

2K Titanium Clear

LESONAL

Technical Data Sheet

27 / 01 / 2018

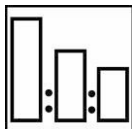
L1.05.21 UK & Ireland

Clearcoats

Description

A complete 2 component clear system, which complies with the 420 g/l VOC limit in the EU legislation. 2K Titanium Clear, based on the latest patented breakthrough in binder technology, offers market-leading clearcoat performance including unbeatable drying speeds and outstanding through hardening with a unique combination of properties designed to increase the efficiency of your business.

Mixing ratio



3	2K Titanium Clear
3	2K Titanium Clear Hardener
1	2K Titanium Clear Thinner Fast / Slow

Mixing stick



T

Equipment

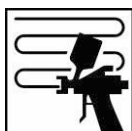


Spray gun set-up:
1.2-1.3 mm

Application pressure:
1.7 – 2.2 bar*

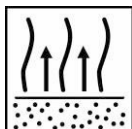
*Please refer to the user manual
spray gun

Application



2 x 1 coat

Flash-off



Between coats

Before curing

3 - 5 minutes at 20°C

3 - 5 minutes at 20°C

Drying



Thinner Fast	40°C	60°C
Thinner Slow	30 minutes	15 minutes
	45 minutes	30 minutes

Protection



Read complete technical data sheet for detailed product information

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Product and additives

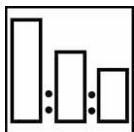
Product	2K Titanium Clear
Hardener	2K Titanium Clear Hardener
Thinners	2K Titanium Clear Thinner Fast 2K Titanium Clear Thinner Slow 2K Titanium Clear Fade Out Agent

Chemical Basis

2K Titanium Clear	– Polyol resins
2K Titanium Clear Hardener	– Poly isocyanate resins

Method of use**Substrates**

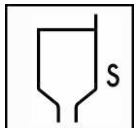
Sanded OE Finishes
Lesonal Basecoat WB
Lesonal Basecoat WB GT

Mixing Ratio

3 volume - 2K Titanium Clear
3 volume - 2K Titanium Clear Hardener
1 volume - 2K Titanium Clear Thinner Fast / Slow

Using Mixing stick T

Mix in a parallel sided container and stir well

Spraying Viscosity

15 -17 sec. DIN Cup 4 at 20°C.

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Spraying pressure



Spray gun

HVLP Gravity
LVLP/HR Gravity

Fluid opening

1.2-1.3 mm
1.2-1.3 mm

Spraying pressure

0.7 bar (at air cap)*
1.7 – 2.2 bar (at air inlet)*

*please refer to user manual of spray gun used

Application



Apply a first light closed coat.
After 3 to 5 minutes flash off apply a flowing second coat.
Allow 3 to 5 minutes flash off before bake.

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

Pot life

With Thinner Fast: 90 minutes at 20°C
With Thinner Slow: 2 hours at 20°C

Drying Times



		at 20°C	at 40°C	at 60°C
Thinner Fast	Dust dry	25 min.	10 min.	5 min.
	Dry to polish	16 hrs.	30 min.	15 min.
Thinner Slow	Dust dry	45 min.	20 min.	10 min.
	Dry to polish	16 hrs.	45 min.	30 min.

Layer Thickness

45 - 60 microns in two coats

Points of Attention

Thoroughly shake Titanium Clear before use to ensure all additives are homogeneous, especially after prolonged storing of the material.

Theoretical coverage

Ready for use mixture at 1 micron layer thickness: 522 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)

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Cleaning Equipment

Use Multi Thinners or nitro cellulose thinner.

Shelflife

1 year at 20°C

VOC

2004/42/IIB(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.

Ancillaries

2K Titanium Clear Fade Out Agent

AkzoNobel Coatings LTD

Address: Unit 2B, Didcot Park,
Churchward Road, Southmead Industrial Estate,
Didcot, Oxfordshire, OX11 7HB
Tel: 00 44 (0)1235 862226

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