

Auxiliaries

820 Quick Drying Additive

Product Description


Drying accelerator for use in 2K topcoats/clears. The addition of 820 will accelerate the chemical reaction between the hardener and the acrylic resin of the products.

Technical Characteristics

Colour: transparent Shelf life: 36 months at 25°C

Pre-treatment

As specified in the TDS of the product in which 820 is being used – Solid Topcoat, 2K Clears.



Mixing Ratio

Mix the 2K products with hardener and thinner as specified in the TDS. Use the amount of ready-for-use product to determine the amount of 820 to be added.

Important:
The addition of 820 will reduce the pot life of the product.
820 can NOT be used as hardener.

Use a fast thinner when working in low temperatures (5°C – 15°C).
1% of 820 = 2.5 capfuls of 820 per litre of ready-for-use product (base + hardener + thinner)

1) Drying in low temperatures
The normal application temperature for paint products is 25°C. If the application temperature is lower, the following percentages apply:

Temperature	10°C – 15°C	0 – 10°C	< 0°C
820 (2K Solids)	0.5 – 1 %	1 – 1.5 %	2 %
(2K Clears)	1 – 1.5 %	1.5 – 2 %	3 %
(2K Primer)	1 – 1.5 %	1.5 – 2 %	3 %

2) Accelerating drying
The baking time for 2K products at 60°C is 60 minutes. When refinishing individual panels, it is possible to reduce the baking time to 30 minutes at 60°C if the following percentages are respected:

820	2K Solids	2K Clears	2K Primer
	0.5%	1%	1 – 2%

820 should always be used in small amounts (3% max). If you add too much 820, you will risk loss of gloss or paint film embrittlement.

The products are suitable for professional use only. The data contained in this publication are based on our current knowledge and experience. You can obtain the latest version of technical data sheet directly from your supplier.

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