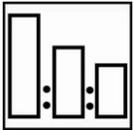


Neo Clear

FOR PROFESSIONAL USE ONLY

Description

Neo Clear is a fast drying, two-component acrylic clearcoat designed to be used in vehicle refinishes. It is suitable for both spot repairs, panel repairs and complete re-sprays. It is very transparent and has crystal clear appearance.



100 Neo Clear
50 Akripol 2K Hardeners
10 Akripol Universal Acrylic Thinners



Use measuring stick

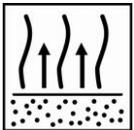


Spray gun set-up:
1.3 – 1.4 mm

Application pressure:
1.7 - 2.2 bar at the air inlet
HVLP max 0.6-0.7 bar at the air cap



2 coats
First apply a full coat, next apply another full coat after indicated flash off time



Between coats
5-10 minutes at 20°C

Before curing
5-10 minutes at 20°C



Akripol 2K Hardener Extra Fast
Akripol 2K Hardener Fast
Akripol 2K Hardener Slow

	20°C	60°C
Akripol 2K Hardener Extra Fast	4 hours	25 minutes
Akripol 2K Hardener Fast	5 hours	30 minutes
Akripol 2K Hardener Slow	6 hours	30 minutes



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

Read complete TDS for detailed product information

Neo Clear

FOR PROFESSIONAL USE ONLY

Description

Neo Clear is a fast drying, two-component acrylic clearcoat designed to be used in vehicle refinishes. It is suitable for both spot repairs, panel repairs and complete re-sprays. It is very transparent and has crystal clear appearance.

Product and additives

	Akripol Neo Clear
Hardener	Akripol 2K Hardener Extra Fast / Fast / Slow
Reducers	Akripol Universal Acrylic Thinner Fast / Slow
Additives	Akripol Fast-Top; Spot and panel repairs (15°C - 25°C) Akripol 2K Accelerator; Spot and panel repairs (15°C - 25°C)

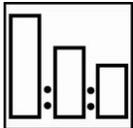
Basic raw materials

Akripol Neo Clear:	Acrylic resins
Akripol 2K Hardener:	Poly-isocyanate resins

Suitable substrates

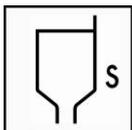
AkzoNobel Kemipol basecoats

Mixing



100	Akripol Neo Clear
50	Akripol 2K Hardeners
10	Akripol Universal Acrylic Thinners

Viscosity



16 – 18 seconds @ 20°C (DIN4)

Spray gun set-up / application pressure



Spray gun
Gravity feed

Fluid tip – set-up
1.3-1.4 mm

Application pressure
1.7-2.2 bar at the spray gun air inlet
HVLP max 0.6-0.7 bar at the air cap

Neo Clear

FOR PROFESSIONAL USE ONLY

Application process



Apply 2 single coats, allowing for 5-10 minutes flash-off time between coats.

Flash off 5-10 minutes before baking.

Pot-life

Akripol 2K Hardener Extra Fast 3.5 hours 20°C

Akripol 2K Hardener Fast 5 hours 20°C

Akripol 2K Hardener Slow 8 hours 20°C

Drying times



		Akripol 2K Hardener Extra Fast	Akripol 2K Hardener Fast	Akripol 2K Hardener Slow
20°C	Dust dry	20 minutes	30 minutes	45 minutes
	Dry to handle	4 hours	5 hours	6 hours
60°C	Dust dry	5 minutes	5 minutes	10 minutes
	Dry to handle	25 minutes	30 minutes	30 minutes



Allow 5 minutes flash off prior to infra red curing
The panel temperature should not exceed 100°C.

Polishability



Polishing can be done on surfaces that reach ambient temperature after the specified drying times.

Film thickness

By using the recommended application (2 coats)

45 - 50 µm

Theoretical Coverage

Ready for use mixture at 50 µm layer thickness

8 m²/liter

Neo Clear

FOR PROFESSIONAL USE ONLY

Cleaning of equipment

Akripol Super Cellulosic Thinner

Product storage



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



AkzoNobel Kemipol
Kemalpaşa OSB Mahallesi İzmir - Ankara Yolu
Ansızca Küme Evleri No:287
35730, Kemalpaşa - İzmir / Türkiye
T: +90 232 877 00 30

HEALTH & SAFETY DATA concerning Neo Clear and additives:

For professional use only.(See Material Safety Data Sheet). See text on the label of this product. The user of this product is required to comply with the national statutory regulations for health and safety at work and waste disposal.

The effectiveness of our systems is based on laboratory research and many years' practical experience. We guarantee that the quality of the work performed according to our system meets the AKZONOBEL KEMİPOL A.Ş standards, provided that our instructions are carefully followed and the work is performed in accordance with the requirements as to good craftsmanship. We decline any responsibility if the final result is affected by factors beyond our control. The customer has to determine the suitability of the delivered products for the intended application by using the means which normally are at his disposal.

www.akripol.com.tr

AKZONOBEL KEMİPOL A.Ş. İzmir, TÜRKİYE