

2K HS Fast Clear 420

LESONAL

Technical Data Sheet

November 2016

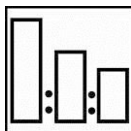
L1.05.09 UK & Ireland

Clearcoats

Description

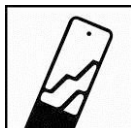
A complete 2 component clear system, suitable for use on all types of repairs, in most application conditions. Gives high quality results with a brilliant gloss level at an economical price. Two coat application maximizes paintshop efficiency.

Mixing ratio



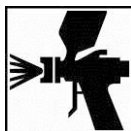
5	2K HS Fast Clear 420
3	HS Hardener 420
1	Reducer Clear 420 or Accelerator

Mixing stick



P

Equipment



Spray gun set-up:
1.2-1.4 mm

Application pressure:
2 – 2.2 bar*

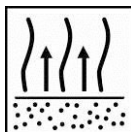
*Refer to user manual spraygun used

Application



2 x 1 coat

Flash-off



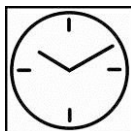
Between coats

Before curing

0 - 5 minutes at 20°C

3 - 5 minutes at 20°C

Drying



Accelerator	2 hrs 45 min	15 minutes
Reducer Clear 420	3 hours	20 minutes

20°C

60°C

Protection



Read complete technical data sheet for detailed product information

Description

A complete 2 component clear system, suitable for use on all types of repairs, in most application conditions. Gives high quality results with a brilliant gloss level at an economical price. Two coat application maximizes paintshop efficiency.

Product and additives

Product	2K HS Fast Clear 420 For all repairs from spot up to a total respray
Hardener	HS Hardener 420 For all repairs from spot up to a total respray
Thinners	Reducer Clear 420 For all repairs from spot up to a total respray
Accelerator	Lesonal Accelerator

Chemical Basis

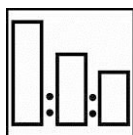
2K HS Fast Clear 420	– Acrylic resins
HS Hardener 420	– Polyisocyanate resins
Reducer Clear 420	– A blend of organic solvents

Method of use

Substrates

Lesonal Basecoat WB
Lesonal Basecoat WB GT

Mixing Ratio

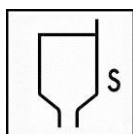


5 volumes - 2K HS Fast Clear 420
3 volume - HS Hardener 420
1 volume - Reducer Clear 420 / Accelerator

Mixing stick P

Mix in a parallel sided container and stir well before use

Spraying Viscosity



15-17 sec. DIN Cup 4 at 20°C.

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Spraying pressure



Spraygun

HVLP Gravity
LVLP/HR Gravity

Fluid opening

1.2-1.4 mm
1.2-1.4 mm
Refer to user manual spraygun used

Spraying pressure

0.7 bar (at air cap)
2-2.2 bar (at air inlet)

Application



Apply a first light closed coat, after 3 to 5 minutes flash off apply a flowing second coat.
Allow 3 - 5 min. flash off before bake.

Note: Spraying without additional flash off is possible in case of larger repairs

Pot life

Reducer Clear 420
Accelerator

30 minutes at 20°C
30 minutes at 20°C

Drying Times

Accelerator

Dust free
Dry to handle

at 20°C

25 min.
2 hrs 45 min.

at 60°C

5 min.
15min.

Reducer Clear 420

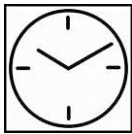
Dust free
Dry to handle

at 20°C

1 hrs.
3 hrs.

at 60°C

10 min.
20 min.



Layer Thickness

45 - 60 microns in two coats

Theoretical coverage

Ready for use mixture at 1 micron layerthickness +/- 519 m²/liter
(the practical material usage depends on many factors, i.e. shape of the object, roughness of the surface, application method and application circumstances)

Cleaning Equipment

Use Multi Thinners or nitro cellulose thinner.

Shelflife

2 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. 420 g/liter.

Ancillaries

Matting Clear, TDS L1.05.03
Topspeed, TDS L1.08.04

Akzo Nobel Coatings LTD

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