

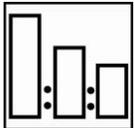
Ultraguard

FOR PROFESSIONAL USE ONLY

Description

Two-component and high build epoxy primer-surfacer with excellent adhesion and corrosion resistance properties on steel, galvanized steel and aluminum surfaces within the vehicle refinish market.

Sanding application



4 Ultraguard Epoxy Primer
1 Ultraguard EP Hardener
%5-25 Ultraguard EP Thinner



Use measuring stick



Spray gun set-up:
1.6-1.8 mm

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



2-3 coats



Between coats:
5-10 minutes at 20°C

Before curing:
5-10 minutes at 20°C



24 hours at 20°C
2 coat application

45 minutes at 60°C



Final sanding step: P220-P320
See TDS S8.06.02



Recoatable with all AkzoNobel Kemipol fillers, basecoats and 2K topcoats



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

Read complete TDS for detailed product information

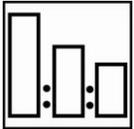
Ultraguard

FOR PROFESSIONAL USE ONLY

Description

Two-component and high build epoxy primer-surfacer with excellent adhesion and corrosion resistance properties on steel, galvanized steel and aluminum surfaces within the vehicle refinish market.

Non sanding application



- 4 Ultraguard Epoxy Primer
- 1 Ultraguard EP Hardener
- 1 Ultraguard EP Thinner



Use measuring stick



Spray gun set-up:
1.6 – 1.8 mm

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



1 – 2 coat



45 minutes at 20°C

15 minutes at 60°C

Recoat within 48 hours at 20°C



Recoatable with all AkzoNobel Kemipol fillers, basecoats and 2K topcoats



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

Read complete TDS for detailed product information

Ultraguard

FOR PROFESSIONAL USE ONLY**Description**

Two-component and high build epoxy primer-surfacer with excellent adhesion and corrosion resistance properties on steel, galvanized steel and aluminum surfaces within the vehicle refinish market.

Suitable substrates

Existing finishes
Steel
Galvanized steel
Aluminum
Polyester surfaces
Wood surfaces
Akripol bodyfillers

Do **not** apply apply Ultraguard Epoxy Primer directly over Washprimers.

Product and additives

Akripol Ultraguard Epoxy Primer

Hardeners Akripol Ultraguard EP Hardener

Reducers Akripol Ultraguard EP Thinner

Basic raw materials

Akripol Ultraguard Epoxy Primer: Epoxy resins
Akripol Ultraguard EP Hardener: Amine resin

Surface preparation

Remove contamination using an appropriate cleaner



Final sanding step P220 - P320
For detailed surface preparation see TDS S8.06.02



Remove contamination using an appropriate cleaner.
Where bodyfiller is exposed, avoid contact with water (e.g. waterborne degreaser).

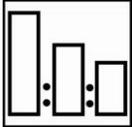
Stir before use

Stir Ultraguard Epoxy Primer thoroughly before use.

Ultraguard

FOR PROFESSIONAL USE ONLY

Mixing



Sanding

4 Akripol Ultraguard Epoxy Primer
1 Akripol Ultraguard EP Hardener
%5-25 Akripol Ultraguard EP Thinner

Non sanding

4 Akripol Ultraguard Epoxy Primer
1 Akripol Ultraguard EP Hardener
1 Akripol Ultraguard EP Thinner

Spray gun set-up / application pressure



Spray gun

Sanding
Gravity feed

Fluid tip-set-up

1.6-1.8 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

Pot-life

Sanding:

8 hours at 20°C

Application



Sanding version

Apply 2 – 3 coats over the total sanded area. Flash off until completely matt after each coat.

Non sanding version

Apply 1 – 2 coats over the total sanded area. Flash off until completely matt after 1st coat.

Drying time sanding



24 hours at 20°C

45 minutes at 60°C

Drying times relate to recommended application (2-3 coats) and object temperature.

Drying time non sanding



45 minutes at 20°C.

15 minutes at 60°C

Recoat within 48 hours at 20°C

Drying times relate to recommended application (1-2 coats) and object temperature.

Ultraguard

FOR PROFESSIONAL USE ONLY**Recoatable with**

All AkzoNobel Kemipol fillers, basecoats and 2K topcoats

Film thickness

		μm
Sanding	Per coat	60 - 70
Non Sanding	Per coat	40 - 50

Theoretical Coverage

		m^2/liter
Sanding:	Ready for use mixture at 70 μm dry film thickness	± 6.7
Non sanding:	Ready for use mixture at 70 μm dry film thickness	± 5.3

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 Ultraguard 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