



Rev 0
08/21



TEKNIFLOOR PT7 WO

Two-component transparent water-soluble finish with Matt Effect



DESCRIPTION

TEKNIFLOOR PT7 WO is a two-component water-soluble finish based on polyurethane and modified synthetic resins. The product complies with legislative decrees 161/2006.

GENERAL CHARACTERISTICS

TEKNIFLOOR PT7 WO after hardening the film has an opaque appearance (5 – 10 gloss), has excellent resistance to atmospheric agents and scratches. The TEKNIFLOOR PT7 WO has exceptional color stability and brilliance.

FIELDS OF APPLICATION

The high chemical and mechanical resistance of the dried film makes the product suitable for painting products that must withstand frequent washing with water and / or detergents, for painting parts that may come into contact with lubricating oils, solvents or fuels.

Generally the product is used in the following sectors:

- Industrial and civil floors
- Industrial and agricultural machinery
- Light and heavy carpentry
- Industrial Equipment
- Wood
- Concrete products

SPECIFICATIONS

Available colors	Transparent or Colored RAL
Density at 20°C	Appearance Opaco
Dry residue by weight according to colour	1,05 – 1,25 Kg/lt
Application viscosity: Ford cup 4 to 20 – 22 °C	45 – 55 %
Mixture ratio A : B by weight on finished product (A = base; B = hardener)	40 – 80 seconds
	100 : 20

AIR DRYING:

Pot-life (useful processing time) at 20°C UR 60 %	2 hours
Out of dust time at 20°C UR 60 %	20 minutes
Dry to the touch UR 60 %	3 hours
Dry in depth UR 60 %	24 hours

DRYING IN THE OVEN AT 60 – 65 °C:

Out of dust	15 minutes
Dry to the touch	50 minutes
Dry in depth	80 minutes

SHEET



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HOW TO USE

Mix the two components thoroughly in the indicated ratio.

After mixing the components, the product is ready for use for brush and roller applications, while it must be diluted with drinking water to a maximum of 20% for spray applications.

RECOMMENDED CYCLES

Concrete floors must be well seasoned, clean, degreased and dry; if necessary, they must be roughened by light sanding. Before applying the finishing enamel TEKNIFLOOR PT7 WO it is necessary to treat the surface with an anchoring epoxy base coat IDROPOTEK PRIMER H₂O. The TEKNIFLOOR PT7 WO has an excellent anchorage on new iron and alloys but to ensure an excellent and lasting corrosion protection it is advisable to apply it on anti-rust on a surface preferably sandblasted to SA 2.5 degree. On an already painted support, mechanically remove non-adherent paints, careful washing to eliminate dust or other pollutants, subsequent application of primer and two coats of TEKNIFLOOR PT7 WO.

APPLICATION

The product can be applied with normal airless painting systems or air mix. The application of the product at very low temperatures can slow down the hardening, thus avoiding the application at temperatures below 10 ° C.

The TEKNIFLOOR PT7 WO must be applied on supports whose temperature is at least 4 – 5 ° C above the dew temperature, otherwise glazing, opacification or dotting phenomena could occur. If you use the product in a paint booth make sure that there is a continuous exchange of air, this to avoid saturating the environment with moisture and thus prevent the evaporation of water from the support.

Instructions on the application can be provided by our technical department.

THEORETICAL YIELD

On average, for a dry film of about 30 microns, 85 to 200 g of product per² m is considered, subject to the support to be treated and the thickness required.

PACKS

Buckets from:

10 kg (A) + 2 kg (B) for Transparent

10 kg (A) + 1.6 kg (B) for the Colored RAL

STORAGE

In original and intact containers, protected from frost and excessive heat, the product is kept for about 6 months.

WARNINGS

Under normal conditions of use, the product is not harmful to its handlers. During the application do not eat, do not drink and do not smoke, use protective clothing such as gloves, glasses and mask.

LEGAL

The information contained in this technical sheet, although representing the most advanced stage of knowledge, does not exempt the user from performing accurate preliminary tests in their conditions of use and operation. We therefore decline any responsibility for the improper use of the product.

