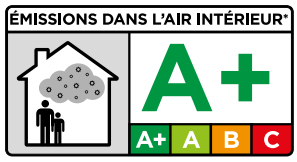


DEKOGROUT FL

Cement-based grout for ceramic tiles, thin brick, stone and marble, suitable for indoor and outdoor applications, floor and wall

- High strength, cement-based grout • Increased abrasion resistance
- Water repellent • Resistant to freeze/thaw cycles • Mould resistant
- For interior, exterior and submerged use • Available in 8 colours
- Fulfils the requirements of EN 13888, CG2WA
- For joints from 3 - 30 mm wide • Vapour permeable
- Suitable for floor and wall heating
- Colourways matched to the LATASIL silicone system







TECHNICAL FEATURES:

Special flexible grout, rapid setting, for joints from 3 - 30 mm wide. The grouts DEKOGROUT FL are composed by special cements, aggregates with selected granulometry and additives and they are studied to harden quickly and with minimum shrinkage, until they develop high mechanical resistance, good flexibility and minimum water absorption, as well as pleasant aesthetic effect.

AREAS OF APPLICATION:

Due to its high mechanical performance and abrasion resistance, DEKOGROUT FL is especially suitable for grouting tiles in swimming pools, washing plants, commercial kitchens, sales rooms, commercial areas, industrial areas and workshops. Furthermore, DEKOGROUT FL can be used on heated and flow screeds in bathrooms, showers and living rooms, on terraces, balconies and loggias as well as facades. DEKOGROUT FL can be used in heavy-duty areas e.g. where cleaning equipment, high pressure steam cleaning or scouring vacuums are present. Furthermore, the dense grout joints give increased resistance to cleaning chemicals. Neutral or alkaline cleaners can be used unrestrictedly.

CONTRACT ITEM SPECIFICATIONS:

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

TECHNICAL ASSISTANCE

INSURANCE GUARANTEE

TECHNICAL MEETINGS

PROFESSIONAL USE

METHOD OF USE:

SUBSTRATES PREPARATION:

Once the adhesive has sufficiently set adequately rake out the joints. Subsequently wet-clean the tile surface. The adhesive bed must be fully set because 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 is from 3 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 (e.g. in direct sunlight). The consistency of the grout is to be adjusted dependant on the porosity of the cladding material and the background.

PRODUCT PREPARATION:

Mix DEKOGROUT FL with clean water in a clean container. Provide approx. 4.5 a 5 litres water dependant on the desired consistency. Add 25 kg DEKOGROUT FL and mix with a paddle to a smooth paste. 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 APPLICATIN:

Apply DEKOGROUT FL into the wall and floor area with a grout float under light pressure and strike off cleanly diagonally to the joint so that the grout profile is completely filled.

Once the grout has begun to set (check with a finger test) wash the joint contours with a dampened sponge board. After a further 10-15 minutes wash clean with the sponge board.

Keep movement joints free for elastic jointing with LATASIL or LATASIL AC. Rake out mortar residues and wash off with a rung-out damp sponge.

Wash-off any remaining mortar film with the sponge board and clean water after a few hours. Do not use dry cloths to clean as there is a risk of discolouration as the dried-on grout may be rubbed into the still damp joints. Protect the fresh joints from influences detrimental to setting such as high temperatures, wind, rain or frost. In adverse weather conditions (low humidity, draught, wind) and with strongly porous ceramic bodies the optimum setting of the grout can be assisted by posttreating the grout profile with clean water (re-wetting with the sponge board). Frequently replace the wash-off water with fresh water. Where ceramic tiles have profiled, rough or unglazed surfaces or where surfaces are porous, or with rustic natural stone as well as profiled fully vitrified tiles that have surface micro-pores in varying magnitude, it is recommended that a trial area is carried out (possibly lightly pre-wet the surface or seal before grouting) in order to determine the ability to completely wash-off cement and pigment residues. The timing for wash-off is dependant on the type of tile and the prevailing climate. Smooth the surface after an appropriate waiting time.

ADVICE:

- Do not add further water or fresh mortar to DEKOGROUT FL that has already started to stiffen in order to re-life the product. There is an increased risk of discolouration
- Do not powder and remove DEKOGROUT FL with dry material. Increased risk of discolouration exists due to inadequate dissociation of the component parts
- Only use clean water and 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 FL 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 colour shade
- 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 areas not to be treated with DEKOGROUT FL
- Fill the pool only after the final hardening of the product (14 days)

Please observe valid EU-safety data sheet.

DEKOGROUT FL colours

Name/Colour	Art. n°	Packaging/Pallet
44 BRIGHT WHITE	24-60**44**-E-0025-M	25 kg bag 48 bags/pallet
85 ALMOND	24-60**85**-E-0025-M	25 kg bag 48 bags/pallet
23 ANTIQUE WHITE	24-60**23**-E-0025-M	25 kg bag 48 bags/pallet
81 BUTTER CREAM	24-60**81**-E-0025-M	25 kg bag 48 bags/pallet

Nom/Couleur	Art. n°	Packaging/Pallet
89 SMOKE GREY	24-60**89**-E-0025-M	25 kg bag 48 bags/pallet
78 STERLING SILVER	24-60**78**-E-0025-M	25 kg bag 48 bags/pallet
24 NATURAL GREY	24-60**24**-E-0025-M	25 kg bag 48 bags/pallet
45 RAVEN	24-60**45**-E-0025-M	25 kg bag 48 bags/pallet

N.B. The colours depicted in this chart are reproduced as realistically as possible but are only indicative. They must be verified by the end user who assumes all responsibility deriving from product use.

DEKOGROUT FL

Indicative consumption in kg/m² including the waste (10%)

Tile size (cm)	Joint width (mm)	Joint depth (mm)			
		1	2	3	5
2x2	4	0,75	1,50	2,25	3,75
10x10	9	0,34	0,68	1,02	1,70
15x15	9	0,22	0,44	0,66	1,10
20x20	9	0,17	0,34	0,51	0,85
20x20	14	0,26	0,52	0,78	1,30
30x30	10	0,12	0,24	0,36	0,60
30x60	10	0,09	0,18	0,27	0,45
45x45	10	0,08	0,16	0,24	0,40
45x90	10	0,06	0,12	0,18	0,30
60x60	10	0,06	0,12	0,18	0,30
60x120	10	0,05	0,10	0,15	0,25
120x120	10	0,03	0,06	0,09	0,15
15x80	10	0,15	0,30	0,45	0,75
15x150	10	0,14	0,28	0,42	0,70
20x150	10	0,11	0,22	0,33	0,55
15x170	10	0,14	0,28	0,42	0,70
20x170	10	0,10	0,20	0,30	0,50
60x60	20	0,12	0,24	0,36	0,60
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.

PACKAGING: 25 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: 12 months.

PRODUCT TECHNICAL DATA

Classification according to norm:	EN 13888, CG2WA
Basis:	Cement, mineral aggregates, high quality additives and pigments
Apparent mass volume:	1,4 kg/dm³
maximum grain size:	0,5 mm
Inflammable:	No
Mixture ratio:	18-20% of water equivalent to 4.5-5.0 lt of water per 25 kg bag
Mixing time:	2-3 minutes (mixer . 300 - 500 r/min)
Consistency of paste:	Fluid mortar
Mass volume of paste:	2,1 kg/dm³
Pot Life:	90 minutes at + 23°C
Application temperature:	From + 5°C to + 35°
Largeness of application:	From 3 to 30 mm
Foot traffic after:	After 6 hours
Full service: after	1 day
Final hardening: after	7 days
Humidity resistance:	Excellent
Aging process resistance:	Excellent
Resistance to compression after 28 days:	50 N/mm²
Resistance to flexion after 28 days:	9 N/mm²
Temperature resistance:	From -30° C to +90° C
Storage and Duration :	12 months 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