

## Fontedur FL Matt

### DESCRIPTION

A two-component, water-borne polyurethane lacquer.

### PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Suitable to be used as a top lacquer for Fontefloor and Temafloor epoxy and polyurethane floors.
- ◆ Can also be used for dust binding, does not darken concrete surface.
- ◆ The M1 classification for low-emitting building materials has been granted by the Finnish Building Information Foundation RTS.
- ◆ Can be tinted into Semi-transparent Grey colors in Pro Grey color card.

### TECHNICAL DATA

**Volume solids** 40±2 %

**Specific gravity** 1.1 kg / litre

**Mixing ratio and product codes**

Base	10 parts by volume	92V 6206
Hardener	1 part by volume	008 4911

**Pot life (+23°C)** 5 hours.

**Practical coverage** Not defined. Practical coverage depends on the evenness of the substrate.

**Drying time (+23°C)** Dust dry after 40 min  
Fully cured after about 1 d

At lower temperatures the curing process will last longer.

**Application** Trowel or roller.

**Thinner and cleaning of equipment** Water.

**Finish** Matt.

**Colors** Colorless. Can be tinted into Semi-transparent Grey colors in Pro Grey color card (TVT 5140–5154).

**VOC** VOC 2004/42/EC (cat A/j) 140 g/l (2010)  
Fontedur FL Matt: max. VOC < 140 g/l

**Reaction to fire** B<sub>FL</sub>-s1 according to standard EN 13501-1.

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<b>Surface preparation</b>	Remove dust and loose particles from the floor. Remove all grease, oil and other impurities by detergent washing.
<b>Application conditions</b>	The temperature of the ambient air, surface or coating should not fall below +10°C during application or drying. Relative humidity of air should not exceed 90%.
<b>Mixing components</b>	Mix the correct proportions of base and hardener thoroughly before use. Mix the correct proportions of base and hardener thoroughly (approx. 3–5 minutes) by using a low speed hand drill with a paddle. Insufficient mixing or incorrect mixing ratio will result in uneven drying of the surface, weaken the properties of the coating and risk the success of the application.
<b>Coating</b>	<p>Overcoating may be carried out not earlier than 16hrs after priming. If the primed surface is not overcoated within 24hrs, it should be abraded.</p> <p>For top varnishing Fontedur FL Matt should be thinned 10–20%. Pour the lacquer mixture onto the floor and spread it with a trowel. Apply as thin layers as possible.</p> <p>When used directly on concrete as a semi-transparent lacquer the overcoating time with itself is min. 3 hours. Use several layers if more color strenght is needed.</p>
<b>HEALTH AND SAFETY</b>	<p>Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets.</p> <p>A health and safety data sheet is available on request from Tikkurila Oyj.</p>

jarjk090516/tmk250416/92V 6206, 4911

The above information is not intended to be exhaustive or complete. The information is based on laboratory tests and practical experience, and it is given to the best of our knowledge. The quality of the product is ensured by our operational system, based on the requirements of ISO 9001 and ISO 14001. As manufacturer we cannot control the conditions under which the product is being used or the many factors that have an effect on the use and application of the product. We disclaim liability for any damages caused by using the product against our instructions or for inappropriate purposes. We reserve the right to change the given information unilaterally without notice.


The product is intended for professional use only and shall only be used by professionals who have sufficient knowledge and expertise on the proper use of the product. The information above is advisory only. To the extent permitted by applicable law, we shall not approve of any liability for the conditions under which the product is being used or for the use or application of the product.

In case you intend to use the product for any other purpose than that recommended in this document without first getting our written confirmation on the suitability for the intended use, such use takes place at your own risk.

**CE  
 EN 1504-2**

The European harmonized product standard EN 1504-2:2004 defines the requirements for surface protection systems for concrete.

This product is tested and CE-labelled in accordance with the tables 1d and 1f in the appendix ZA.

	
0809	
Tikkurila Oyj Kuninkaalantie 1 FI-01300 VANTAA	
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0809-CPD-0773	
Declaration of performance: TIK-8400-5010	
EN 1504-2:2004	
Product for protection and repair of concrete structures – Coating	
Abrasion resistance:	< 3000 mg
Permeability to CO <sub>2</sub> :	CO <sub>2SD</sub> > 50 m
Permeability to water vapour:	Class I, s <sub>D</sub> < 5 m
Capillary absorption and permeability to water:	w < 0,1 kg/m <sup>2</sup> · h <sup>0,5</sup>
Impact resistance:	Class I: ≥ 4 Nm
Adhesion strength by pull off test:	≥ 2,0 N/mm <sup>2</sup>
Reaction to fire:	B <sub>fl</sub> -s1
Release of dangerous substances:	NPD