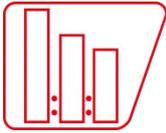


Technical Information

Wanda 840 Clear VHS Slow —W1.05.10



Two pack VOC compliant clearcoat to be used over Wandabase WB. For spot repairs up to total resprays in warmer conditions. Wanda 840 Clear VHS has an excellent gloss, appearance and durability with a quick drying time.



Mixing ratio

2: 840 Clear VHS Slow

1: 330 Hardener HS

10%: 130 Thinner HT/ 140 Thinner HS / 190 Thinner HS Slow



Mixing stick

Use Wanda measuring stick

W2



Equipment

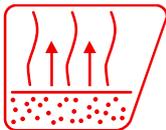
Spray gun set-up: 1.2-1.4 mm

Application pressure: 1.7-2.2 bar



Application

2 x 1 coat



Flash-off

Between coats: 3-10 minutes

Before curing: 5-10 minutes



Drying

130 Thinner HT:

140 Thinner HS:

190 Thinner HS Slow:

20°C

6 hours

2 hours

10 hours

60°C

40 minutes*

30 minutes*

40 minutes*

*Object temperature



Protection

Use suitable respiratory protection.

AkzoNobel Vehicle Refinishes recommends the use of a fresh air supply respirator.

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Product and Additives

840 Clear VHS Slow
330 Hardener HS
130 Thinner HT
140 Thinner HS
190 Thinner HS Slow

Basic Raw Materials

840 Clear VHS Slow: Acrylic resins
Hardener: Poly-isocyanate resins

Suitable substrates

OEM Finishes
Wandabase WB

Mixing Ratio

2: 840 Clear VHS Slow
1: 330 Hardener HS
10%: 130 Thinner HT /140 Thinner HS / 190 Thinner HS Slow

Use measuring stick **W2**

Viscosity

16-18 seconds DIN Cup 4 at 20°C

Potlife

140 Thinner HS	45 minutes at 30°C
130 Thinner HT	2 hours at 30°C
190 Thinner HS Slow	2 hours at 30°C

Spray gun set up and application pressure

	Fluid tip	Pressure
Gravity feed	1.2-1.4 mm	1.7-2.2 bar*
		HVLP max 0.7 at air cap

*See user manual spray gun used

Application

Apply a flowing closed coat, allowing for a 3-10 minutes flash-off time at 20°C.
Next, apply a full flowing coat allowing for a 5-10 minutes flash-off time at 20°C before bake.

Cleaning of equipment

Use Wandabase Guncleaner

Film thickness

Recommended application (2 coats)	45-60 µm
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	30°C	60°C
Drying times		
140 Thinner HS		
Dust dry	60 minutes	15-20 minutes
Dry to handle	3-4 hours	35 minutes
130 Thinner HT		
Dust dry	90 Minutes	15-20 minutes
Dry to handle	3-4 hours	35 minutes
190 Thinner HS Slow		
Dust dry	90 minutes	15-20 minutes
Dry to handle	4 hours	40 minutes
Infra-Red:	5 minutes low power	8 minutes high power

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Theoretical coverage	Ready for use mixture at 1 micron layer thickness: $\pm 522 \text{ m}^2/\text{liter}$ The practical coverage depends on many factors i.e. shape of the object, roughness of the surface, application method and application circumstances.
Polishability	Ready to polish minimum 1 hour after cooling down to ambient temperature (after full drying cycle)
Product storage	Avoid extreme temperature fluctuations.
Shelf life	Product shelf-life is determined when products are stored unopened 840 Clear VHS Slow: 1 year at 20°C.
VOC	2004/42/II B(d)(420)420 The EU limit value for this product (product category: IIB.d) in ready to use form is max. 420 g/liter VOC. The VOC content of this product in ready to use form is max. 420 g/liter.

Akzo Nobel Car Refinishes B.V.
Address: Rijksstraatweg 31, PO Box 3, 2170 BA Sassenheim
Tel: +31(0)71308-6944

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 fulfil 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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Head Office

Akzo Nobel Car Refinishes B.V., PO Box 3, 2170 BA Sassenheim, The Netherlands. www.Wandarefinish.com