



KIILTO SAUMALAASTI

Cement-based mortar for jointing ceramic and clinker tiles on floor and wall

AREA OF APPLICATION	Kiilto Saumalaasti is a cement-based mortar for jointing ceramic tiles and clinker as well as other ceramic materials. Has M1 emission classification for building materials. Joint width 2 - 6 mm. Jointing can be started in 5 h - 3 days from the tiling work, depending on the adhesive and substrate.
PROPERTIES	<ul style="list-style-type: none">- has M1 emission classification for building materials and complies with EN 13888:2009 certificate, class CG 2 WA.- long working time- frost resistant- resistant to heat and water- non-flammable- not suitable for areas permanently under water (e.g. swimming-pools)- several colours that can be mixed together
TECHNICAL DATA	Type polymer-cement-limestone -based powder Particle size max. 0.2 mm
COVERAGE	0.5 - 1.5 kg/m ² depending on the size of the joint
MIXING RATIO	10 parts of Kiilto Saumalaasti / 3.0 - 3.2 parts of clean water
WORKING TIME	To be used within 2-3 hours after water adding
RECOMMENDED WORKING CONDITIONS	Temperature of room and subsurface +18..+20°C Subsurface moisture -concrete < 90% RH At the time of jointing the temperature of the subsurface, mortar and tiles must be above +5 C°. Underfloor heating must be turned off at least 24 hours before tiling commences and can be turned on ca. 1 week after tiling. Let the mortar dry at least 24 hours before taking the room/area into use.
INSTRUCTIONS FOR USE	Mixing: Kiilto Saumalaasti is poured gradually in 3.0 - 3.2 litres of cold, clean water using an electric stirrer. Let dissolve in water for 10 - 15 minutes and re-stir once again. The mix must be used within 2-3 hours. Jointing: Spread the mortar with a rubber trowel diagonally over the joints, filling and pressing the joints with mortar. Let dry until the mortar does not stick to fingers (usually for 15 - 30 min.) and then remove the mortar from the tile surfaces with a damp sponge. Use water sparingly to avoid colour washing off and to ensure even colour. Simultaneously with cleaning it is easy to shape and tighten the joints e.g. with a splinter. After the mortar has dried, clean the surface with a dry cloth or cotton waste. Moisten the joints with clean water (e.g. by spraying) for 1 - 3 times during the next 24 hours. For seling corners and inlets use Kiilto Saniteettisilikoni.

Note! It is recommended that unglazed tiles are moistened before jointing. When installing porous tiles, test beforehand how the mortar washes off from the tile surface. Avoid colours that differ greatly from the colour of the tiling. When jointing soap rock or other porous materials, follow manufacturer's instructions carefully.

With low and narrow joints (e.g. glassmosaic or walltiles with fakejoints) Kiilto Saumalaasti can be reinforced with Kiilto Strong joint reinforcement provided that the joint width and depth is min. 1 mm. Choose light coloured mortar, since dark mortar in joints that vary in depth may result in joints that differ in colour. We do not recommend mortar for floor tiles with fakejoints, since high wear can make the mortar come off the low joint. See detailed instructions in www.kiilto.com.

PACKAGING SIZE

1, 3 and 10 kg plastic pails and 20 kg paper bag

WORKING AND ENVIRONMENTAL SAFETY

Fresh mortar is alkaline and irritates skin and mucous membranes. Avoid unnecessary skin contact. Respirator is recommended while mixing the compound. Safety instructions are detailed in a separate material safety data sheet.

STORING

In a bag in dry conditions for one year and in a plastic pail for two years.

FURTHER INFORMATION

The recommendations above are based on our own research and our best knowledge. The local working conditions and methods may vary and are beyond our control. Therefore we cannot be held responsible for the actual work on the site.

Due to manufacturing technique of colour samples, there might be slight differences between a sample and a joint. Work the whole room/area with mortar from the same batch.

Check the validity of the printed product information sheet from our Technical Service, tel. 0207 710 100 or www.kiilto.com