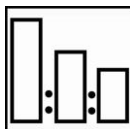


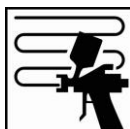
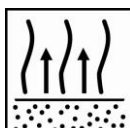




Optima Clear

FOR PROFESSIONAL USE ONLY

| Description | | | |
|--|---|--|----------------------------------|
| Two-component, high gloss and fast drying acrylic clearcoat designed to be used in vehicle refinishes. It is suitable for both spot repairs, panel repairs and complete re-sprays. | | | |
|  | 100 50 10 | Optima Clear Optima Universal Hardeners Optima 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 | |
|  | Optima Universal Hardener Fast Optima Universal Hardener Slow | 20°C 4 hours 5.5 hours | 60°C 25 minutes 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

Optima Clear

FOR PROFESSIONAL USE ONLY

Description

Two-component, high gloss and fast drying acrylic clearcoat designed to be used in vehicle refinishes. It is suitable for both spot repairs, panel repairs and complete re-sprays.

Product and additives

Optima Clear

Hardener Optima Universal Hardener Fast / Slow

Reducers Optima Acrylic Thinner Fast / Standard / Slow

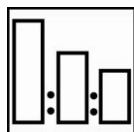
Basic raw materials

Optima Clear: Acrylic resins
Optima Universal Hardener: Poly-isocyanate resins

Suitable substrates

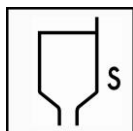
AkzoNobel Kemipol basecoats

Mixing



100 Optima Clear
50 Optima Universal Hardeners
10 Optima Acrylic Thinners

Viscosity



16 – 18 seconds @ 20°C (DIN4)

Spray gun set-up / application pressure



Spray gun
Gravity feed

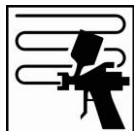
Fluid tip – set-up
1.3-1.4 mm

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

Optima 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

Optima Universal Hardener Fast 3 hours 20°C

Optima Universal Hardener Slow 4 hours 20°C

Drying times



| | | Optima Universal Hardener Fast | Optima Universal Hardener Slow |
|------|---------------|--------------------------------|--------------------------------|
| 20°C | Dust dry | 35 minutes | 45 minutes |
| | Dry to handle | 4 hours | 5.5 hours |
| 60°C | Dust dry | 10 minutes | 10 minutes |
| | Dry to handle | 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)

40 - 45 µm

Theoretical Coverage

Ready for use mixture at 40 µm layer thickness

8.6 m²/liter

Optima 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
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HEALTH & SAFETY DATA concerning Optima 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.

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