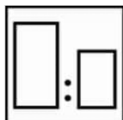


Two pack VOC compliant clearcoat with powerful air-dry properties to be used over Lesonal basecoat WB and Lesonal solvent SB. For small spot repairs up to total resprays with excellent final finish when used in low or high temperature conditions.

### STANDARD APPLICATION



#### MIXING RATIO

2 Lesonal Clear DUO UHS  
 1 Lesonal Clear DUO UHS Hardener  
 10% Lesonal Clear DUO UHS Thinner Standard / Fast



#### MIXING STICK

Use Lesonal mixing stick



#### EQUIPMENT

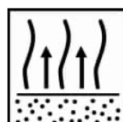
Spray gun set-up: 1.2-1.4 mm  
 Application pressure: 1.7-2.2 bar at the air inlet\*

\*See user manual spray gun



#### APPLICATION

½ + 1 coat  
 First apply a medium closed coat, followed by a full coat



#### FLASH-OFF

3-5 minutes between coats  
 5 minutes before curing



#### DRYING

	20°C	40°C	60°C
Thinner UHS Standard	4 hrs	2 hrs	20 min
Thinner UHS Fast	1.5 hrs	1 hr	20 min

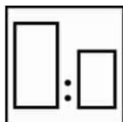


#### PROTECTION

Use suitable respiratory protection. AkzoNobel Vehicle Refinishes recommends the use of a fresh air supply respirator.

Two pack VOC compliant clearcoat with powerful air-dry properties to be used over Lesonal basecoat WB and Lesonal solvent SB. For small spot repairs up to total resprays with excellent final finish when used in low or high temperature conditions. Lesonal Clear DUO UHS has an excellent gloss, appearance and durability with a quick drying time.

### HT APPLICATION



#### MIXING RATIO

2	Lesonal Clear DUO UHS
1	Lesonal Clear DUO UHS Hardener
10%	Lesonal Clear DUO UHS Thinner Standard



#### MIXING STICK

Use Lesonal mixing stick



#### EQUIPMENT

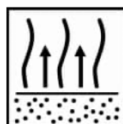
Spray gun set-up: 1.2-1.4 mm  
Application pressure: 1.7-2.2 bar at the air inlet\*

\*See user manual spray gun



#### APPLICATION

½ + 1 coat  
First apply a medium closed coat, followed by a full coat



#### FLASH-OFF

3-5 minutes between coats  
5 minutes before curing



#### DRYING

	<b>30°C</b>	<b>40°C</b>	<b>60°C</b>
Thinner Standard	3 hrs	1.5 hrs	15 min



#### PROTECTION

Use suitable respiratory protection. AkzoNobel Vehicle Refinishes recommends the use of a fresh air supply respirator.



PRODUCT  
AND  
ADDITIVES

Lesonal Clear DUO UHS

Lesonal Clear DUO UHS Hardener  
Lesonal Clear DUO UHS Thinner Fast  
Lesonal Multi Matt Clear and Lesonal LV Matt Effect Clear: For adjusting the preferred gloss level

BASIC RAW  
MATERIALS

Lesonal Clear DUO UHS acrylic resins  
Lesonal Clear DUO UHS Hardener: poly-isocyanate resins

SUITABLE  
SUBSTRATES

Existing finishes  
Lesonal basecoat WB  
Lesonal solvent SB

MIXING

2 Lesonal Clear DUO UHS  
1 Lesonal Clear DUO UHS Hardener  
10% Lesonal Clear DUO UHS Thinner Fast  
*Use Lesonal mixing stick*

**By weight**

100 Lesonal Clear DUO UHS  
50 Lesonal Clear DUO UHS Hardener  
9 Lesonal Clear DUO UHS Thinner Fast

VISCOSITY

16-17 seconds DIN Cup 4 at 20°C  
15-16 seconds DIN Cup 4 at 30°C

POTLIFE

Thinner UHS Standard: 3 hours at 20°C  
Thinner UHS Fast: 45 minutes at 20°C  
Thinner UHS Standard: 2 hours at 30°C

SPRAY GUN FLUID  
TIP AND WORKING  
PRESSURE

**Spray gun:** Gravity feed  
**Fluid tip:** 1.2 - 1.4 mm  
**Pressure:** 1.7 – 2.2 bar (see user manual spray gun)  
HVLP max 0.7 at air cap

APPLICATION

First apply a medium closed coat, next apply a full coat after indicated flash off time  
This time can be greatly influenced by the conditions at the time of application

CLEANING OF  
EQUIPMENT

Use Guncleaner or nitrocellulose thinner



Recommended application (2 coats):

45-60 µm

## FILM THICKNESS

## DRYING

	20°C		40°C		60°C	
	Dust dry	Dry to handle	Dust dry	Dry to handle	Dust dry	Dry to handle
Thinner UHS Standard	1.5-2 hrs	4 hrs	45 min	2 hrs	15 min	20 min
Thinner UHS Fast	30-45 min	2 hrs	15 min	1 hr	10 min	20 min

Dry to handle after

2 minutes low power

6 minutes high power

## INFRA RED

### THEORETICAL COVERAGE

Ready for use mixture at 1 µm layer thickness:

± 522 m<sup>2</sup>/liter

*The practical coverage depends on many factors i.e. shape of the object, roughness of the surface, application method and application circumstances.*

Ready to polish minimum 30 – 60 minutes after stated drying times.

## POLISHING

## REDUCING GLOSS LEVEL

For reducing the gloss level - Lesonal Multi Matt Clear and Lesonal LV Matt Effect Clear

### PRODUCT STORAGE

Product shelf life is determined when products are stored unopened at 20°C. Avoid extreme temperature fluctuation.

## SHELF LIFE

Lesonal Clear DUO UHS	2 years at 20°C
Lesonal Clear DUO UHS Hardener	1 year at 20°C
Lesonal Clear DUO UHS Thinner	1 year at 20°C

### VOC

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. 400 g/liter.



## TECHNICAL INFORMATION LESONAL CLEAR DUO UHS

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AkzoNobel Car Refinishes Australia Pty Ltd  
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Tel: +61 3 9644 1711

### 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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