



TECHNICAL DATA SHEET

P70 2K ACRYLIC PRIMER FILLER

07202021



P70 is a 2K, high build, high production, acrylic urethane primer with excellent hold out and easy to sand properties. Light Gray color makes it easy to achieve opacity with a minimum number of color coats.



COMPONENTS

- P70
- R60/70/85
- H10

Primer
Fast/Medium/Slow National Rule Reducers
Hardener (3.5 VOC)



MIXING RATIO

One (4) parts P70 Base to one (1) part H10 Hardener. Reduce 25%-50% with selected reducer.



POT LIFE

N/A



CLEAN UP

Use Lacquer Thinner or zero VOC solvents. (Check local regulations)



PHYSICAL DATA

Solids wt. 61.5%
Volume wt. 40.4%

VOC

Coating: 4.7 lbs/gal - 563.3 g/l
Material: 4.7 lbs/gal - 563.3 g/l



DRY / FLASH TIMES

Dust Free: 10 minutes @ 68°F/20°C
Dry to Touch: 20 minutes @ 68°F/20°C
Dry to Sand: 1 hour per coat @ 68°F/20°C
Force Dry: 20 minutes @ 140°F/60°C



GUN SETUPS

HLVP Gravity Feed 1.4 mm – 1.7 mm
Pressure Pot HLVP 1.0 mm – 1.2 mm
Air Assist Airless 1.0 mm - 1.2 mm
Conventional 1.54 mm - 1.8mm



SURFACE PREPARATION

Use HyMax Clean Wipe (S01) to clean substrate free of grease, dirt, and foreign contaminants.

Best:

SA2 sandblast Blow all dust and contaminates off and apply P90 epoxy primer within 8 hours. Allow epoxy primer to fully cure then sand before applying P70 filler primer.

Better:

Hot Phosphate wash system, blow dry and apply suitable Hystar primer, followed by topcoat as directed.

Good:

Careful mechanical abrasion. Clean all dust, oil

Aluminum: Sand surface, then clean surface with clean drying wax and grease Remover, apply Hystar P90 Epoxy Primer or P10 Primer and let flash fully as per TDS, then apply P70 primer.

Galvanized Steel: Clean all dust, oil residue, and contaminates from surface using a Clean drying wax and grease remover, light sanding (320P grit) Clean again with clean drying wax and grease remover using a wipe and dry process. Apply P10 Primer, let flash fully as per TDS then apply P70 epoxy primer.



APPLICATION AT 77° F/25°C

• One to three medium wet coats, allow 10-20 minutes flash between coats.



SAFETY

Refer to Material Safety Data Sheet (MSDS) for complete safety instructions. The technical data sheet listed has been compiled in good faith for your convenience and guidance. No warranty, expressed or implied, is intended or given by the information on this sheet.

Lyquid Specialty Coatings

Lyquid.Hymax@gmail.co

Phone: (516) 736-3476