

Line: Finishing products	Type: 2:1 anti-scratch transparent special finishes "AIR" exsiccation
Category: 2k special finishes	Code: 2032.01

Name or commercial logo: **CLEAR COAT 240 AIR**

**Nature:** bicomponent coating composed by acrylic resins, added with anti-scratch additives and UV filters. Activated by polyisocyanate resins (ratio 2:1 catalysis).

**Use:** multilayer transparent finishing used to make partial/total remaking or adjustments in double layer coating cycles on opaque bases, pastel, metallic, crystal and opalescent effect to give them specular qualities, clearness, gloss and improve resistance qualities against weathering and chemical/physical agents. It increases the resistance to the scratches.

**Peculiarities:**

- the emissions of volatile organic compounds is concordant with requirements of Directive 2004/42/EC;
- rapid air drying (4h at 20°C), it allows a considerable economy in work time, thermic and electric energies and money;
- excellent resistance to scratches and to the impact with gravel. The final coat presents excellent specular quality, durable clearness and gloss. Non-yellowing and easily polish;
- compatible with water-based coats.













**Physical features:**

Aspect:	Transparent liquid, free from extraneous material	Supply viscosity	0,124 Pa*s (Brookfield: RV 2, rpm 100)
Color:	Colorless	Dry residue (mixing A+B):	39% (± 2%)
Odour:	Typical of solvents	Theoretical yield (mixing A+B+C):	3,2 m <sup>2</sup> /l for 100 µm
Specific weight:	0,961 kg/l (± 0,010 kg/l)		


  

Directive 2004/42/CE:	all. II B/e - special finishes, all kinds maximum VOC content limit value expressed in g/l of ready for use product (1.1.2007):	840
	CLEAR COAT 240 AIR ready for use (+50% of HARD AC 240 standard hardener, +10% of ACRYLDIL thinner, volume parts) VOC expressed in g/l:	602

**Applicative data:**

	Clean carefully the surface to eliminate paints fumes or every trace of grease, oil, silicone, fingerprints, glue and dust by means of an anti-silicone thinner for washing (our type NOSIL SN/184).		
	CLEAR COAT 240 AIR special finish: 100 ml 100 g HARD AC 240 hardener: 50 ml 49,9 g ACRYLDIL thinner: 5-10 ml 4,7-9,5 g	Carefully mix and filter before pour into airbrush cup.	
	Pot life at 23 °C: 20'	 Application viscosity: 17" Ford cup Ø 4 at 23 °C	
	Type: high transfer efficiency nozzle Ø 1,2 - 1,3 pressure at the nozzle 1,8 - 2,2 bar	Type: HVLP Not recommended	 Two full coats at interval of 5 minutes. Advised final thickness: max 40 + 50 µm
	Dust free at 23 °C: 8'	 Dry to the touch at 23 °C: 50' 60 °C: 15'	
	Dry to the touch: /		Ready to assembly at 23 °C: 3h at 60 °C: 30'
	Total dry (23 °C): 24 h		
	The product lifetime is of 12 months from delivery date, if the product is stored in a dry place at temperature between 10 °C and 35 °C, in unopened original containers, away from sparks and flames, according to general sales conditions.		

**Warnings & Precautions:**

	<ul style="list-style-type: none"> <li>- Read carefully the Safety Data Sheet before use;</li> <li>- Product specifically for PROFESSIONAL USE;</li> <li>- Respect all laws in force concerning the use of polyurethane products;</li> <li>- Store and apply the product at a temperature not inferior to 20 °C;</li> <li>- <b>Apply the product on perfectly dried supports;</b></li> <li>- Ensure that the temperature of the support to be treated is compatible with the product storage temperature;</li> <li>- Avoid using A+B mix that has exceeded the pot-life time, the final film might not stick well.</li> </ul>
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Consumer information:

The information here contained are based on our knowledge at the moment. We reserve the right to make changes in the characteristic data of the product in relation with technological progress or productive developments. Due to factors beyond our control in the applicative phase of the product, the information here contained are not a form of guarantee for specific qualities of the product itself, nor its suitability for a specific application. If a responsibility is determined, this will be limited to the value of the provided products used by the consumer. We guarantee however the constancy in the quality of our products. Our responsibility concerns only the area of the General Sales Conditions. This Technical Data Sheet supersedes all the previous.

