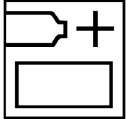


# Polysurfacer

FOR PROFESSIONAL USE ONLY

## Description

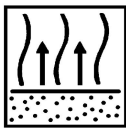
Polysurfacer is a polyester based primer-surfacer featuring exceptional film build without shrinkage. Used for automotive body repair work when larger areas with irregular work are to be filled. Polysurfacer must be primed after sanding and prior to topcoating with one of the products listed under "Recoatability".



100:5  
Polysurfacer  
Polysurfacer Hardener



3-5x1  
0.080"–0.140" (2.0–3.5 mm)  
40-50 psi (3-4 bar)



2-3 minutes at 70°F (20°C)



2 hours at 70°F (20°C)  
30 minutes at 140°F (60°C)



**Use suitable respiratory protection**  
A dust particle respirator must be used when sanding.



Contains polyester resins and styrene. When mixed with Polysurfacer Hardener, contains peroxide.

Read complete TDS for detailed product information



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## Product and additives

**Product:** Polysurfacer

**Additive:** Polysurfacer Hardener

-For improvement of flow, add up to 5% of Autocryl Reducer Fast to the last coat.

## Basic raw materials

- Polysurfacer: Polyester Resins
- Polysurfacer Hardener: Peroxide

## Suitable surfaces

Polysurfacer may be applied directly over:

- Steel, degreased and sanded with #P80 then #P120 grit paper dry.
- Aluminum, degreased and sanded with #P80 then #P120 grit dry.
- Fiberglas, free of release coat and sanded with #P120 to #P180 grit dry.
- All existing finishes except lacquer, degreased and sanded with #P180 grit dry or #P320 to #P400 grit wet.
- Polyester body filler, sanded with #P80 then #P120 grit dry.

**Note:** Do not apply Polysurfacer on top of Washprimer EM, Washprimer EM CF or Washprimer CR.

## Mixing ratio

- 100 parts = 1 liter (1000 ml) of Polysurfacer
- 5 parts = 1 bottle (50 ml) of Polysurfacer Hardener (5%)

## Pot life

- 30 minutes at 70°F (20°C)
- 15 minutes at 85°F (30°C)

**Note:** To extend the pot life in hot weather (85°F [30°C] and above), use half the recommended amount of hardener. This is only to be used for hot temperatures.

## Spray gun & pressure

	Spray Gun Fluid Tip	Spraying Pressure
Gravity feed	0.080"–0.140" (2.0–3.5 mm)	40–50 psi (3–4 bar)
HVLP Gravity Feed	0.087" (2.2 mm)	max 10 psi (max 0.8 bar)

## Application method

Spray 3 to 5 single wet coats. Allow short flash off time between coats.

## Film thickness

Approximately 4 mils per single coat.



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## Cleaning of equipment

Clean equipment immediately after use with Sikkens Cleaning Solvent 790.

## Drying times

Drying temperatures	70°F (20°C)	100°F (38°C)	140°F (60°C)
Dry to sand after	2 hours	1 hour	30 minutes

## Sanding

Because of the sensitivity to water of all polyester-based products, wet sanding is not recommended. For correct sandpaper grades, follow recommendation of product being used.

## Recoatibility

Polysurfacer must be sealed with one of the following products before the topcoat is applied:  
 -Washprimer EM  
 -Washprimer EM CF  
 -Colorbuild™  
 -Autosurfacer® 940 HS

## Cover rate

Approximately 60–70 sq. ft. per liter of Polysurfacer at a film thickness of 4 mils.

## Stock keeping

**Color:** Light grey  
**Container size:** Polysurfacer: 1 liter  
 Polysurfacer Hardener: 50 ml  
**Shelf life:** Six months if stored unopened at room temperature.

## Safety aspects

### Ready to Spray VOC

Polysurfacer / Hardener (100:5): 2.4 lb/gal      290 g/liter

**Notice:** Do not handle until the Material Safety Data Sheets have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all chemicals with which they come in contact. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist.





North America

Technical Data Sheet S2.04.000  
Primer/Surfacer  
06.29.2010

# Polysurfacer

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**Akzo Nobel Car Refinishes Inc. North America**

**Address: 5555 Spalding Drive, Norcross. GA 30092 USA**

**Tel: 770-662-8464**

**FOR PROFESSIONAL USE ONLY**

**IMPORTANT NOTE** The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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