

OTTURAPORI OTB + CT45

Technical Data Sheet

NAME:

OTTURAPORI OTB + CT45

TYPE:

transparent bi-component water-based resin for interiors applied with roller specially formulated for the inside of shower boxes and floors, for all surfaces in direct contact with water in the VALPAINT I-BETON PLUS, VALPAINT E-VOLUTION PLUS and VALPAINT E-VOLUTION EASY system.

USE:

It guarantees completely water-repellent and cleanable surfaces.

FEATURES:

specific weight: 1060 gr/L at 20°C

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viscosity:

10-11 m²/kg with one coat (it may vary depending on the roughness, porosity, surface absorption and application method)

yield:

glossy

aesthetic effect:

transparent

colours:

Kg. 0.4 - Kg. 1 - Kg. 3.3 KIT

packaging:

over painting

6 - 8 hours at 20°C with relative humidity lower than

DRYING TIME:

65%

CHARACTERISTICS AND RESISTANCE:

PARAMETER	STANDARD	RESULT	MARKING
ABRASION RESISTANCE (weight loss after 200 cycles)	ISO 11998	<30 mg L=2.5 g/m ²	UNI EN ISO 11998  ABRASION
SHORE HARDNESS	ASTM D 2240	75 Shore D	ASTM D2240-15  SHORE D

ENVIRONMENTAL PROPERTIES:

ABSENCE OF DANGEROUS SUBSTANCES	-	FREE	
FORMALDEHYDE EMISSION RATE, X	JIS A 1902-3	X< 0.005mg/m ² h F****	
VOC on ready to use product (OTTURAPORI 100 + CT45)	Directive 2004-42-EC	Max 20 g/L (EU limit 140 g/L) Cat. A/j	

PRODUCT PREPARATION: catalysis:

to be catalysed with CT45.

Mix thoroughly with a spatula and check that the material stuck to the sides or at the bottom of the can is mixed towards the centre to ensure perfect blending.

APPLICATION CONDITIONS:

Apply the product when the temperature of the room and of the surface is comprised between +15°C and +30°C, avoiding humid, rainy or foggy days with atmospheric humidity greater than 65%.

Make sure that the last coat of paint, whereon OTTURAPORI OTB + CT45 is to be applied, is perfectly dry, with a surface humidity of less than 3%. To avoid creating humidity in the room while the product is drying, it is recommended to use a dehumidifier suitably dimensioned for the room, possibly provided with a drain pipe to convey the water into a dedicated container or with an outlet if the tank of the machine is full.

Spraying an excessive amount of water in order to smooth METEORE 14 will extend the drying time. In case of doubts, check that humidity is always below 3%.

APPLICATION:

system: medium pile wool Roller PV 95
number of coats: 1

APPLICATION CYCLE:

FOR VALPAINT I-BETON PLUS: apply a thin layer of OTTURAPORI OTB + CT45 using a PV 95 medium-pile wool roller before the TOP COAT inside shower cabinets, and on floors or surfaces in direct contact with water. Check that the temperature of the product, room and surface is above 15°C and relative humidity is below 65%.

Wait for 18-24 hours at least at 20°C to ensure that OTTURAPORI OTB is completely dried. Then sand with 400-500 grit glass paper before applying two or three coats of TOP COAT AR60 LUCIDO (glossy), TOP COAT AR70 OPACO (matte) or bi-component satin TOP COAT AR50. After completing the application, in the areas in frequent contact with water (e.g. inside shower boxes and near tap fittings), seal the drains, mixers and faucets, as well as the corners between walls and floors and any ceramic skirting, etc., with a clear silicone sealant.

NB: Watch the video tutorial before the application.

FOR VALPAINT E-VOLUTION PLUS Smooth Effect and other Decorative Effects: clean the surface after 16 hours at 20°C to remove lumps and dust and apply a thin coat of OTTURAPORI OTB + CT45 with a Mohair wool Roller PV 31. Sand with 220-300 grit glass paper after 6 - 8 hours at 20°C and apply two coats of TOP COAT AR60 Lucido (glossy), TOP COAT AR70 Opaco (matte) or satin TOP COAT AR50.

FOR VALPAINT E-VOLUTION EASY Smooth Effect and other Decorative Effects: clean the surface after 16 hours at 20°C to remove lumps and dust and apply a thin coat of OTTURAPORI OTB + CT45 with a Mohair wool Roller PV 31. Sand with 220-300 grit glass paper after 6 - 8 hours at 20°C and apply two coats of TOP COAT AR60 Lucido (glossy), TOP COAT AR70 Opaco (matte) or satin TOP COAT AR50.

Application temperature: higher than +15°C and lower than +30°C.

IMPORTANT: it is essential to comply with the drying time for the good outcome of a work made with VALPAINT I-BETON PLUS, VALPAINT EVOLUTION PLUS and EASY decorative system. The data contained in this catalogue, as well as in the relevant technical data sheets, refer to standard constant environmental conditions (Temperature of 20°C and Relative Humidity of 65%). Conditions other than those indicated may alter drying times, even significantly. Between the application of one coat and the next, check that the relative humidity of the surface is always under 3% measuring it with the BM40 Hygrometer

Storage: in a tightly closed can, even after use, at a temperature higher than +10°C and lower than +30°C.

The can of non-catalysed product should be resealed immediately in order to avoid the absorption of humidity or carbon dioxide.

Stability: approximately 1 year in well-sealed, never opened cans.

NOTES: Mix very well before use. Wash the tools immediately after use with ethyl alcohol.

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