

TEKNOFLOOR AQUA

Floor paint

Water-borne acrylate based floor paint for indoor use. For new and previously with alkyd or acrylate paint painted concrete and wooden surfaces: floors and stairs, rooms, cellars, storage spaces etc. Finish: semigloss.



Suitable for unpainted and previously with alkyd, urethane alkyd or acrylate paints painted surfaces of concrete and wood: for floors, stairs etc. in dry spaces indoors as well as for rooms, cellars and storage spaces when the surfaces are affected by normal strain. May also be used on concrete surfaces in outdoor spaces, which are protected from weather.



TECHNICAL DATA

Certificates, approvals and classification	CE marking, Finnish Key Flag
Fields of application	Floors, Stairs
Recommended substrate	Concrete, Wood
Binder	Acrylic
Solids	Approx. 31% by volume
Volatile organic compound (VOC)	EU VOC limit value (kat A/i): 140 g/l. The product's VOC: max. 140 g/l.
Practical spreading rate	7 - 9 m ² /l.
Colours	Base paints 1 (white) and 3, which can be tinted to obtain the shades in Interior Colour Card. Ready-made shade: T4017.
Tinting system	Teknomix
Gloss (60°)	Semigloss
Thinner	Water.
Density	Approx. 1.2 g/ml
Storage	Must not freeze.
Packaging	0.9 l, 2.7 l, 9 l.

DIRECTION FOR USE

Surface preparation

Clean new surfaces from dust and dirt. Wash previously painted surfaces with RENSA SUPER paint cleaner. Matt down hard or gloss surfaces by sanding and thereafter remove the dust.

NEW CONCRETE SURFACES: The concrete must be at least 4 weeks old and well-hardened so that all moisture from casting is bound and the surface dry. The moisture of the concrete must not exceed 97% as relative humidity or 4% by weight (by 54 / BLY 12).

Remove dense laitance from steel trowelled concrete surface by sanding or etching. Sanding is the best method for removing laitance. Brittle and powdery surfaces are sanded until hard ballast layer appears. After sanding the cement dust is vacuumed or brushed away. The surface is etched if sanding can not be performed. Use RENSA ETCHING Etching liquid or diluted hydrochloric acid (1 part hydrochloric acid and 4 parts water). After the etching the floor is rinsed with water and allowed to dry.

OLD CONCRETE SURFACES: Unpainted greasy floors can be cleaned by emulsifying wash. After the emulsifying wash the floor is acid etched if it is covered with laitance. Loose and poorly adherent old paint coats and laitance can be removed by scraping or machine grinding. Wash previously painted surfaces with RENSA SUPER paint cleaner. Matt down hard or glossy surfaces by sanding and remove the dust.

NEW WOODEN SURFACES: Untreated wooden surface is cleaned and/or sanded even, if required. Sanding dust is removed.

OLD WOODEN SURFACES: Untreated wooden surface is cleaned and/or sanded even, if required. Sanding dust is removed. Remove loose and poorly adherent old paint coats by scraping or machine grinding. Wash previously painted surfaces with RENSA SUPER paint cleaner. Matt down hard or glossy surfaces by sanding and remove the dust.

FILLING and SMOOTHING: If required, holes and other irregularities can be filled with TEKNOFLOOR-KOVAKITTI Epoxy Putty or a cement-based filler which suits the hardness of the surface. Wooden surfaces are smoothed with putties that are intended for wood.

Priming

Unpainted, clean, dust-free and dry concrete or wood surface is primed with paint diluted 5 - 10 % by volume. Clean water is used for dilution. Wooden surfaces are sanded after 12 h drying, if needed.

Application method

Brush, Roller, Spray

Application

Stir thoroughly before use. Apply once or twice.
Suitable airless nozzle size 0.015 - 0.019".

Application conditions

The surface to be treated has to be dry. During the application and drying period the temperature of the ambient air, the surface and the product shall be above +10°C and the relative air humidity below 80%. Drying is faster in low air humidity and/or above + 21 °C. Application will be easier if air is humidified and/or temperature is lowered in the working space. Ventilation after the painting will quicken the drying.

Thinning

The paint is diluted with water 5 - 10 % by volume, if needed. Clean water is used for dilution.

Drying time

+23°C / 50% RH

-dust free

1 h

-overcoatable

4 h

-fully cured

7 d

The drying process will be slower in cold and/or damp.

Cleaning

Warm water and RENSA BRUSH brush cleaner. Wash the equipment immediately after use.

HEALTH AND SAFETY**Safety and precaution measures**

See safety data sheet.



0809

Teknos Oy, Takkatie 3, P.O. Box 107, FI-00371 Helsinki, Finland.

13

Declaration of Performance No. 0022

0809-CPR-1063

EN 1504-2:2004

Surface protection products – Coatings

Physical resistance (5.1)

Abrasion resistance	Requirement: Weight loss less than 3000 mg
Capillary absorption and permeability to water	Requirement: $w < 0,1 \text{ kg/m}^2 \times \sqrt{h}$
Impact resistance	Class I: $> 4 \text{ Nm}$
Adhesion strength by pull-off test	Requirement: Rigid system with trafficking: $\geq 2,0 (1,5) \text{ N/mm}^2$
Dangerous substances	See safety data sheet

Teknos Group Oy Takkatie 3, P.O.Box 107 FI-00371 Helsinki, Finland Tel. +358 9 506 091

The above information is normative and based on laboratory tests and practical experiences. The information is noncommittal, and we cannot accept liability for the results obtained under working conditions beyond our control, and consequently the buyer or the user is not released from the obligation to test the suitability of our products for specific means and application methods under the actual application conditions. Our liability covers only damage caused directly by defects in the products supplied by Teknos. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos' Technical Data Sheets and Safety Data Sheets are available from our homepage www.teknos.com. All trademarks displayed on this document are the exclusive property of Teknos Group or its affiliated companies.