

KIILTO KERAFIBER

Watertight Membrane

Area of use	Fibre reinforced SBR-rubber latex based watertight membrane for bathrooms, saunas and similar areas to form a barrier before tiling. Suitable also for outdoor use (eg. balconies). Do not use on surfaces which are constantly under water (eg. pools).		
Subsurface	Concrete, brickwork, cementitious levelling compound or plaster and mineral based construction boards. The subsurface must be dry, absorbent, even and free from dust. All materials which weaken the adhesion of the membrane must be removed. Weak and flexible constructions must be solidated before starting the job. Ensure the suitability of the construction and subsurface for watertighting and tiling. The floor heating must be positioned under the membrane. Kiilto Kerafiber is compatible with the most floor drains.		
Properties	<ul style="list-style-type: none">* certified system VTT 141/00* waterbased and fiber reinforced* one component, ready to use* solvent free, inflammable* watertight membrane* easy to apply* colour change on drying		
Technical data	Main binder	SBR rubber latex	
	Diluent	water	
	Density	1,4 kg/l	
	Fire hazard	not hazardous	
	Freeze thaw stability	not stable	
	Lowest application temp.	+ 15 °C	
	Temperature resistance	+ 60 °C	
	Crack bridging	> 1,5 mm	
Coverage	Total coverage	floors	abt. 1,0 l/m ² (2 applications)
		walls	abt. 0,7 l/m ² (2 applications)
Tools	Painters roller or brush		
Recommendable working conditions	Temperature of the room and subfloor	+18 ... +20 °C	
	Moisture of the subsurface (concrete)	< 90% RH	
	Note that the surrounding constructions may require a lower RH value.		
Instructions for use	Uneven subsurfaces are sanded and levelled/plastered, when necessary with cementitious Kestonit levelling compounds/plasters. Very absorbent subsurfaces are primed with Kiilto Keraprimer diluted with water 1:1, let dry for 2 hours. Non absorbent subsurfaces (eg. vinyl covering and paint) are cleaned thoroughly and primed with undiluted Kiilto Keraprimer or Kiilto Saneerauslaattalaasti. Mix Kerafiber well before use.		

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Walls: Apply Kiilto Kerafiber in corners, on screwheads and board joints. Fix a non-woven strip in the fresh Kerafiber at these places and ensure that it is wetted through. At pipe inlets, cut a 10 x 10 cm non-woven piece and further cut in its center a hole, 4 mm smaller than the pipe diameter. Fix this piece in the fresh Kerafiber. Let the strips dry for about 2 hrs (colour change). Next, apply Kerafiber on the entire wall area and again let it dry for 2 hrs (colour change). Apply a second coat of Kerafiber on the entire wall area and let it dry at least 6 hrs (colour change). Inspect the membrane for pores and voids and if necessary repair them. A recommended dry membrane thickness is 0,5 mm. Start the tiling from the second lowest tile row, but at least 10 cm from the floor.

Floors:

Kiilto Kerafiber is applied to the corners, edges, pipe inlets and floor drain areas and the non-woven strip/patch is fixed with eg. brush in the fresh Kerafiber. Ensure that the non-woven is wetted through.

After drying abt. 2 hours (colour change from pale blue to dark blue) apply Kerafiber on the entire floor area.

After 2 hours drying time (follow the colour change) apply a second coat of Kerafiber on the entire floor area and also a second floor drain patch at 45° angle to the first one and apply Kerafiber on its top, let it dry at least for 6 hours. Check that the dry membrane thickness at the floor drain is not less than 1,5 mm (including two non-woven layers) and on other areas at least 0,7 mm. Inspect the dried membrane, repair thin or porous areas with Kerafiber and let dry for 2 hours.

Cut a hole, diameter 40 mm less than the drain, in the membrane above the floor drain and bend the membrane with the laminated non-wovens down in the floor drain and lock it with the expansion ring.

Note!

Do not apply Kerafiber inside the floor drain. The tiles can be fixed with eg. Kiilto Saneerauslaattalaasti. On walls the tiling can also be done with Kiilto Kerafix tile adhesive. Joint filling is done with Kiilto Saumaustaasti 3 – 5 days after the tiling. Use Kestosil flexible silicone sealant in wall corners and in the joints between floors and walls as well as in pipe inlets.

Working and environmental safety

Avoid unnecessary skin contact with fresh product. Take care of adequate ventilation. Close the can immediately after use. Keep out of the reach of children. Washing water from the tools can be poured in the drain. Fresh product rests are let to dry, dry product rests are garbagetip compatible. There is a separate MSD available and in the label there are instructions for product destruction.

Packing sizes

1, 5, 10 and 15 l

Note

FREEZES

NON-FLAMMABLE

Store in a cool place, not below +1°C, in a tightly closed original container.

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

If you have any problems, please contact our technical service, tel. +358 (0)3 280 8111 or <http://www.kiilto.com>.