

Neo Filler

FOR PROFESSIONAL USE ONLY

Description

Neo Filler is a 2 component, high build, fast-drying and easy to sand acrylic filler designed for vehicle refinishes.



4 parts of Neo Filler
1 part of Akripol 2K Hardener
1 part of Akripol Universal Acrylic Thinners

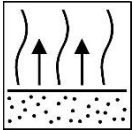


Spray Gun Set-up
Gravity feed, 1.6 - 1.8 mm

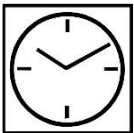
Application Pressure
1.7 – 2.2 bar at the air inlet
HVLP max. 0.6-0.7 bar at the air-cap



2 – 3 coats



Between coats
5 – 10 minutes at 20°C.



3 hours at 20°C

30 minutes at 60°C



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

For detailed product information, read the entire Technical Data Sheet.

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Product and Additives

Neo Filler

Hardener Akripol 2K Hardener Extra Fast / Fast / Slow

Thinner Akripol Universal Acrylic Thinner Fast / Slow

Raw Materials

Neo Filler: Acrylic Resins
Akripol 2K Hardener: Polyisocyanate Resins

Suitable Substrates

Existing finishes
Steel
Polyester Surfaces
Washprimer 1K CF
Akripol Bodyfillers

Substrate Preparation



Substrate cleaning: Before sanding, clean with suitable substrate cleaners to remove possible contaminations from the substrate. Wash the substrate with warm water and detergent beforehand and rinse thoroughly.



Existing finishes:
Degrease and dry sand with P280 grit or wet sand with P400 grit.

Polyester Putties:
Dry sand with P280.



Steel surfaces:
Degrease and dry sand with P120-220 grit.

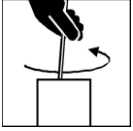


Substrate cleaning: Before applying, clean the surface by using suitable surface cleaning thinner to remove possible impurities.

Neo Filler

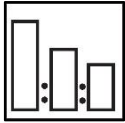
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Mixing before application



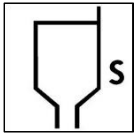
Stir Akripol Neo Filler until homogeneous before use.

Mixing Ratio by Volume



4 parts of Neo Filler
1 part of 2K Hardeners
1 part of Universal Acrylic Thinners

Viscosity



24 - 26 seconds @ 20°C (DIN4)

Spray gun fluid tip / Working pressure



Spray Gun
Gravity feed

Fluid Tip
1.6-1.8 mm

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

Pot-life

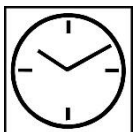
60 mins after mixing at 20°C with Akripol 2K Hardener Fast

Application process



Apply 2-3 single coats, allowing for 5-10 minutes flash-off time between coats.

Drying time



	Dry sanding		Wet sanding	
	20°C	60°C	20°C	60°C
Fast hardener	4 hours	30 min.	4 hours	30 min.
Extra fast hardener	3 hours	30 min.	3 hours	30 min.

Neo Filler

FOR PROFESSIONAL USE ONLY**Final sanding**

Final sanding step P500



Final sanding step P1000



Remove contamination using an appropriate cleaner

Recoatable with

All AkzoNobel Kemipol basecoats and 2K topcoats.

Film thickness

~50 µm film per coat.

Theoretical material usageThe theoretical material usage is 8 m²/l. at 50 µm (ready to spray mixture).

Note : The practical material usage depends on many factors i.e. shape of the object, roughness of the surface, application method and application circumstances

Neo Filler

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.



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HEALTH & SAFETY DATA concerning Neo Filler 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

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