

# DIAMONTOP MS

## C 1410

### MS premix clear coat variant JET 5

- Application:** Drying accelerator for use in 2-component polyurethane products.
- Key Features:** The addition of JET 5 will accelerate the chemical reaction between the Isocyanate hardener and the acrylic resin of the products.
- Remarks:** Mix the 2-component polyurethane product with hardener and thinner as specified in the technical data sheet. Use the amount of ready-for-use product to determine the amount of JET 5 to be added.
- Important:** The addition of JET 5 will reduce the potlife of the product. Use a fast thinner when working in low temperatures (approx. 12°C). 1% of JET 5 = 1 capful of JET 5 per liter of ready-for-use product (base + hardener + thinner). JET 5 should always be used in small amounts (4 % max.). If you add too much JET 5, you will risk loss of gloss.
- Drying in low temperatures:** The normal application temperature for paint products is 20°C. If the application temperature is lower, the following percentages apply:
- 12°C: + 2% JET 5
  - 15°C: + 1,5% JET 5
  - 18°C: + 1% JET 5
- Accelerated drying:** The stoving time for 2-component polyurethane products at 60°C (panel temperature) is 30 minutes. When refinishing individual panels, it is possible to reduce the stoving time to 20 min. at 60°C (panel temperature) if the following percentages are respected:
- + 1% JET 5

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<b>Solid Content</b>	33 % +/-2
<b>Density</b>	0.89-0.99 g/cm <sup>3</sup>
<b>Storage temperature</b>	5-45 °C
<b>Shelf life</b>	36 months

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#### Safety advice:

It cannot be ruled out that this product contains particles < 0.1 µm.

The products are suitable for professional use only.

For the use of this product please adhere to the actual safety recommendations and the personal protective equipment.

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the products for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information purpose only; they may change without prior information and do not constitute the agreed contractual quality of the products (product specification). The latest version supersedes all previous versions. You can obtain the latest version from our website at [www.rmpaint.com](http://www.rmpaint.com) or directly from your sales partner. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.



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5:1



**Mixing Ratio**

100 Parts by volume C 1410 MS premix clear coat (alternatively: 100 g)



**Hardener**

20 Parts by volume H 9000 Hardener, medium (alternatively: 21 g)

**Additiv**

1-2 Parts by volume A 2150 Drying accelerator



**Spray viscosity at 20°C**

DIN 4: 15-17 s  
ISO 4: 27-32 s

**Potlife at 20°C**

1 h



**HVLP spray gun**



**Compliant gravity-feed spray gun**

<b>Application pressure</b>	<b>bar</b>		2
<b>Nozzle pressure</b>	<b>bar</b>	0.7	
<b>Nozzle size</b>		1.3	1.3-1.4
<b>Number of spray coats</b>		1 thin + 1 wet coat	
<b>Flash off at 20°C</b>	<b>min</b>	Important: Stove immediately after paint application (no flash-off).	
<b>Film thickness</b>	<b>µm</b>	50-60	

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## Drying



Drying at 20°C

Dust free after 45-60 min

Drying at 60°C

20-30 min

Please note: For automotive refinish, repair instructions of vehicle manufacturers, in particular regarding installed sensor technology, must always be observed in addition to the processing instructions given within this document.

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