TIKKURILA

NOVOFLOOR 2-K ELASTIC

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

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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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
Gloss	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 (23°C and 50% relative air humidity)	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/l (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.

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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 +25ºC 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.

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EN 1504-2:2004

CE
1119
Tikkurila Oyj Kuninkaalantie 1 FI-01300 Vantaa
17
TIK-A005-2017
EN 1504-2:2004
Product for protection and repair of concrete structures – Coating.

Permeability to CO2	s_D > 50 m
Impact resistance	Class I: ≥ 4 Nm

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EN 13813:2002 ≤ AR1-IR4

CE

Tikkurila Oyj
Kuninkaalantie 1
FI-01300 Vantaa

17

TIK-A006-2017

EN 13813:2002 ≤ AR1-IR4

Synthetic resin screed.

Impact resistance	IR4

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