

DIAMONTOP MS

C 1410

MS premix clear coat variant FLEX

- Application:** Plasticizer for the use in R-M polyurethane products (2K fillers, 2K topcoats, 2K clears).
- Key Features:** FLEX increases the flexibility of polyurethane products, making it possible to paint plastics and composites regardless of their flexibility.
- Remarks:**
- The amount of FLEX to be added to the 2K products varies and depends on the flexibility of the plastic to be painted.
 - Do not add FLEX to the clear when applying a clear-over-base system with ONYX HD to rigid plastics.
 - The addition of FLEX does not change the potlife significantly.

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



Mixing Ratio 100 Parts by volume C 1410 MS premix clear coat



Hardener 25 Parts by volume H 9000 Hardener, medium

Additiv 20 % by weight A 2420 Plasticizer for polyurethane products



Spray viscosity at 20°C DIN 4: 15-17 s **Potlife at 20°C** 4 h
ISO 4: 27-32 s

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.



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

Drying



Drying at 20°C Fully cured after 24 hours

Drying at 60°C 30 min



Infrared (short wave) 8 min

Drying Remark

The addition of FLEX increases the drying times of the products. Do not force-dry refinishes on PU foam because this might lead to pin holing defects.

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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