

technostuk G.F.

03/07 126



TECHNOSTUK G.F.

Cementitious grouting compound
for 0 to 4 mm gaps.

groutings
and sealants





35%



8



5-35°C



2 h



0-4 mm



with Tc-Stuk

technostuk G.F.



MAIN FEATURES

- One-pack product
- Highly resistant to abrasion
- Resistant to UV rays
- Frost proof
- Optimum workability
- Low water absorption

ASPECT

Fine powder in 8 colours (see card)

STORAGE

12 months in a dry place

FIELDS OF USE

- Grouting all types of ceramic tiles for both interiors and exteriors.
- Grouting marble.
- Grouting compound for 0 to 4 mm gaps.
- Swimming pool grouting.
- Grouting vitreous mosaic.

NATURE OF THE PRODUCT

Technostuk G.F. mainly consists of high-strength cements, ultra-fine mineral charges, synthetic resins and specific additives.

Ask our technical department for the safety brief for further information.

HOW TO PREPARE THE MIXTURE

TECHNOSTUK G.F. should be blended with 8.75 l. of clean water per 25 kg bag and 1.75 l. of clean water per 5 kg bag (35%) until a creamy mixture is obtained. It is of vital importance for the paste be lump-free and perfectly uniform in colour.

Use perfectly clean tools and a low speed blender (approx. 500 rpm) when preparing the mixture. Small quantities of TECHNOSTUK G.F. can also be mixed by hand but bear in mind that varying amounts of water between one batch and the next can result in slightly different colour gaps.

It is advisable to use TC-STUK instead of water to blend the mixture if the flooring is subjected to intensive traffic, on elastic surfaces or when applying to façades.



CERTIFICATIONS



CONFORMITY



RECOMMENDED ACCESSORIES



TKW 452
Applicator



TKW 481
Sponge



TKW 182
Washing trough

GROUTING OPERATION

Apply TECHNOSTUK G.F. with a suitable rubber squeegee, and make sure that the gaps are filled completely. Wipe off any excess material with the edge of the applicator. Once the grouting begins to harden, the surface can be wiped clean with a clean, damp sponge. Any traces of grouting left on the tiles can be removed easily the next day using a soft, dry cloth if the mixture has been made with water alone.

If TC-STUK is used instead of the water, this operation must be done immediately after the surfaces have been cleaned with a sponge.

AVAILABLE COLOURS

00 WHITE	03 ASH	06 JASMIN	10 BROWN
01 MANHATTAN	04 ANTHRACITE	08 BEIGE	29 LIGHT GREY

WARNINGS AND RECOMMENDATIONS

- Do not exceed the recommended amount of water in the mixture
- The mixture must never be fluid
- First conduct a cleanability test if a dark colour is used on light polished refined porcelain stoneware or on natural stone
- Do not add anything to the product that is not specified in this brief
- It is advisable to use Tc-Stuk in the mixture instead of water for grouting in swimming pools

AMOUNT REQUIRED

TILE* in cm	GROUTING g/m ² GAPS in mm			
	1	2	3	4
2x2	450	885	1330	1770
5x5	220	440	665	885
10x10	220	440	665	885
7,5x15	165	330	495	665
15x15	145	295	440	590
20x20	140	285	425	570
12x24	175	355	530	710
20x25	125	255	380	510
20x30	115	235	355	475
30x30	95	190	285	380
40x40	70	140	210	285
50x50	60	120	185	245

* Tile with thickness 9-10 mm

technostuk G.F.

TECHNICAL SPECIFICATIONS	VALUE	REQUISITE	STANDARD
Aspect	fine powder		
Temperature during application	min. +5°C, max +35°C		
Water used for mixing	8.75 L. – 25 KG BAG (35%)/1.75 L. – 5 KG BAG (35%)		
Curing time	3 min		
Pot life	*2 h		
Thermal resistance	from -30 °C to +80°C		
Abrasion resistance	700 mm ³	≤ 1000 mm ³	EN 12808-2
Flexural strength after dry storage	5,1 N/mm ²	≥ 3,5 N/mm ²	EN 12808-3
Flexural strength after freezing/thawing cycles	5,1 N/mm ²	≥ 3,5 N/mm ²	EN 12808-3
Compressive strength after dry storage	50,0 N/mm ²	≥ 15 N/mm ²	EN 12808-3
Compressive strength after freezing/thawing cycles	50,5 N/mm ²	≥ 15 N/mm ²	EN 12808-3
Shrinkage	1,8 mm/m	≤ 2 mm/m	EN 12808-4
Water absorption after 30 min.	1,6 gr	≤ 2 gr	EN 12808-5
Water absorption after 240 min.	3,5 gr	≤ 5 gr	EN 12808-5

TIME TO WAIT BEFORE GROUTING		
Floors with adhesive	*24 h	
Floors with fast-setting adhesive	*4-6 h	
Floor fixed with mortar	*8-10 gg	
Walls with adhesive	*5-6 h	
Walls with fast-setting adhesive	*2 h	
Ready for use	*7 gg	
Can be walked on	*24 h	

* these times refer to a temperature of 23°C-50% R.H.. They are shorter at higher temperatures and longer at lower temperatures.

SPECIFICATION

Ceramic floor and wall tiles should be grouted using a cementitious powder grouting such as Technokolla's Technostuk G.F., which can be used to fill gaps of up to 4 mm.



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