

# OLTRE TOP 2K

## FLOOR SYSTEM



### PRODUCT DESCRIPTION

**Description** TOP 2K is a two-component polyurethane, water-based, transparent finish with a semi-opaque appearance.

**Intended use** Indoors

- Cement floors
- New, aged, homogeneous wall surfaces with two-coat plaster
- Cement wall surfaces, of lime cement mortar, already coated, painted or partially damaged

**Main features**

- Semi-opaque
- Waterproofing
- Walk-on, resistant to scratches and impacts
- Resistant to common household detergents and solvents

### Main technical data

Technical information	Method	Main data at 20°C and 60% of R.H.
Appearance and finish		Semi-opaque
Average consumption	ISO 7254	90 – 130 ml/m <sup>2</sup> (Depending on substrate absorption)
Sd, water vapour permeability (for 100 µm of thickness)	EN ISO 7783-2	< 2.2 m – Class 3
Wet-scrub resistant	ISO 11998	Class 1
Catalysis ratio in weight		3.5 (A): 1 (B) 1.75 kg of A for 0.5 kg di B

**Available colours**      Transparent

## LAYING

### Preparation of the product and dilution

Accurately mix the two components A and B in the recommended proportions (3.5:1 in weight) until you obtain a smooth mixture with an even colour. Wait a few minutes before using.

Dilute with water taking care to thoroughly the solution.

- Apply with a roller and brush: first coat 5÷10%, second coat max 5%
- Spray: delivery depends on the spraying machine, consult the supplier for adjustment parameters

### Application tools

- Brush with natural bristles
- Sponge roller specifically for enamel paint
- Compressed air and Airless

### Preparation of the substrate

The surface must be even and smooth, absorbent, dry and must not have any traces of rising damp. Any loose material or contamination (oil, grease, etc.) must be removed.

In the event of mould, clean and restore the surface before applying the product.

New skim coats must be left to cure for at least 7-10 days. For new concrete substrates, wait at least one month from pouring before applying the coating.

### Application system

Apply 2 coats of TOP 2K (3 coats in exceptional cases), spread the product carefully, wait until completely dried between one coat and the next.

For all other application information or technical tips, please refer to the "Oltre" Decorative System Technical Manual.

- Dust dry:
- Touch dry:
- Dry in depth:
  - For T= 20°C and RH=65% after 6h and no more than 24 h
  - For T= 10°C and RH=65% after 24h and no more than 48 h
  - For T= 30°C and RH=65% after 4h and no more than 48 h

### Conditions of application

- The substrate must be dry, free from dust, grease and any other polluting substance
- Ambient temperature: min. +10°C / max. +35°C
- Relative humidity of the environment: and substrate: <75%
- Substrate temperature min. +10°C / max. +35°C

**Known incompatibilities** None.  
For any use other than that indicated in this technical data sheet, contact our Technical Service.

**Cleaning of tools** With water.  
Clean used tools by removing as much paint as possible by repeatedly levering the inside edge of the can.  
Do not use running water.  
Immerse the tools in a minimum amount of solvent.

**Safety Precautions**

- Close the jar immediately after use
- Store tightly closed, away from sources of heat, protected from frost and direct sunlight
- The safety information for the user is contained in the relevant safety data sheet
- Empty containers or containers with slight traces of dried film of residual product must be disposed of in compliance with local regulations

**Warnings** Direct application on damp substrates must be avoided  
Store in a dry, well ventilated place with temperatures between 5°C and 25°C; protect from direct sunlight. Protect from frost!

## OTHER INFORMATION

**VOC classification (Directive 2004/42/EC)** Two-component, high performance paint. EU limit value for VOCs for TOP 2K (cat. A/j): 140 g/L (2010); TOP 2K (component A + component B) contains a maximum of. 10 g/L of VOC.

### Other technical information

Technical information	Method	Main data at 20°C and 60% of R.H.
Density	ISO 2811-1	Component A approx. 1.05 g/ml  Component B approx. 1.15 g/ml
Crack-bridging capability	EN 14891:2017 (A.8)	≥0.75 mm
Slip resistance	DIN 51130: 2004	R 10
Abrasion resistance	EN 13813	A < 6 cm <sup>3</sup> /50 cm <sup>2</sup>
Impermeability in positive pressure	EN 14891:2012 (A.7)	< 0.20 g No penetration
Stress resistance		Medium - 5 days after application  Maximum - 28 days after application
Storage life	UNI 10154	At least 12 months

**ITEM SPECIFICATIONS**

Application of **TOP 2K** water-based, two-component semi-opaque polyurethane enamel paint, applied to floors and walls, after treatment of the substrate, at the price of €/m<sup>2</sup> \_\_\_\_\_ excluding scaffolding, protection, cleaning and additional work.

All the technical indications contained herein are the result of our best experience, are indicative and do not constitute a guarantee of results. The data and methods shown on this technical data sheet can be modified at any time depending on any change in production technologies. The application of the products takes place outside our control and therefore falls under the sole responsibility of the customer. The correct use of the materials assumes compliance with the general requirements for use set out in the GENERAL CONSIDERATIONS page of the PRODUCT INFORMATION SHEETS collection and in particular with what is indicated in this sheet, especially with regard to the preparation and suitability of the supports. Cromology Italia spa offers technical support to users who require any further information in addition to the data provided herein.

THIS DATA SHEET REPEALS AND REPLACES ANY PREVIOUS EDITION.

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