

# STC FUGA G CAM

**High-performance water-repellent cementitious grout for joints from 4 to 15 mm.**

**Classified according to CE EN 13888: CG2WA standards.**

**CAM certified according to UNI ISO 14021/SGS Italia.**



## Product identification

STC FUGA G is a high-performance, water-repellent and abrasion-resistant cement mortar for joints, ideal for grouting ceramic floors and walls, glass mosaics, marble and stone material.

STC FUGA G uses special hydrophobic additives that make it water-repellent once dry, increasing its durability over time and reducing the proliferation of microorganisms.

Classified according to CE EN 13888: CG2WA standards.

STC FUGA G is formulated with ecological materials for the purpose of reducing CO2 emissions as well as being a product with very low VOC emissions and CAM certified according to UNI ISO 14021 issued by the international body SGS Italia.

## Pluses of the product

- ❖ Water repellent.
- ❖ Good durability.
- ❖ Excellent spreadability.
- ❖ Easily cleanable final surface.
- ❖ Good abrasion resistance.
- ❖ Good resistance to acids.
- ❖ Kneadable with EDMOLATEX for superior performance.

## Preparation of the support

- ❖ Wait until the waiting time indicated in the technical data of the adhesive has elapsed and check that it has completely hardened before starting to grout the joints.
- ❖ The joints must be clean, free from residues or dust and empty for at least 2/3 of the thickness of the tile.
- ❖ In the case of very absorbent tiles, moisten them beforehand with water.
- ❖ If resistance to acids, high hygiene is required or in the case of grouting swimming pools in which sanitization via saline electrolysis is envisaged, use BIO FUGA.

## Ways of use

- ❖ For excellent mixing and yield of the product, we recommend using the quantity of clean, drinkable water indicated in the data table below, pour it into a bucket and/or special clean container, then pour the appropriate ratio of powdered product and mix the same with a special mixer and/or drill with suitable whisks until the composite is free of lumps and totally mixed, making sure that the agitation is complete and free from residues on the bottom.
- ❖ If you want to use STC FUGA G in operating situations subject to greater stress, mix the product with EDMOLATEX, an additive based on polymeric resins, which improves the final characteristics and makes STC FUGA G also suitable for swimming pools, bathrooms, floors highly trafficked and facades. (refer to the EDMOLATEX technical data sheet for further information)
- ❖ Before using the product, it is a good idea to wait a good 1 minute before applying in order to activate the appropriate additives.
- ❖ Fill the joints using a rubber trowel, taking care not to leave empty areas or uneven areas.

- ❖ To obtain better performance and in very hot, dry or windy climates, we recommend moistening the joints every few hours.
- ❖ Remove processing residues with a wet sponge after 10-20 minutes, checking that the mixture becomes opaque to avoid emptying the joints, working diagonally on them, taking care to rinse the sponge frequently (it is also possible to use a machine with a belt sponge ).
- ❖ If the grout is already hardened, it will be necessary to resort to mechanical cleaning.
- ❖ If there are grout residues still present after final cleaning, use the EDMOCLEAN acid cleaner once fully cured.

### Warnings and precautions for use

- ❖ Comply with current regulations and national provisions.
- ❖ Do not use to fill expansion or fractionation joints.
- ❖ Do not mix with other products and do not add water to the setting mixture.
- ❖ Use the product at temperatures between +5 °C and +35°C
- ❖ The water indicated on the package is indicative, it is possible to obtain mixtures with a more or less thixotropic consistency based on the application to be carried out (while still remaining within the ranges shown in the following table).
- ❖ The water must be dosed precisely to avoid the appearance of efflorescence in case of excess.
- ❖ Mixtures with different mixing ratios may have different color shades.
- ❖ For any further information, contact our EDMEC technical service.
- ❖ After filling the joints, it is not recommended to sprinkle the grouting with powder, in order to avoid unevenness in color and reduction of mechanical performance.
- ❖ Product for professional use.

### Cleaning

The wet product can be removed from surfaces with water, it is advisable to protect any delicate surfaces before application as it could alter colors as well as indelibly staining, the hardened product has considerable hardness and toughness, once cured it can only be removed mechanically.

### Packaging

TINT	CODE FG ACR 0.4 AB	KG
WHITE	0281241	25
BAND 1	0281667	20
BAND 1	0281248	6
BAND 2	0281665	20
BAND 2	0281668	6

## Technical data

<u>Description</u>	<u>Data (+23°C &amp; 50% RH)</u>
<b><u>Apparent density</u></b>	1300 Kg/m <sup>3</sup>
<b><u>Density of the dough</u></b>	2000 Kg/m <sup>3</sup>
<b><u>Solid residue</u></b>	100%
<b><u>Product yield</u></b>	Refer to the table below
<b><u>Dilution by mixture</u></b>	18.00% -20.00%
<b><u>pH</u></b>	13
<b><u>Duration of the dough</u></b>	~ 2h.
<b><u>Waiting time for finishing</u></b>	10-20 minutes
<b><u>Execution of wall joints</u></b>	With normal adhesive: 4-8 hours With quick adhesive: 1-2 hours With mortar: 2-3 days
<b><u>Execution of floor joints</u></b>	With sticker normal : 24h With sticker quick : 3-4 hours With mortar : 7-10 days
<b><u>Walkability</u></b>	24h.
<b><u>Commissioning</u></b>	3 days (7 days for tubs and swimming pools)
<b><u>Installation temperature</u></b>	+5°C ÷ +35°C
<b><u>Flexural strength</u></b>	Complies with European standard EN13888 as CG2WA
<b><u>Compressive resistance</u></b>	
<b><u>Flexural strength after freeze-thaw cycles</u></b>	
<b><u>Compressive resistance after freeze-thaw cycles</u></b>	
<b><u>Abrasion resistance</u></b>	
<b><u>Water absorption after 30'</u></b>	
<b><u>Water absorption after 4h</u></b>	
<b><u>Resistance to alkalis/oils/solvents</u></b>	Great
<b><u>Humidity resistance</u></b>	Great
<b><u>Aging resistance</u></b>	Great
<b><u>Acid resistance</u></b>	Good with pH > 3
<b><u>Operating temperature</u></b>	-30°C ÷ +80°C
<b><u>Color</u></b>	Can be colored using the OUTDOOR color swatch, refer to the table below.
<p><i>The information contained in this sheet is the result of knowledge and tests available at the date of publication. DM SRLS UNIPERSONALE does not assume any responsibility for damage to persons or property resulting from improper use of such information and reserves the right to modify the data without notice.</i></p>	

**Consumption table based on the size of the tile and the width of the joints (kg/m<sup>2</sup>)**

Tile dimensions (mm)	Joint width (mm)			
	4	5	8	10
75x150x6	0.8	1.0		
100x100x7	0.9	1.1		
100x100x9	1,2	1.4		
150x150x9	0.5	0.6		
200x200x7	0.4	0.6		
200x200x9	0.6	0.7		
300x300x10	0.4	0.5		
300x300x20	0.9	1.1		
300x600x10	0.3	0.4		
400x400x10	0.3	0.4		
500x500x10		0.3		
600x600x10		0.3		
750x750x10		0.2		
100x600x9		0.8		
150x600x9		0.6		
150x900x9		0.6	0.9	
150x1200x10		0.6	1.0	
225x450x9		0.5	0.3	
225x900x9		0.4	0.6	
250x900x9		0.4	0.6	
250x1200x10		0.4	0.6	
600x600x5		0.1	0.2	
600x600x3		0.1	0.1	
1000x500x3			0.2	
1000x500x5			0.1	
1000x1000x5				0.2
1000x1000x3				0.1
3000x1000x5				0.1
3000x1000x3				0.1
<b>Formula for calculating consumption</b>	$\frac{(A+B)}{(A \times B)} \times C \times D \times 1,6 = \text{kg/m}^2$			<b>A</b> = Tile length (in mm) <b>B</b> = Tile width (in mm) <b>C</b> = Tile thickness (in mm) <b>D</b> = Joint width (in mm)

**COLOR BANDS**

**Color code "Light colors F1"**

**Color code "Dark shades F2"**

1001	2099	3039	3134	3253	6020	2021
1002	2103	3043	3135	3254	6021	2033
1003	2104	3044	3136	3255	6025	2043
2001	2105	3045	3139	3259	6026	2147
2002	2109	3046	3140	3260	6027	2153
2013	2110	3047	3141	3261	6028	3048
2014	2111	3049	3145	3265	6029	3116
2015	2115	3050	3146	3266	6030	3117
2019	2116	3051	3147	3271	6031	3137
2025	2117	3055	3151	3277	6032	3138
2026	2121	3056	3152	3283	6037	3153
2027	2122	3057	3157	4001	6043	3183
2031	2123	3061	3158	4013		3219

2032	2127	3062	3159	4015		3225
2037	2128	3063	3163	4046		3267
2038	2129	3067	3164	5001		3272
2039	2133	3068	3165	5013		3278
2049	2134	3069	3169	5014		3284
2050	2135	3073	3171	5019		4043
2051	2139	3074	3175	5025		4044
2055	2140	3075	3176	5026		4047
2056	2141	3079	3177	5027		4048
2057	2145	3080	3178	5031		5039
2061	2146	3081	3179	5032		5044
2062	2151	3085	3180	5037		5045
2063	2152	3086	3181	5038		5056
2067	3001	3087	3182	5043		5057
2068	3002	3091	3193	5049		6018
2069	3003	3092	3205	5050		6044
2073	3007	3093	3206	5051		
2074	3008	3097	3207	5055		
2075	3009	3100	3211	6001		
2079	3013	3101	3212	6002		
2080	3014	3109	3213	6003		
2081	3015	3110	3217	6007		
2085	3025	3111	3223	6008		
2086	3026	3115	3224	6009		
2087	3027	3121	3241	6013		
2091	3031	3122	3242	6014		
2092	3032	3123	3243	6015		
2093	3033	3124	3247	6016		
2097	3037	3125	3248	6017		
2098	3038	3133	3249	6019		

***NB*** The code colors identified as NT. They are part of "New Trends" colors, therefore a dedicated quotation will be made.

**For further technical information:**

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