

Mipa 2K-WBS-Klarlack is a VOC compliant acrylic clearcoat especially recommended for waterborne "clear-over-base" applications as complete or partial coating of cars and commercial vehicles. In particular, there is a top coat of high gloss and optimal levelling for all common water-borne and solvent-borne paints. Mipa 2K-WBS-Klarlack is optimal sandable immediately after force drying. Excellent durability against all climatic circumstances, as well as chemical and mechanical resistance. Consumption: 10 - 12 m² / l.

Colour	transparent			
Mixing ratio	4:1 by volume			
Hardener	Mipa Härter WPU 9430-25			
Dilution	15 - 20 % Mipa WBS VE-Wasser or WBC-Verdünnung			
Spraying viscosity 20° C	18 - 24 s 4 mm DIN			
Application	spraying pressure	spraying nozzle	spraying operations	
HVLP	2.5 - 3 bar (nozzle int. pressure: 0,7 bar)	1.3 - 1.4 mm	½ spraying operation + 1 levelling coat	
Air / Flowjar	3 - 5 bar	1.3 - 1.5 mm	½ spraying operation + 1 levelling coat	
Pot life (20 °C)	1.5 - 2 h Attention: The end of the pot life is not connected with a gradual increase of the viscosity. A change in gloss and pinholes can occur by using a product longer than its pot life. The chemical and mechanical resistance could be also diminished.			
Coat thickness / dry film	50 - 60 µm			
Flash off time	15 - 30 min. between the spraying operation			
Dry	recoat time	dust dry	set to touch	full hardness
Object temp. 20° C		1 h	6 - 8 h	24 h
Object temp. 60° C		20 min.	45 min.	1 h
VOC legislation:	EC limiting value for the product (cat. B/d): 420 g/l (2007). This product contains max. 276 g/l VOC [2,30 lbs/gal]			

Recommendation:

Process conditions: from + 10 °C and up to 75% relative air humidity

Homogenise first thoroughly the base tinter with the hardener and only after that dilute with water Mipa VE-Wasser. Do never add water to the hardener.

Please note: when still wet the clearcoat may show a white turbidity which disappears after drying. Obviously, this is a system characteristic.

Marking	VbF	Hazardous materials ordinance
Mipa 2K-WBS-Klarlack	n/a	not applicable

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.