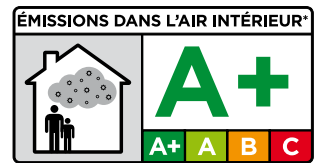




# DEKOGROUT

Antibacterial, flexible, smooth cement-based grout



- Antibacterial and mould resistant
- Water repellent
- Resistant to freeze/thaw cycles
- Free from hazardous siliceous fine quartz dust
- Good application and wash-off properties
- Smooth surface and wide colour range
- For interior, exterior and under water
- Fulfils the requirements of EN 13888, CG2
- For joints from 1 – 6 mm wide
- Vapor permeable
- Suitable for floor and wall heating
- EC1: very low emission
- Colours matched to the ESCOSIL-2000 silicone system



## AREAS OF APPLICATION:

DEKOGROUT is suitable for grouting glass mosaic, vitrified and fully vitrified clay tiles, brick tiles, tile slips, floor clinkers in bathrooms, showers and living rooms, on terraces, balconies and loggia. As well as facades, in swimmingpools, commercial areas, and on heated and flow screeds.

Furthermore DEKOGROUT is suitable for jointing 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.

We recommend CRISTALLFUGE for the jointing of natural stones.



TECHNICAL  
ASSISTANCE



INSURANCE  
GUARANTEE



TECHNICAL  
MEETINGS



PROFESSIONAL  
USE

## CONTRACT ITEMS SPECIFICATIONS

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

**SURFACE PREPARATION AND PRODUCT 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.

1. Mix DEKOGROUT with clean water in a clean container. Provide 1.2 – 1.3 l water dependant on the desired consistency. Add 5 kg DEKOGROUT 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.

2. DEKOGROUT is filled in wall and floor areas using jointing board, with slight pressure and placed diagonally so that the joint is completely filled, being carefully removed after use.

3. After the initial hardening of the joint mortar (tactile control) wash the outlines. After approx. 10 -15 minutes wash clean with a sponge board.

4. Protect expansion joints for the subsequent application of the elastic jointing with ESCOSIL-2000. 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 without washing the joints out.

**PACKAGING:** All colours are available in 5 kg bags, 4 bags per carton box, 27 boxes per europallet 120x80x 105h.

#### PRODUCT TECHNICAL DATA

Basis:	Cement, mineral aggregates and high-quality additives
Colour:	Choice of 24 colours, see colour table
Application/substrate temp.:	From + 5°C to + 30°C
Pot life:	Approx. 30 minutes*
Packaging:	5 kg bag and 20 kg bag
Joint width:	1 to 6 mm
Traffic after:	Approx 24 hours*
Loadable after:	At the earliest 3 day*
Storage:	18 months in original unopened packaging. Use opened packaging immediately
Water demand:	App. 25% , 1.2 – 1.3 l / 5 kg
Consumption:	See table
Cleaning:	With water in the fresh state
Loose density:	Approx. 1,2 kg/dm <sup>3</sup>
Fresh mortar density:	Approx. 1,9 kg/dm <sup>3</sup>

\*) at +20°C, 65% RH

	COLOUR	CODE	PACKAGE	PACKING
	Bianco	Bianco	5 kg bag	4 bags carton box
			20 kg bag	63 bags pallet
	Grigio chiaro	7035	5 kg bag	4 bags carton box
			20 kg bag	63 bags pallet
	Grigio	7042	5 kg bag	4 bags carton box
			20 kg bag	63 bags pallet
	Grigio tortora	Grigio tortora	5 kg bag	4 bags carton box
			20 kg bag	63 bags pallet
	Grigio cemento	7030	5 kg bag	4 bags carton box
			20 kg bag	63 bags pallet
	Antracite	7037	5 kg bag	4 bags carton box
			20 kg bag	63 bags pallet
	Nero	9004	5 kg bag	4 bags carton box
	Off white	Off white	5 kg bag	4 bags carton box
	Crema marfil	9001	5 kg bag	4 bags carton box
	Travertino	Travertino	5 kg bag	4 bags carton box
	Beige	1013	5 kg bag	4 bags carton box
	Camel	1001	5 kg bag	4 bags carton box
	Tabacco	8007	5 kg bag	4 bags carton box
	Marrone	8011	5 kg bag	4 bags carton box
	Testa di moro	8017	5 kg bag	4 bags carton box
	Giallo	1012	5 kg bag	4 bags carton box
	Verde	6019	5 kg bag	4 bags carton box
	Smeraldo	6024	5 kg bag	4 bags carton box
	Crocus	Crocus	5 kg bag	4 bags carton box
	Azzurro	5012	5 kg bag	4 bags carton box
	Blu	5013	5 kg bag	4 bags carton box
	Magnolia	3012	5 kg bag	4 bags carton box
	Rosa	3014	5 kg bag	4 bags carton box
	Rosso maranello	3003	5 kg bag	4 bags carton box

N.B. 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.

## Coverage table

DEKOGROUT for joints from 1 up to 6 mm.  
Coverage: kg per 10 m<sup>2</sup> of tiled surface.

Size of the tile (cm)		Thickness (cm)	Width of the joint (mm)					
			1	2	3	4	5	6
1,0	1,0	0,3	8,4	16,0				
2,0	2,0	0,4	7,8	15,0				
2,5	2,5	0,4	5,0	9,2	13,5			
2,5	2,5	1,0	12,9	25,0	37,2			
5	5	0,4	3,1	5,6	8,0	10,4	12,9	15,3
10	10	1,0	3,7	6,8	9,8	12,9	15,9	18,9
10	10	0,6	2,5	4,3	6,2	8,0	9,8	11,6
12,5	12,5	1,0	3,1	5,6	8,0	10,4	12,9	15,3
10	20	0,8	2,5	4,3	6,2	8,0	9,8	11,6
15	15	1,4	3,7	6,7	9,6	12,6	15,6	18,6
15	15	0,8	2,4	4,1	5,8	7,5	9,2	10,9
24	11,5	1,2	3,3	5,8	8,4	10,9	13,5	16,0
24	11,5	2,0	5,0	9,2	13,5	17,7	22,0	26,2
20	20	1,4	2,8	5,0	7,1	9,2	11,3	13,5
20	20	0,8	1,9	3,1	4,3	5,6	6,8	8,0
20	25	0,8	1,8	2,9	4,0	5,1	6,2	7,3
25	25	1,0	1,9	3,1	4,3	5,6	6,8	8,0
25	33	1,0	1,9	3,1	4,3	5,6	6,8	8,0
30	30	1,5	2,5	4,3	6,2	8,0	9,8	11,6
30	30	0,8	1,7	2,6	3,6	4,6	5,6	6,5
30	5	1,0	4,3	8,0	11,6	15,3	18,9	22,6
33	33	0,8	1,7	2,6	3,6	4,6	5,6	6,5
40	40	1,0	1,6	2,5	3,4	4,3	5,3	6,2
30	60	1,0	1,6	2,5	3,4	4,3	5,3	6,2
60	60	1,0	1,3	1,9	2,5	3,1	3,7	4,3

**Important 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 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 too 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!
  - Do not improve DEKOGROUT with ASO-Fugenplus!
  - Joints around tile bays, interruptions and pipe outlets as well as perimeter and connection joints should be sealed with an elastic material such as ESCOSIL-2000, ESCOSIL-2000-ST or ESCOSIL-2000-UW dependant on application.
  - The use of DEKOGROUT 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 ASODUR-EK-98!
  - Prior to the jointing of border finishes and expansion joints, and to support the mortar structure, polystyrene or foam elements are secured.
  - 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. We recommend grouting natural stone with CRISTALLFUGE.
  - Protect surface areas which are not to be treated against the effects of DEKOGROUT.
- Please adhere to the current EU-safety data sheet!
- Low chromate in accordance with TRGS 613 for all the colours except grigio, grigio tortora, grigio cemento, antracite, nero, marrone, testa di moro, blu, rosso maranello, verde smeraldo which contains a chromate reducing agent.

NB: 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.