

# technocolors

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## **TECHNOCOLORS**

Cementitious grouting for gaps  
from 1 up to 8 mm with a fine finish  
and glossy colour.

groutings  
and sealants

**TECHNOKOLLA**





26%



25



5-35°C



2 h



1-8 mm



with Tc-Stuk

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## MAIN FEATURES

- Glossy colours
- Low water absorption
- One-pack product
- Highly resistant to abrasion
- Resistant to UV rays
- Frost proof
- Mould-inhibiting

## ASPECT

Fine powder in 25 colours (see card)

## STORAGE

18 months in a dry place

## FIELDS OF USE

- Grouting all types of ceramic tiles for both interiors and exteriors.
- Grouting marble.
- Grouting compound for gaps from 1 up to 8 mm.
- Swimming pool grouting.
- Grouting vitreous mosaic.
- Fixing on heating floors.

## NATURE OF THE PRODUCT

TECHNOCOLORS mainly consists of high-strength cements, selected quartz mineral charges, synthetic resins and specific additives.

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

## HOW TO PREPARE THE MIXTURE

TECHNOCOLORS should be blended with 1.3 l. of clean water per 5 kg bag (26%) until a creamy mixture is obtained.

It is of vital importance for the paste be lump-free and perfectly uniform in colour.

Small quantities of TECHNOCOLORS 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.

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



## CONFORMITY



## RECOMMENDED ACCESSORIES



**TKW 452**  
Applicator



**TKW 481**  
Sponge



**TKW 182**  
Washing trough

### GROUTING OPERATION

Apply TECHNOCOLORS with a suitable rubber applicator or 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. After this operation, the gaps should be homogeneous.

Any traces left on the tiles can be removed easily the next day using a soft, dry cloth.

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	07 ANEMONE	14 AMARANTH	22 GREEN
01 MANHATTAN	08 BEIGE	15 RUBY	23 YELLOW
02 ICE	09 SAND	16 CARAMEL	24 PERGAMON
03 ASH	10 BROWN	17 CROCUS	29 LIGHT GREY
04 ANTHRACITE	11 COTTO	19 NAVY BLUE	
05 BLACK	12 DARK BROWN	20 ACQUA GREEN	
06 JASMIN	13 MAGNOLIA	21 ANISEED	

### 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 interrupt the grouting operations for more than two hours in the same room or area
- 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 Kg/m <sup>2</sup> GAPS in m				
	1	2	3	5	8
2x2	0,4	0,8	1,2		
5x5	0,3	0,6	0,9	1,5	
10x10	0,2	0,4	0,6	1	1,8
7,5x15	0,2	0,4	0,6	1	1,8
15x15	0,15	0,3	0,45	0,75	1,2
20x20	0,13	0,26	0,39	0,65	1,04
20x30	0,12	0,24	0,36	0,6	0,96
30x30	0,09	0,18	0,27	0,45	0,72
40x40	0,05	0,1	0,16	0,25	0,40
50x50	0,04	0,08	0,12	0,2	0,32
60x60	0,04	0,08	0,11	0,18	0,3

\* Single-fired tiles / Refined porcelain stoneware / Split tiles

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TECHNICAL SPECIFICATIONS	VALUE	REQUISITE	STANDARD
Aspect	fine powder		
Temperature during application	min. +5°C, max +35°C		
Water used for mixing	1,3 lt - 5 Kg bag (26%)		
Curing time	3 min		
Pot life	*2 h		
Thermal resistance	from -30 °C to +80°C		
Abrasion resistance	750 mm <sup>3</sup>	≤ 1000 mm <sup>3</sup>	EN 12808-2
Flexural strength after dry storage	7,1 N/mm <sup>2</sup>	≥ 3,5 N/mm <sup>2</sup>	EN 12808-3
Flexural strength after freezing/thawing cycles	6,9 N/mm <sup>2</sup>	≥ 3,5 N/mm <sup>2</sup>	EN 12808-3
Compressive strength after dry storage	38,0 N/mm <sup>2</sup>	≥ 15 N/mm <sup>2</sup>	EN 12808-3
Compressive strength after freezing/thawing cycles	38,5 N/mm <sup>2</sup>	≥ 15 N/mm <sup>2</sup>	EN 12808-3
Shrinkage	1,8 mm/m	≤ 2 mm/m	EN 12808-4
Water absorption after 30 min.	0,8 gr	≤ 2 gr	EN 12808-5
Water absorption after 240 min.	1,2 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 days
Walls with adhesive	*5-6 h
Walls with fast-setting adhesive	*2 h
Ready for use	*7 days
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 TECHNOCOLORS, which can be used to fill gaps up to 8 mm.

**Technokolla** reminds you to examine the “**notes**” document that completes the information in this data sheet. The document can be downloaded in the pdf format.



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