





**DESCRIPTION** Elastic, self-levelling, UV-resistant, solvent-free 2-component polyurethane floor coating.

 $\textbf{RECOMMENDED USES} \hspace{0.2cm} \textbf{For coating of the floors of balconies, outdoor corridors, outdoor passenger corridors, etc.} \\$ 

outdoors and indoors.

PRODUCT FEATURES For floors with concrete, asphalt, and cement mortar surfaces that require flexibility, good water

resistance and crack bridging. Easy to clean because of its glossy and dense surface.

For professional use only.







**TECHNICAL DATA** 

Colour Shades RAL 7032 and RAL 7035

If ordered: RAL 1001, RAL 7001, RAL 7030 ja RAL 7038

Other colours: Agreed upon separately

Glossy (2/RT classification)

Coverage 1.1 -1.5kg/m², dry film thickness 0.7 – 1.0mm.

Can sizes FACTORY READYMADE SHADE: 10 kg

Not a base paint item: 10 kg

Thinner Novofloor-thinner, no need to dilute.

Mixing ratio 4:1 (A+B parts by weight)

Application method Notched spatula and mohair roller.

Drying time Usably dry 24h

Can be painted over 24h Fully hardened 7 days.

Density (kg/l) 1.6kg/l

Chemical resistance Good

Abrasion resistance Good

VOC (cat A/j) 500g/I (2010)

Novofloor 2-K Elastic contains VOC max. 500g/l.

Storage In a cool and dry place. The product reacts with moisture in the air and must be

stored carefully in a sealed container. The storage time of the container if unopened,

is 12 months. It is recommended that an opened container is used at once.



#### APPLICATION INSTRUCTIONS

#### **Application conditions**

The concrete surface should be dry and at least 4 weeks old. The relative humidity of the concrete should be less than 97%. During painting and drying, the air, the base and the paint must be between +10 and +25°C and the relative air humidity less than 80%.

#### Surface preparation

New concrete floor:

The concrete adhesive layer is mechanically removed from the surface of the concrete, e.g. by sandblasting or diamond grinding. The best method for removal is chosen according to the space in question. After mechanical cleaning, the cement dust is carefully hoovered or washed off with water. Cement adhesive can also be removed with hydrochloric acid pickling. Pickling is made with diluted hydrochloric acid (1 part strong hydrochloric acid, 4 parts water). Then the floor is rinsed with plenty of water and dried well.

#### Old concrete floor:

The floor is cleaned from dust and loose debris. Grease, oil, chemicals and other impurities are removed by emulsion washing. Old and flaking paint is removed by sandblasting, grinding or milling. The best method for cleaning is chosen according to the space in question.

Floor holes are cleaned until a healthy and clean concrete is exposed. The cracks are opened, for example, with an angle grinder. Loose material and dust are removed.

## **Priming**

Prepare the primer using Fontefloor EP Primer diluted with 20–30% of water. Pour the mixture on the floor, spread with rubber spatula and level with a roller. Primed surface is sanded immediately with 0.1-0.5mm quartz sand, approx. 1kg/m². If there isn't enough primer or it has absorbed completely into the porous surface, loose sand and pores remain on the surface. Loose sand is then removed from the surface and the priming treatment is done again.

If the area does not require M1 level approval, Novofloor 1-K Primer or Novopox P primer can be used. On moist bases (relative humidity of the concrete > 97%) Temafloor 220W primer is used for priming according to the product insert. Sanding the surface is done in accordance with the sanding instructions above.

## Cleaning of tools

Novofloor thinner.

### **Maintenance instructions**

The painted surface reaches its final usage and chemical resistance about 1 week after the surface treatment. Avoid cleaning treatment during this time. Clean the surface with a brush, mop or dusting cloth. Dirty surfaces can be cleaned with a neutral (pH 6-8) detergent moistened cleaning tool.

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.

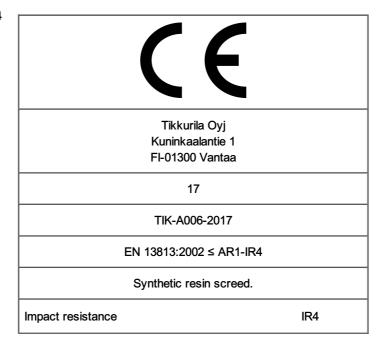


EN 1504-2:2004

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| Tikkurila Oyj<br>Kuninkaalantie 1<br>FI-01300 Vantaa                 |                 |
| 17   |                 |
| TIK-A005-2017  |                 |
| EN 1504-2:2004   |                 |
| Product for protection and repair of concrete structures –  Coating. |                 |
| Permeability to CO2  | sD > 50 m       |
| Impact resistance  | Class I: ≥ 4 Nm |



EN 13813:2002 ≤ AR1-IR4



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