

## Product Information

Mipa 2K-HS-Clear coat CS 90 is a two components acrylic clear coat in high-solid quality of high scratch resistance. Based on reflow technology, this product provide an outstanding protection coupled with resistance to microscratches (e.g. by car wash) and chemicals. Therefore it is especially recommended for high quality complete or partial painting of cars, motorcycles and commercial vehicles. Mipa 2K-HS-Klarlack CS 90 is a high performance product for clear over base process with utility across a broad range of solventborne or waterborne paint systems. Fulfils the requirements for VOC regulations. Consumption: 6 - 8 m<sup>2</sup> / l.

Colour shade	transparent			
Mixing ratio	2:1 by volume with 2K-MS-Härter / 2K-Härter H 5 3:1 by volume with 2K-HS-Härter			
Hardener	Mipa 2K-MS-Härter MS 10, MS 25 or MS 40 Mipa 2K-HS-Härter HS 10, HS 25 or HS 35 Mipa 2K-Härter H 5 (only for Spot-Repair)			
Dilution	Ready to use after addition of 2K-HS-Hardener and up to max. 5 - 10 % Mipa 2K-Verdünnung)  Ready to apply by spraying after addition of 2K-MS-Härter / 2K-Härter H 5			
Spraying viscosity 20° C	18 - 20 s 4 mm DIN			
Application	spraying pressure	spraying nozzle	spraying operations	
Air / Flowjar - Spray gun	2 - 2.5 bar	1.2 - 1.4 mm	1 - 2	
HVLP	2 - 2.5 bar (nozzle int.pressure 0.7 bar)	1.2 - 1.4 mm	1 - 2	
Pot life	1 - 6 h			
Coat thickness / dry film	40 - 50 µm			
Curing time / Flash off time	5 - 10 min. between the spraying operations			
Dry	recoat time	dust dry	set to touch	full hardness
Object temp. 20° C Object temp. 60° C		25 - 30 min. 5 min.	6 - 8 h 30 min.	24 h 1 h
VOC content	EU limiting value for the product (cat. B/e): 840 g/l Ready to use, this product contains max. 500 g/l VOC [4.17 lbs/gal]			

**Recommendations:** Operation conditions: from + 10 °C and up to 75% relative air humidity. By BC paints apply a thin film (sticking operation), flash off approx. 3 - 5 min. and then recoat by 1 - 2 normal spraying operations. Shelf life of at least 3 years, if stored in tightly closed original containers.

This data sheet is for information purpose only! To our knowledge the data provided complies with the latest standard and is based on years of experience in the manufacture of our products. However the data is not binding and without warranty. Please follow recommendations stated on the relevant safety data sheet and precautions stated on the product label. We reserve our right to make additions, deletions, or modifications to the information at any time without prior notification.