.10	0.15	0.25
60x60	10	0.05	0.10	0.15	0.25
60x120	10	0.04	0.08	0.12	0.20
120x120	10	0.03	0.06	0.09	0.15
15x80	10	0.13	0.26	0.39	0.65
15x150	10	0.12	0.24	0.36	0.60
20x150	10	0.09	0.18	0.27	0.45
15x170	10	0.12	0.24	0.36	0.60
20x170	10	0.09	0.18	0.27	0.45
60x60	20	0.11	0.22	0.33	0.55
100x100	6	0.02	0.04	0.06	0.10
150x300	6	0.01	0.02	0.03	0.05

CONSUMPTION

NB: The consumption figures in this table, dictated by our best experience, are purely indicative and should be verified by the user of the product.

CLEANING: The cleaning of coverings has to be done with a damp felt or a sponge before the sealer starts gripping.
CONSUMPTION: See Table page 5.
PACKAGING: All colours are available in 5 kg bags, 4 bags per carton box. The colours 44, 89, 24, 42, 45 are also available in 20 kg bags.
STORAGE: In a dry place, in the original closed package; open bags must be closed again and used as soon as possible.
SHELF LIFE: 24 months (5 kg bags), 12 months (20 kg bags)

PRODUCT TECHNICAL DATA	
Classification:	EN 13888 CG2WA
Basis:	Cement , mineral aggregates, new generation of additivies and pigments
Colour:	30 colours (see sheet)
Apparent mass volume:	1,20 kg/dm^3
Maximum grain size:	0,15 mm
Danger of toxicity:	No. Possible irritation of the eyes and skin upon contact due to presence of cement
Inflammable:	No
Mixture ratio:	28% of water (1.4 - 1.5 l water/ 5 kg bag)
Mixing time:	2-3 minutes (mixer . 300 - 500 r/min)
Consistency of paste:	Creamy mortar
Mass volume of paste:	1,90 kg/dm^3
Pot Life:	30 minutes at + 23°C
Application temperature:	From + 5°C to + 35°
Largeness of application:	From 1 mm to 8 mm
Light foot traffic:	After 24 hours
Full service after:	3 day
Final hardening:	14 days
Resistance to humidity:	Excellent
Aging process resistance:	Excellent
Temperature resistance:	From -30° C to +90° C
Storage and Duration:	24 months (5 kg bags), 12 months (20 kg bags) in a dry place, in the original closed package; open bags must be closed again and used as soon as possible.

PLEASE NOTE: The information given in this chart is based on our best experience and indicative only. It must in any event be verified by the end user, who assumes all liabilities deriving from utilization of the product.