

2K MS Matting Clear

Clearcoat


31/03/2023

L1.05.03 AUS

DESCRIPTION

2K MS Matting Clear is a two-pack transparent matting clearcoat is for reducing the gloss level on plastic car parts. Any matting level can be achieved when used in conjunction with Lesonal clearcoat.

Mixed with 728 C / 728 CC Hardener

Mixing ratio		2	2K MS Matting Clear
		1	Lesonal 2K Hardener 728 C / 728 CC
		10%	Lesonal Multi Thinner 810 (any)

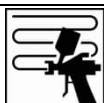
Equipment



Spray gun set-up:
1.3-1.5 mm

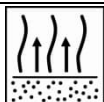
Application pressure:
1.7-2.2 bar at the air inlet
HVLP max 0.7 bar at the air cap

Application



2 x 1 coat
Apply two coats; allow to become touch dry between each coat.

Flash-off



Between coats
5-10 minutes at 20°C

Drying time



Drying	20°C	60°C
2K Hardener 728 C	8 hours	35 minutes
2K Hardener 728 CC	9 hours	40 minutes

Protection



Use suitable respiratory protection
Akzo Nobel Car Refinishes recommends the use of fresh air supply respirator

Read complete TDS for detailed product information

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PRODUCT AND ADDITIVES

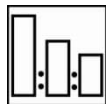
Product	2K MS Matting Clear Hardener
	2K Hardener 728 C For general low bake use on repairs from a single panel up to a complete respray.
	2K Hardener 728 CC For repairs at temperatures of 30°C and up.
	Thinner Lesonal Multi Thinner 810
Basic raw materials	2K MS Matting Clear; polyester resin 2K Hardener 728; polyisocyanate resin

METHOD OF USE

Suitable substrates Existing finishes, Lesonal Basecoat SB 120 MM

Mixing

2	2K MS Matting Clear
1	Lesonal 2K Hardener 728 C / 728 CC
10%	Lesonal Multi Thinner 810 (any)



The following gloss levels can be achieved by mixing 2K MS Matting Clear with Lesonal Clearcoat. This table can be used only as a guide for the different gloss levels.

Note: Always sprayout, check and compare different gloss levels before application

<u>Mixing Ratio</u>	<u>Gloss Level</u>
100 % 2K MS Matting Clear	(= matt)
4 volumes – 2K MS Matting Clear 1 volume – 2K Clearcoat 288 HS	(= low-semi-gloss)
3 volumes – 2K MS Matting Clear 2 volumes – 2K Clearcoat 288 HS	(= semi-gloss)
1 volume – 2K MS Matting Clear 1 volume – 2K Clearcoat 288 HS	(= semi-gloss)
2 volumes – 2K MS Matting Clear 3 volumes – 2K Clearcoat 288 HS	(=semi-high-gloss)

After mixing 2K MS Matting Clear with 2K Clearcoat 288 HS in the desired proportions, stir the mixture thoroughly and add hardener and thinner as per the recommended mixing ratio.

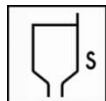
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Viscosity 17-20 sec DIN cup 4 at 20°C.



Spray gun set-up / application pressure	Spray gun Gravity feed	Fluid tip-set-up 1.3-1.5 mm	Application pressure 1.7-2.2 bar at the spray gun air inlet HVLP max 0.7 bar at the air cap
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APPLICATION TECHNIQUE

Application process & blending Apply two coats, allow to become touch dry between each coat. Generally this will take between 5 to 10 minutes. This time will be very much influenced by the product combination used and the application conditions.



Pot-life 2K MS Matting Clear 2 hours at 20°C

Drying times



		2K MS Matting Clear	
		Hardener 728 C	Hardener 728 CC
20°C	Dust dry	20 mins	20 mins
	Dry to handle	8 hrs	9 hrs
30°C	Dust dry	15 mins	15 mins
	Dry to handle	6 hrs	7 hrs
60°C	Dust dry	5 mins	5 mins
	Dry to handle	35 mins	40 mins

Cleaning of equipment Use Lesonal Multi Thinner 810 (any).

VOC The theoretical VOC content of this product in ready to use form is max 613 g/liter.

Product storage Product shelf-life is determined when products are stored unopened at 20°C. Avoid extreme temperature fluctuation. Product shelf life data see TDS S9.02.01

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FOR PROFESSIONAL USE WITH SUITABLE HS&E EQUIPMENT

IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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