

Kiilto Pro Floor Tile grout (ex Kiilto Lattiasaumalaasti)

A fast-setting tile grout for clinker and stone floor tiles. Suitable for both residential and public areas, also for outdoor use.



LEED



The product is listed in the portal for building products that can be used in Nordic Swan Ecolabelled buildings.

- quick and easy-to-apply special tile grout for floor tiles
- suitable for grouting ceramic tiles and stone in residential and public areas both indoors and outdoors
- excellent coverage, 0.5–1.5 kg/m² depending on the size of the tile and joint
- joint width 2–12 mm, 7 colours
- for professional use

AREA OF APPLICATION

Kiilto Pro Floor Tile grout is a fast setting M1-classified tile grout for clinker and stone floor tiles. Designed for professional use. Kiilto Pro Floor Tile grout is suitable for joint width 2–12 mm and joint depth 3 mm at the minimum. Grouting can be done 5 h – 3 days after the tiling work (depending on the adhesive, the substrate and the prevailing conditions).

INSTRUCTIONS FOR USE

Mixing: Kiilto Pro Floor Tile grout is poured gradually into cold, clean water using an electric stirrer. Let dissolve in water for 1–2 minutes and re-stir once again. The mix must be used within 20–30 minutes.

Grouting: Spread the mortar with a rubber trowel diagonally over the joints by filling and strongly pressing the joints with mortar. Let dry until the mortar no longer sticks to fingers (usually for 15–30 min.) and then clean with a damp sponge. The drying time depends on the tile, substrate, joint dimensions and prevailing conditions. Too early cleaning or excess water may cause discolouring of joints. Dispose of dirty washing water regularly and replace with clean water to get more even joints and to minimise limescale. After the mortar has dried, clean the surface with a dry cloth or cotton waste. Moisten the joints with clean water (for example, by spraying) for 1–3 times during the first 24 hours to allow sufficient joint firmness. For seaming corners and inlets use Kiilto Saniteettisilikoni. Note! It is recommended that unglazed tiles are moistened before grouting. When installing porous tiles, test beforehand to see how the mortar washes off from the tile surface. Avoid colours that differ greatly from the colour of the tiling. When grouting soap rock or other porous materials, carefully follow the tile manufacturer's instructions. Not suitable for areas that are permanently under water (for example, swimming pools).

DURABILITY	≤ 1000 mm ³ (EN 13888)
SHRINKAGE	≤ 3 mm/m
APPLICATION TEMPERATURE	optimal application temperature: +18–20 °C, the lowest application temperature +5 °C
MAX. GRAIN SIZE	0.3 mm
FROST RESISTANCE	compressive strength ≥ 15 MPa and flexural strength ≥ 2.5 MPa (EN 13888) after freeze-thaw cycles
COMPRESSION STRENGTH	≥ 15 MPa (EN 13888)
COVERAGE	typically 0.5–1.5 kg/m ² depending on the size of the tile and joint
JOINT SIZE	joint width 2–12 mm and joint depth 3 mm at the minimum
MIXING RATIO	10 weight parts of grout powder/ 2.3–2.5 weight parts of clean water
BOND STRENGTH	≥ 2.5 MPa (EN 13888)
TYPE/BINDER	binders: polymer and cement, aggregate: lime stone and quartz sand
WORKING TIME	approx. 20–30 min. after adding water

Kilto Pro Floor Tile grout - consumption kg/m²

Joint width	2 mm			3 mm			4 mm			6 mm			8 mm			10 mm						
Joint depth mm	4	6	8	10	4	6	8	10	4	6	8	10	6	8	10	12	8	10	12	10	15	20
Title size 2 x 2 cm	1,6	2,4	*	*	2,4	3,5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Title size 5 x 5 cm	0,7	1,0	*	*	1,0	1,4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Title size 10 x 10 cm	0,4	0,5	0,7	0,8	0,5	0,7	1,0	1,2	0,7	1,0	1,3	1,6	1,4	1,9	2,4	2,8	*	*	*	*	*	*
Title size 15 x 15 cm	0,3	0,4	0,5	0,6	0,4	0,5	0,7	0,8	0,5	0,7	0,9	1,1	1,0	1,3	1,6	1,9	1,7	2,1	2,5	*	*	*
Title size 20 x 20 cm	0,2	0,3	0,4	0,4	0,3	0,4	0,5	0,6	0,4	0,5	0,7	0,8	0,7	1,0	1,2	1,4	1,3	1,6	1,9	2,0	2,9	3,9
Title size 25 x 25 cm	0,2	0,2	0,3	0,4	0,2	0,3	0,4	0,5	0,3	0,4	0,5	0,7	0,6	0,8	1,0	1,2	1,0	1,3	1,5	1,6	2,4	3,1
Title size 30 x 30 cm	0,2	0,2	0,3	0,3	0,2	0,3	0,4	0,4	0,3	0,4	0,5	0,6	0,5	0,7	0,8	1,0	0,9	1,1	1,3	1,3	2,0	2,6
Title size 60 x 60 cm	0,1	0,1	0,2	0,2	0,1	0,2	0,2	0,2	0,2	0,2	0,3	0,3	0,3	0,4	0,4	0,5	0,5	0,6	0,7	0,7	1,0	1,3
Title size 100 x 100 cm	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,2	0,1	0,1	0,2	0,2	0,2	0,2	0,3	0,3	0,3	0,4	0,4	0,4	0,6	0,8

WATER ABSORPTION

<2 g/30 min, <5 g/240 min (EN 13888)

COLORS

7 colours

PACKAGE SIZES

3 kg and 10 kg plastic pails, 20 kg bag

STORAGE

Can be stored in unopened bags in dry conditions max. 9 months, and in plastic pails max. 15 months from the manufacture date.

ADDITIONAL INFORMATION

Kilto Pro Floor Tile grout is a cementitious product. Products that contain cement tend to produce water-based salts (so-called efflorescence) due to a chemical reaction. In certain circumstances, the salts may migrate to the surface of the product, making the colour lighter. Washing too soon after grouting, or excessive use of water when washing, increases the risk of efflorescence formation. Efflorescence is a natural phenomenon that cannot be fully prevented. However, it is a purely cosmetic issue and does not affect the product's performance.

Acidic cleaners may cause a deterioration in the cement used as a binder in tile grouts. When using acidic cleaners, follow up with an alkali cleaner to neutralise the surface.

Due to the manufacturing techniques of colour guides, a slight difference may occur between the colour in the guide and the finished joint. When grouting a room, make sure that all of your tile grout packages have the same batch number to ensure colour consistency.

The information given in this product data sheet is based on our tests and our practical knowledge. The technical data is defined in standard conditions. Variations in local working conditions and methods will affect the product performance and result. We guarantee the high quality of our products according to our Quality Management System. No liability can be accepted from incorrect use of the product or prevailing conditions, over which we have no control. Thus, we cannot be held responsible for the final result. The correct use of the product presupposes that the user has made him/herself aware of the contents of the working instructions and procedure guide, if provided.

ENVIRONMENT AND SAFETY

Avoid unnecessary skin contact and exposure with the fresh product, use safety gloves. Refer to material safety data sheet. For information on product and package disposal, visit www.kilto.com.