



# Temafloor Fluat

## DESCRIPTION

A crystalline, water soluble, silicon fluoride, surface impregnating agent for concrete floors.

## PRODUCT FEATURES AND RECOMMENDED USES

- Suitable for dust binding and surface hardening of unfinished old and new concrete floors.
- Reacts with the calcium carbonate in the concrete surface. Does not form any film. Can be coated with Temafloor coatings and screeds if necessary.
- Recommended for e.g. warehouses and multistorey garages.

## TECHNICAL DATA

### Practical coverage

Package 25 kg / Area of the floor 150 m <sup>2</sup>	
1st treatment	2nd treatment
Temafloor Fluat 9 kg + water 65 litres	Temafloor Fluat 16 kg + water 65 litres

Coverage depends on the porosity of the substrate.

### Application method

brush, spatula

### VOC

Does not contain Volatile Organic Compounds.

### Can sizes

25 KG

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## APPLICATION INSTRUCTIONS

- Surface preparation** Always remove all grease, oil, and other impurities with Maalipesu detergent before grinding. Remove laitance or old peeling paint layers by power grinding, milling, or vacuum grit blasting. Choose the method best suited for the premises. Clean out pot holes removing all loose or brittle material. Open cracks with e.g. an abrasive tool. After mechanical pre-treatment remove all loose material and dust carefully with a vacuum cleaner.  
The substrate must have a tensile strength above 1.5 MPa. For application on cementitious leveling screed: check compatibility with the leveling screed manufacturer.
- Application conditions** The relative humidity of the concrete should not exceed 97%. Residual moisture content should be below 4 weight-%. The temperature of the ambient air, surface or coating should not fall below +15°C during application or drying. Relative humidity of air should not exceed 80%.
- Application** Pour the solution over the clean surface and apply it with brush or spatula so that the whole surface is covered. Let the solution lay on the surface at least 3 hours by brushing the surface at the same time.  
After the treatment rinse the surface with plenty of water. Let the surface dry at least one day before the following treatment.  
  
The second treatment is carried out in the same way as the first treatment. Rinse the surface after the treatment with plenty of water and brush powerfully. Do not allow the surface to dry before the rinsing. Insufficient rinsing and brushing may cause a dustlike layer of unreacted additive on the floor.  
The floor is ready for use immediately when the surface has dried.

**HEALTH AND SAFETY** 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.

A health and safety data sheet is available on request from Tikkurila Oyj.

### **For industrial and professional use only.**

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.

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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.