



PRIME-FIL P850

IJK URETHANE PRIMER



PRIME-FIL P850 is a premium, Low VOC IJK Urethane Primer that has been formulated with premium ingredients to provide you with the ultimate in performance. **P850** is a high solids, two component system designed to deliver a high film build, superior adhesion, application, levelling, and sanding properties. This easy to use urethane primer also provides excellent weather and corrosion resistance properties. **P850** will adhere to properly prepared bare metal, galvanized steel, aluminum, plastic, sanded original finishes, and fiberglass. **P850** is designed to offer excellent sag resistance and featheredging properties, resulting in a smooth, durable finish. It can be topcoated with any manufacturers' topcoat paint system. Use the **H-853** Hardener along with any of the three speeds of Reducers, **R-121/R-122/R-123** to meet your speed of dry requirements.

Colour: Gray, White, Black

Mix Ratio: 4:1

Required Catalyst: H-853
PRIME-FIL Hardener

Optional, Reducer: R-121/R-122/R-123
FAST-FIL / MEDIUM-FIL or SLOW-FIL
Reducers

Part No.	Description	Size	Units/Case
P-850	PRIME-FIL Urethane Primer, Gray	3.78 L/1 US Gallon	4
P-850.B	PRIME-FIL Urethane Primer, Black	3.78 L/1 US Gallon	4
P-850.W	PRIME-FIL Urethane Primer, White	3.78 L/1 US Gallon	4
H-853	PRIME-FIL Fast Dry Hardener	946 mls/1 US Quart	8



Refer to Product Data Sheet (PDS)
P850 for more information

FEATURES

Low V.O.C.
Easy to Sand
Super Adhesion Properties
Excellent Featheredging Properties
Excellent Coverage

No Clogging Sandpaper
Reduced Labour Costs
Reduced Sandpaper Costs
Superior Film Build



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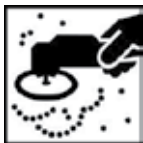
PACKAGING: 3.78 L / 1 US GALLON PER CAN 4 CANS PER CASE

APPROVED SUBSTRATES: On properly prepared steel, galvanized steel, bare metal, aluminum, zinc coated steel, most rigid and semi-rigid fiberglass, and SMC.

SURFACE PREPARATION:

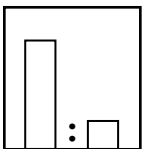


Clean surface. Prepare a clean repair surface free of dirt, oil, grease, wax, rust, and other contaminants.



Prior to applying **P850**, finish sand repair surface with 320 - 400 grit sandpaper disc. Repair area *must be completely dry* prior to applying **P850** IJK Urethane Primer.

MIX RATIO:



Thoroughly stir and agitate **P850** primer prior to use.

4 Parts P850 PRIME-FIL IJK Urethane Primer

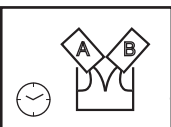
1 Part H-853 PRIME-FIL Hardener

** Never return mixed material to can. Store in a cool, dry place.*

P850 as a Sealer:

Mix **P850** with Hardener as indicated above, and to this mixture add **10% R-121/R-122/R-123 Reducer**.

POT LIFE:



2 - 2 ½ Hours @ 20° C / 68° F



PDS Form:
P850/LVCD AUS/0218_V03

SPRAY PRESSURE:



Note: Do NOT apply **P850** primer over fresh or uncured coatings.
Surface must be completely cured prior to applying P850.

HVLP Spray Gun: Use 1.5 - 1.8 mm, 10 psi at air cap

Compliant Gravity-Feed Spray Gun: 1.5 - 1.8 mm, 2.0 bar

** For best results, refer to spray gun manufacturer's recommendations for inlet air pressures*

APPLICATION:



Apply a medium wet first coat of the mixed material. Allow a flash time of approximately 10 - 15 minutes at 25° C / 78° F, depending on shop conditions, before applying the next coat. Then apply a wet second coat. If necessary, apply a third coat using the same procedure.

Time to apply topcoat when P850 is used as a sealer: Wait 30 - 45 Minutes

Surface must be completely dried prior to applying topcoat.

DRY TO SAND TIME:



Air Dry (at 25°C / 78°F) : 2 ½ - 3 Hours

Force Dry (at 60°C / 140° F) : 20 - 30 Minutes from cooling

SANDING:



P850 must be sanded prior to applying sealer or topcoat. It can be wet or dry sanded.

Dry Sanding: Break primer with 320 grit sandpaper. Finish sand with 600 grit paper to desired smoothness.

Wet Sanding: Break primer with 400 grit sandpaper. Finish sand with 600 - 800 grit paper to desired smoothness.

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PDS Form:
P850/LVCD AUS/0218_V03

**TECHNICAL
INFORMATION:**

Appearance:	Gray, White, or Black Liquid
Weight Per Gallon:	5.19 kg - 5.47 kg / 11.45 lbs - 12.06 lbs
% Solids By Weight:	62 ± 2
Specific Gravity:	1.372 - 1.446
Sand Time, Force Dry:	20 - 30 Minutes
Sand Time, Air Dry:	2 ½ - 3 Hours @ 25° C / 77° F
Pot Life:	2 - 2½ Hours @ 20° C / 68° F
Mix Ratio:	4 : 1
Mix Ratio As Sealer:	4 : 1 : 10%
Required Catalyst:	H-853 PRIME-FIL Hardener

**SAFETY &
HANDLING:**

Important: For Industrial Use Only by trained professionals using proper safety equipment. Prior to using be sure to read and understand the warnings of this product and all products it may require, since the mixture will have the hazards of all its components. Observe all precautions for all components. Use only with adequate ventilation and wear the appropriate safety equipment. Refer to Safety Data Sheet (SDS) for more and current information regarding this product and handling instructions.

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