

Kiilto Superfix DF



A dust reduced, non-sagging, economical and flexible cementitious adhesive with lightweight filler for the laying of ceramic tiles. Ideal for large wall tiles. Prolonged open time. Also for exterior applications. C2TES1. C2ES2 with Kiilto Pro Fixbinder.



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

- light-coloured, dust-reduced, light to apply, economical
- ceramic tiles, glass mosaic, decoration stones and marble
- coverage: 1.5–2.2 kg/m²
- grouting: walls 12 h, floors 24 h
- for interior and exterior areas

AREA OF APPLICATION

Non-sagging, economical and light cementitious adhesive for setting ceramic tiles and stones, which are not moisture-sensitive, on vinyl, paint, tile, clinker and common aggregate surfaces as well as on surfaces treated with Kiilto waterproofing membranes or Kiilto Kosteussulku moisture barrier, e.g., gypsum boards. Thanks to new technology the product produces almost no dust during the mixing process. Jointing can be done without a joint string. Suitable for interior and exterior use, but not for applications that are constantly under water (e.g., swimming pools).

The surfaces to be tiled must be clean and free from dust. Remove water-soluble smoothing and levelling compounds. Dry and absorbent surfaces must be moistened (excl. boards). Turn off floor heating approx. 24 hours prior to tiling. When tiling on vinyl, paint, tile and clinker substrates:

- ensure that the surface is solid and strong for tiling
- ensure that the surface to be tiled adheres properly to its own substrate
- remove wax, grease and dirt from the surface with Maalarinpesu cleaner and rinse well.

After the surface has dried, sand it, if necessary, and then remove the sanding dust.

INSTRUCTIONS FOR USE

Strew powder slowly while stirring in cool, clean water until a smooth mass is formed. Let the mix mature for approx. 10–15 min. and then remix gently once. Apply the adhesive to the surface by pressing firmly and comb with a notched applicator an area that can be tiled within 15–20 minutes. Press the tiles firmly onto the surface and tap into position immediately. Adjustment time is 15 minutes. It is

SUBSTRATE HUMIDITY	- concrete < 90 % RH
OPEN TIME	above 0.5 MPa / 30 min (EN 1346)
APPLICATION TEMPERATURE	Optimal +18–20 °C, minimum +5 °C
CLASSIFICATIONS AND CERTIFICATES	C2TES1 (EN 12004), M1
MAX. GRAIN SIZE	0.5 mm
DEFORMATION	above 2.5 mm (EN 12002)
FROST RESISTANCE	Frost-resisting
FIRE CLASS	E
COVERAGE	approx. 2.2 kg/m ² applied with a standard notched trowel (notching: 6 mm x 6 mm x 6 mm) approx. 1.5 kg/m ² when applied with a mosaic trowel (notching: 4 mm x 4 mm x 4 mm). 4 mm).
MIXING RATIO	approx. 5.5 l water / 15 kg powder (walls) approx. 6.5 l water / 15 kg powder (floors)
BOND STRENGTH	above 1.0 MPa EN 1348
TYPE/BINDER	polymer-white cement-lightweight filler-quartz sand-based powder
WORKING TIME	working time approx. 3 hours after adding water

recommended to randomly lift tiles during the application to ensure sufficient coverage of tile backs (glazed tiles 70–75% and clinker 80–90%). When tiling outdoor areas, the coverage of tile backs must be 100 %. To make sure you get adequate coverage under the tiles, the trowel should be chosen according to the tile size and the tiling surface.

SLIP	below 0.5 mm (EN1308)
PACKAGE SIZES	4 kg plastic container, 15 kg bag
STORAGE	Unopened package in a dry place 1 year

Remove fresh stains with water and a damp cloth. Dried mortar can only be removed by mechanical means. Walls can be jointed after 12 hours from tiling, floors after 24 hours. We recommend Kiilto tile grouts for jointing the tiles. Allow the tiling to dry for a week before proceeding to use as normal. Low temperature and high air humidity will retard the curing and drying process.

Edges of panel and board walls, joints between wall and floor tiling and other movement joints should be jointed with Kiilto Saniteettisilikoni.

By using additive (see Kiilto Pro Fixbinder instructions), adhesive's deformation properties can be improved (CE marking C2ES2).

Suitable for correcting minor irregularities on the substrate prior to tiling. For corrections of several millimetres, we recommend Kiilto wall plasters and floor levelling compounds.

NOTCHING OF TROWEL



ADDITIONAL INFORMATION

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, go to www.kiilto.com.