

## TOP COAT AR70 OPACO + CT80




### Technical and Environmental Data Sheet

<b><u>NAME:</u></b>	<b>TOP COAT AR70 OPACO+ CT80</b>
<b><u>TYPE:</u></b>	bi-component transparent finish with a mat effect
<b><u>USE:</u></b>	Specially formulated to have a mat and uniform final effect, resistant to chemical agents. Suitable for both walls and floors, on the VALPAIN E-VOLUTION line systems, VALPAIN I-BETON
<b><u>TECHNICAL DATA</u></b>	<b>specific weight:</b> 1.042 ± 30 gr/LT at 20°C (ISO 2811-1)
	<b>viscosity:</b> = = =
	<b>yield :</b> 12 – 20 m <sup>2</sup> /LT two coatings on GEL EP40+CT50
	7 – 9 m <sup>2</sup> /LT two coatings on Meteore 12 and on Meteore 14 Medio or Fine
	5,5 – 6,5 m <sup>2</sup> /LT three coatings on Meteore 12 and on Meteore 14 Medio or Fine (it may vary according to the roughness, porosity and surface absorption and to the method of application)
	<b>aesthetic effect:</b> mat
	<b>colours:</b> transparent
	<b>packaging:</b> KIT of Kg. 0,4 – Kg.1-Kg.3,3
<b><u>DRYING TIME:</u></b>	<b>dust free time</b> 20 minutes
	<b>on the surface:</b> 1 hour at 20°C
	<b>overpainting :</b> 6-8 hour at 20°C
	<b>walkability surface :</b> 48 hours at 20°C

**Drying times of the Valpaint I-BETON system:** the entire system hardens after 7 days at 20 ° C and reaches the best resistance to static loads after 28 days.

**ATTENTION:** the drying times of Valpaint I-BETON products play a fundamental role in the success of the work. Those indicated in the relative technical data sheets refer to constant standard environmental conditions (T = 20 ° C and relative humidity UR = 65%). Conditions other than those indicated can modify the drying times even considerably. If in doubt, wait at least 24/36 hours between one application layer and another in order to ensure complete drying.

### **CHARACTERISTICS AND RESISTANCE:**



PERFORMANCES	STANDARD RULE	VALUE	BRAND
RESISTENCE TO WASHING	UNI 10560	>20.000 Cycles	UNI 10560  WASHABILITY
HARDNESS SHORE	ASTM D3363	H-HB	ASTM D3363-05  HARDNESS
IMPACT RESISTENCE	-	1 kg, h= 100cm no cracking on GEL EP40 + CT50 and on Meteore 12 2 kg, h= 100cm no cracking on Meteore 14	ISO 6272-2  IMPACT

## CHARACTERISTICS AND RESISTANCE:

PERFORMANCES	STANDARD RULE	VALUE	BRAND
GLOSS	EN ISO 2813	Max 5,8 GU On smooth surface	-
QUVB 1000h	ISO 11507	Gloss loss <10%	-

Gloss measurement may vary based on roughness, color and overall surface reflectance. The values shown in the table were measured in the laboratory on standard surfaces.

## ENVIROMENTAL PERFORMANCES:

PERFORMACES	STANDARD RULE	VALUE	BRAND
ABSENCE OF DANGEROUS SUBSTANCES	-	FREE	
FORMALDEHYDE ISSUE RATE, X	JIS A 1902-3	X<0.005mg/m <sup>2</sup> h F*****	

## PREPARATION OF THE PRODUCT:

**catalysation:** to catalyse with CT80

The Top Coat AR70 must be catalyzed with CT80, mixing it very well with a spatula and making sure that the material attached to the walls of the can flows into the middle to be well mixed. The CT80 catalyst is very resistant to humidity, so once the can has been opened, it must be used completely or carefully closed. The application must be done within 1 hour at 20 ° C from mixing.

## APPLICATION:

**system:** Sponge trowel or Mohair woolen roller  
**coats:** 2

## APPLICATION CYCLE:

**FOR VALPAIN E-VOLUTION Marbled Effect or Other Decorative Effects:** to make the surface more uniform, while maintaining the final mat effect, wait 18 - 24 hours at 20 ° C to allow the EP40 Gel to solidify. Then sand only the parts with lumps and imperfections with 400/500 sandpaper, then apply two coats of two-component Top Coat AR70 Opaco with a compact sponge roller PV 109 or 110. Always wait 6 - 8 hours at 20 ° C between the first and second coat. In any case, do not wait more than 24 hours at 20 ° C.

**FOR VALPAIN E-VOLUTION Smooth Effect:** After 12 hours at 20 ° C from the application of Meteore 12, apply two coats of Top Coat AR70 Opaco with Mohair PV 31 wool roller. Always wait 6 - 8 hours at 20 ° C between the first and second coat. In any case, do not wait more than 24 hours at 20 ° C.

**FOR VALPAIN I-BETON:** After 12 hours at 20 ° C from the application of Meteore 14 Medio or Fine, clean the surface from any lumps and dust before finishing the decoration with the Top Coat AR70 Opaco to have a final mat effect protected by 'water. Apply two or three coats of Top Coat AR70 Opaco with a Mohair PV 31 wool roller.

Wait 6 - 8 hours at 20 ° C between the first and second coat. In any case, do not wait more than 24 hours at 20 ° C.

**Application temperature:** higher than + 5 ° C and lower than + 30 ° C.

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**Storage:** in well-closed can, even after use, at a temperature superior to + 10 ° C and inferior to + 30 ° C.

**Stability:** approximately 1 year, if the containers are well sealed and never opened

### NOTES:

Mix carefully the product before use. Wash the tools soon after use with ethyl alcohol or with water.

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