

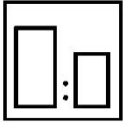


2K100 Primer Surfacer

FOR PROFESSIONAL USE ONLY

Description

2K100 is a two-component, easy to sand, urethane primer surface designed to offer superior holdout and leveling over body repair areas. The formulation allows rapid sanding while preserving a relatively long potlife. Flow and leveling are excellent. The ready to spray VOC is 4.6 lbs/gal.



4 2K100 Primer Surfacer
1 2K100 Activator

Use AkzoNobel Measuring Stick



109



Spray gun setup:

Check gun manufacture specification

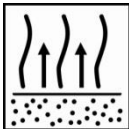
RP – Gravity Feed
HVLP – Gravity Feed

1.5 – 2.0mm
1.7 – 2.2mm

30 – 35psi
Max 10psi (cap)



Apply two (2) to three (3) single flowing coats



Between coats
5 minutes at 70°F (21°C)



Dry to sand

70°F (21°C)
1 hr

140°F (60°C)
20 min



Use suitable respiratory protection
AkzoNobel recommends the use of a fresh air supply respirator

Read complete TDS for detailed product information





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Suitable Surfaces

Existing finishes	#P220 to #P320 grit dry
Polyester bodyfiller	#P180 to #P220 grit dry
Aluminum (Alodine)	#P180 to #P220 grit dry followed by Deoxidine 457 and Alodine 5700 pretreatment
Aluminum (Autoprep)	#P180 to #P220 grit dry followed by Autoprep pretreatment wipes
Steel (spot repair)	#P80 then #P120 grit dry or red pad. Not for large areas of bare metal, use U-TECH epoxy primer or an approved metal pretreatment
Galvanized steel	#P180 grit dry or red pad
Fiberglass gelcoat (unbroken)	#P220 to #P320 grit dry
Flexible Plastic Body Parts (pre-painted)	#P220 to #P320 grit dry. Use LV Flex Additive, see mixing section

Raw flexible plastic body parts require PAP 722 Clear adhesion promoter

Properly degrease substrate prior to sanding with Autoclean surface cleaner and R859 wax and grease remover.

Product and Additives

Product	2K100 Primer Surfacer	#399129 Buff #399130 Black #399131 Gray
Hardener	2K100 Activator	#399090
Additives	LV Flex Additive	

Basic Raw Material

2K100 Primer Surfacer	Acrylic urethane resins
2K100 Activator	Polyisocyanate resin and solvent
LV Flex Additive	Special polyester resins

Product Characteristics

WPG (a-component)	11.2 +/- 0.4 lbs/gal	Gloss	Low
Volume Solids (RTS)	37 +/- 2%	Color	Black, Grey and Buff
Theoretical Coverage	592 ft ² /gal @ 1mil – 100%TE	Pot Life	1 hr @ 70°F (21°C)





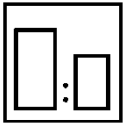
2K100 Primer Surfacer

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Mixing

Standard mix ratio (by volume)
4 2K100 Primer Surfacer
1 2K100 Activator

Flexible Pre-painted Plastic Parts mix ratio (by volume)
100 2K100 Primer Surfacer
15 LV Flex Additive

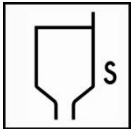


Then mix (by volume)
4 2K100 Primer Surfacer (Flexed)
1 2K100 Activator

Use AkzoNobel Measuring Stick #109

Note: Raw flexible plastic body parts require PAP 722 Clear adhesion promoter

Viscosity



2K100 Primer Surfacer

27 – 41 sec
17 – 25 sec

EZ ZAHN #2 at 70°F (21°C)
DIN #4 at 70°F (21°C)

Viscosities are reported as Ready to Spray

Spray gun set-up / application pressure



RP – Gravity Feed
HVLP – Gravity Feed

1.5 – 2.0mm
1.7 – 2.2mm

30 – 35psi
Max 10psi (cap)

Application



Apply two (2) or three (3) single coats



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Flash off



5 minutes at 70°F (21°C) between coats

Dry times



	70°F (21°C)	140°F (60°C)
Dry to sand	1 hour	20 minutes

Note: Using LV Flex will extend curing times and effect the sandability of 2K100 Primer Surfacer

Dry Film Thickness

1.2 – 4.0 mils

Apply 1.2 - 1.4 mils per coat

Sanding



Final dry sanding step use #P400 – 500 before application of topcoats

Initial sanding steps may be executed with a coarser sanding grit: #P320

Recoatability

2K100 Primer Surfacer can be sealed or topcoated, after sanding, with any U-TECH sealer, single stage or basecoat systems.

Cleaning of equipment

Clean equipment with extra strong cleaning solvents



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VOC

2K100 Primer Surfacer	4.6 lb/gal	552 g/l
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VOC is ready to spray at a mix ratio of 4:1

Product Storage and Shelf Life

Store products unopened and used products with closed lids. Store products between 70°F-95°F (21°C-35°C). Optimal storage temperature is 77°F (25°C). Avoid extreme temperature fluctuation when storing.

2K100 Primer Surfacer	2 years
2K100 Activator	1 year
LV Flex Additive	1 year

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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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