

PRODUCT DATA SHEET

SikaTile®-630 TG Wide Gap

PREMIUM TILE GROUT, MOLD AND STAIN RESISTANT

DESCRIPTION

SikaTile®-630 TG Wide Gap is a CG2WA polymer modified premixed colored tile grout with water-repellent properties. Provides active protection against bacteria, algae, fungi, and black mold, which can cause stains or deterioration of the grouting.

USES

- Grouting the joints for most general types of tiles
- Grouting gaps from 1 to 6 mm width
- Floor and wall
- Exterior and Interior
- Especially used in damp areas such as bathrooms, kitchens, bedrooms, balconies, and other residential or common areas

FEATURES

- Anti-black mold and fungus; resistant to bacteria and algae
- Water-repellent with low porosity to minimize dirt absorption
- High strength, adhesion, crack, and abrasion resistance
- Resistant to common household cleaning agents
- Easy to mix with smooth application for faster installation
- Provides full joint filling with a smooth and uniform finish

CERTIFICATES AND TEST REPORTS

- EN13888 CG2WA
- ANSI 118.6

PRODUCT INFORMATION

Composition	Portland cement, selected aggregates, water retention additives, re-dispersible polymer		
Packaging	1 kg bag, 10 bags per box		
Appearance and colour	10 colors		
	<u>10# Snow White</u>	<u>13# Silver Gray</u>	<u>21# Titanium</u>
	<u>16# Manhattan Stone</u>	<u>46# Bahama Beige</u>	<u>52# Jura Beige</u>
	<u>57# Warm Cream</u>	<u>58# Havana Oak</u>	<u>60# Teak</u>
	<u>70# Black</u>		
Shelf life	18 months from the date of production if stored properly in undamaged original sealed packaging		
Storage conditions	Store in original, unopened, and undamaged sealed packaging under dry conditions. Protect from direct sunlight and frost.		
Density	0.9 - 1.1 kg./L		

TECHNICAL INFORMATION

Abrasion resistance	≤ 1,000 mm ³ (at 28 days)	(EN 12808-2)
Compressive strength	After dry storage	≥ 15 Mpa (at 28 days) (EN 12808-3)
	After freeze-thaw cycles	≥ 15 MPa (at 28 days)
	> 3,000 psi (at 28 days)	(ANSI A118.6 Section 4.5)
Flexural-strength	After dry storage	≥ 2.5 Mpa (at 28 days) (EN 12808-3)
	After freeze-thaw cycles	≥ 2.5MPa (at 28 days)
	> 500 psi (at 28 days)	(ANSI A118.6 Section 4.7)
Shrinkage	≤ 3 mm/m (at 28 days)	(EN 12808-4)
	< 0.30% (at 28 days)	(ANSI A118.6 Section 4.3)
Water absorption	after 30 minutes	≤ 2 g (at 28 days) EN 12808-5
	After 240 minutes	≤ 5 g (at 28 days)
	< 18% (at 28 days)	(ANSI A118.6 Section 4.4)

APPLICATION INFORMATION

Mixing ratio 0.33-0.34 litres of clean water per 1 kg bag of SikaTile®-630 TG Wide Gap

Consumption The consumption of grout varies depending on the size and thickness of the tile, as well as the width of the tile joints (unit: kg/m²)

Tile size (mm)	Joint width 1 mm	Joint width 2 mm	Joint width 3 mm
25x25x4	0.54	1.09	1.63
50x50x4	0.27	0.54	0.82
100x100x5	0.17	0.34	0.51
100x100x10	0.34	0.68	1.02
200x200x5	0.09	0.17	0.26
200x200x10	0.17	0.34	0.51
300x300x5	0.06	0.11	0.17
300x300x10	0.11	0.23	0.34
400x400x5	0.04	0.09	0.13
400x400x10	0.09	0.17	0.26
450x450x5	0.04	0.08	0.11
450x450x10	0.08	0.15	0.23
500x500x5	0.03	0.07	0.10
500x500x10	0.07	0.14	0.20
600x600x5	0.03	0.06	0.09
600x600x10	0.06	0.11	0.17

Tile size (mm)	Joint width 4 mm	Joint width 5 mm	Joint width 6 mm
25x25x4	2.18	2.72	3.26
50x50x4	1.09	1.36	1.63
100x100x5	0.68	0.85	1.02
100x100x10	1.36	1.70	2.04
200x200x5	0.34	0.43	0.51
200x200x10	0.68	0.85	1.02
300x300x5	0.23	0.28	0.34
300x300x10	0.45	0.57	0.68
400x400x5	0.17	0.21	0.26
400x400x10	0.34	0.43	0.51
450x450x5	0.15	0.19	0.23
450x450x10	0.30	0.38	0.45
500x500x5	0.14	0.17	0.20
500x500x10	0.27	0.34	0.41
600x600x5	0.11	0.14	0.17
600x600x10	0.23	0.28	0.34

Waste will occur according to actual field performance, including working method, skill, and site condition.

Ambient air temperature	min. +5°C to max. +35°C
Pot Life	Approx. 60 minutes (25°C)
Waiting time	Tile grout can be applied after 24 hours of tiling application. Wait 24 hours before traffic.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

- Not suitable for movement joint.
- Wear gloves and safety goggles.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage, and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological, and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

Clean and remove any dirt or contaminants remaining in the joints. Make sure the joints are clean and dry before grouting.

MIXING

Mix 1 kg. bag of SikaTile®-630 TG Wide Gap with 0.33 - 0.34 liters of clean water until the product is evenly distributed. Let it stand for several minutes. Re-stir before using. Only mix enough grout to cover 2 sqm. at a time.

APPLICATION

- Wait 24 hours after tiling before applying tile grout.
- Use a rubber trowel to fill the joint in a diagonal motion.
- Wipe off excess grout.
- Ensure the grout is pressed into the joints and not just sitting on top.
- Quickly clean with a damp sponge.
- Allow 2 hours before cleaning with a dry cloth.
- Allow 24 hours before allowing traffic.

CLEANING OF EQUIPMENT

Tools and equipment must be cleaned up in water before the grout dries thoroughly.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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Product Data Sheet

SikaTile®-630 TG Wide Gap
April 2026, Version 05.01
02172010000000242

SikaTile-630TGWideGap-en-TH-(04-2026)-5-1.pdf