



# KIILTO FIBERGUM

## Waterproofing Membrane

Area of use	Kiilto Fibergum is ready-to use, fiber reinforced waterproofing membrane for tile installations of bathrooms, saunas and wetrooms. Not suitable for tile installations under water pressure (pools) or under high temperature (> 60 °C).		
Subsurface	Ensure that the construction is suitable for waterproofing and tiling. Concrete, brickwork, cementitious levelling compound or plaster and moisture resistant construction board. The surface must be dry, absorbent, even and free from dust. All materials which may weaken the adhesion of the membrane must be removed. The floor heating must be installed under the waterproofing membrane, not in contact with the membrane. Kiilto Fibergum is tested with most common floor drain types. Check the compatibility from our technical service or from the floor drain supplier.		
Properties	<ul style="list-style-type: none"><li>* fiber reinforced</li><li>* one component, ready to use</li><li>* solvent free, inflammable</li><li>* easy to apply</li><li>* colour change on drying</li></ul>		
Technical data	Main binder	SBR	
	Density	1,35 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. 0,8 l/m2 (two applications)
		walls	abt. 0,6 l/m2 (two applications)
Tools	Painters roller or brush		
Working conditions	Temperature of the room and the surface	+15 ... +25 °C	
	Moisture of the surface	< 90% RH	
	Note that the surrounding constructions may require lower RH value.		
Instructions for use	<b>Walls:</b> Smooth uneven surfaces by sanding and/or treating with Kiilto levelling compound. Clean the surface carefully and prime with Kiilto Fibergum Primer. Mix Kiilto Fibergum well before use. Apply Fibergum first to corners, material joints and around inlets. Press Kiilto reinforcement immediately onto the fresh Fibergum and wet it thoroughly. For pipe inlets cut a piece from the Kiilto reinforcement strip and in the center of the piece cut a hole with diameter 4 mm smaller than the pipe diameter. Press this piece on the fresh Fibergum. Ready-made reinforcement pieces are available for 50 mm and 100 mm pipe inlets. Apply Fibergum on the whole area to be waterproofed and let dry at least 2 hour (colour change). Apply Fibergum the second time and let dry at least 6 hours (colour change). Check the membrane and repair possible pores or thin areas with Fibergum. The thickness of the membrane has to be at least 0,4mm.		

**Floors:**

Smooth uneven surfaces by sanding and/or treating with Kiilto floor levelling compound. Clean the surface carefully and prime with Kiilto Fibergum Primer. Mix Kiilto Fibergum well before use. Apply Kiilto Fibergum first to corners, material joints and around inlets. Press Kiilto reinforcement immediately onto the fresh Fibergum and wet it thoroughly. In corners also the ready-made Kiilto corner pieces can be used. On the floor drain press 2 x floor drain patch diagonally to each other and fix them with Kiilto Fibergum so that they are wetted thoroughly. Alternatively use self-adhesive Kiilto Kaivolaippa by pressing the Kaivolaippa carefully on the primed surface and cut round hole with diameter 40 mm less than the diameter of the drain. Bend the Kaivolaippa into the floor drain with the expansion ring and apply Fibergum on the Kaivolaippa till the expansion ring. For both drain joint types use Masa Liimamassa to fill the joint of the ring and the drain (see the drain suppliers' instructions). Apply Fibergum on the whole area to be waterproofed and let dry at least 2 hour (colour change). Apply Fibergum the second time and let dry at least 6 hours (colour change). Check the membrane and repair possible pores or thin areas with Fibergum. The thickness of the membrane has to be at least 0,5 mm

Set tiles with suitable Kiilto mortar. Fill the tile joints with Kiilto joint mortar after 1-3 days and seal corners and pipe inlets with flexible Kiilto Sanitary sealant.

**Safety**

Avoid skin contact with fresh product. Use with adequate ventilation. Close the can immediately after use. Keep out of the reach of children. Wash water of the tools can be disposed into a common waste water system. Dry product may be disposed with normal household waste. There is a separate MSDS available.

**Packing sizes**

1.3 kg, 7 kg, 14 kg and 20 kg plastic cans

**Storage**

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

**Note**

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)207 710 100, e-mail: [kiilto.tuoteneuvonta@kiilto.com](mailto:kiilto.tuoteneuvonta@kiilto.com), or <http://www.kiilto.com>.