

**Fine-grained, water-repellent, polymer-modified, colored, cementitious tile grout**

**Description**

**STEREA ColorGrout 1-8mm** is a fine-grained, water-repellent, polymer-modified, colored, cementitious tile grout. It consists of high-quality white cement, fine-grained limestone aggregates, enhanced resins & special additives.

It offers high water-repellency, abrasion resistance, and high mechanical strength.

It is classified as a type **CG2 WA** tile grout according to **EN 13888**.

**Field of Application**

**STEREA ColorGrout 1-8mm** can be used for grouting tiles of all types and sizes, absorbent and non-absorbent, on floors and walls. Suitable for joint widths up to 8mm.

Suitable for indoor & outdoor usage.

**Technical Data**

**Technical Characteristics**

Appearance	Cementitious powder
Colour	Available in 14 shades
Maximum grain size	<0,2mm
Apparent density of dry mortar	1,45±0,05kg/cm <sup>3</sup>

**Application Properties@ 23oC / 50% RH**

Mixing ratio	0,9-1Kg water per 5kg
Apparent density of fresh mortar	1,80±0,05kg/cm <sup>3</sup>
Application temperature	5°C-35°C
Workable time	60min @ 20°C
Joint width	1-8mm
Ready for foot traffic	> 6 hours @ 20°C
Consumption	Depending on the width of the joint and the dimensions of the tiles

**Performance Characteristics**

Compressive strength	≥30,0N/mm <sup>2</sup>	EN 12808-3
Flexural strength	≥6,5N/mm <sup>2</sup>	EN 12808-3
Water absorption (30min)	≤2,0g	EN 12808-5
Water absorption (240min)	≤5,0g	EN 12808-5
Abrasion resistance	≤1000mm <sup>3</sup>	EN 12808-2
Shrinkage	≤2.0 mm/m	EN 12808-4
Reaction to Fire	Class A1	EN 13501-1

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## Directions for Use

- 1. SUBSTRATE – PREPARATION:** The tile joints must be clean, free of loose parts and adhesive residues, at least in the upper 2/3 of their depth. For absorbent tiles, lightly soak with water (without stagnant water).
- 2. MIXING:** In a clean container with pure water, gradually add the package content, under constant stirring with a low-speed electric mixer (**0,9-1 lt water per 5Kg STEREA ColorGrout 1-8mm**). Mix carefully until the mixture becomes homogeneous, without lumps and taking care not to leave any amount of package content on the walls or bottom of the container. Let the mixture stand for 5 minutes and then stir again. The mixture is ready to use for the next 60 minutes at 20°C.
- 3. APPLICATION:**

Apply diagonally with a rubber spatula. Remove the excess amount of product diagonally across the joints with the spatula. Also, any other excess amount of product on the rest surface of the tiles is removed. When the surface becomes dull (10-20'), clean with a damp sponge. After drying, wipe with dry cloth.
- 4. CLEANING OF TOOLS:**

Remove as much product as possible from tools while still fresh and clean using water. When the material hardens it is removed by mechanical means.

## Important Notes

- Do not apply at substrate & environment temperatures below +5°C and above +35°C.
- Do not apply in case of impending rain for at least the next 24 hours after application.
- It is recommended to protect the surfaces from strong air currents & direct, intense solar radiation using protective covers.
- Do not add additional water and/or cement, gypsum, lime, or other materials that may affect the properties of the mortar.
- Do not apply directly on surfaces made of wood, metal, plastic, PVC, aerated concrete, asphalt.
- It is recommended to create expansion joints at the perimeter of the application and every 15-20 m<sup>2</sup> where necessary.
- Existing construction joints should be maintained.

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**Packaging - Colors**

Available in 5Kg paper bag package (box of 4 paper bags: 4X5=20Kg), in 14 shades.

**Additional Notes**

**INTERMIX** bagged products help keep the environment clean.

- They reduce waste and material losses
- They reduce environmental pollution.
- Their packaging is fully recyclable.

**Storage**

For 12 months from the date of production, in sealed, original packaging, at a cool, dry and well-ventilated place.

**Consumption**

Depending on the width of the joint, the dimensions of the tiles, the method, the tools and the application conditions. Indicative consumption range: 0,05-1,50 Kg/m<sup>2</sup>

Indicative Consumption Table (Kg/m <sup>2</sup> )								
Tile Dimensions (mm)	Joint 1mm	Joint 2mm	Joint 3mm	Joint 4mm	Joint 5mm	Joint 6mm	Joint 7mm	Joint 8mm
10X10X8	3,36	6,72	10,08	13,44	16,8	20,16	23,52	26,88
20X20X8	1,68	3,36	5,04	6,72	8,4	10,08	11,76	13,44
10X20X8	2,52	5,04	7,56	10,08	12,6	15,12	17,64	20,16
25X40X8	1,09	2,18	3,28	4,37	5,45	6,54	7,63	8,72
25X50X8	1,01	2,02	3,02	4,03	5,05	6,06	7,07	8,08
30X60X8	0,84	1,68	2,52	3,36	4,2	5,04	5,88	6,72
20X50X8	1,18	2,35	3,53	4,7	5,9	7,08	8,26	9,44
25X75X8	0,9	1,79	2,69	3,58	4,5	5,4	6,3	7,2
30X30X8	1,12	2,24	3,36	4,48	5,6	6,72	7,84	8,96
40X40X8	0,84	1,68	2,52	3,36	4,2	5,04	5,88	6,72
50X50X8	0,67	1,34	2,02	2,69	3,35	4,02	4,69	5,36
60X60X8	0,56	1,12	1,68	2,24	2,8	3,36	3,92	4,48
30X60X8	0,84	1,68	2,52	3,36	4,2	5,04	5,88	6,72
45X45X8	0,75	1,49	2,24	2,99	3,75	4,5	5,25	6
80X80X10	0,21	0,42	0,63	0,84	1,05	1,26	1,47	1,68
90X90X12	0,19	0,37	0,56	0,75	0,95	1,14	1,33	1,52
100X100X12	0,17	0,34	0,5	0,67	0,85	1,02	1,19	1,36
60X120X12	0,21	0,42	0,63	0,84	1,05	1,26	1,47	1,68
120X120X12	0,14	0,28	0,42	0,56	0,7	0,84	0,98	1,12
120X240X12	0,11	0,21	0,32	0,42	0,55	0,66	0,77	0,88