

NASON® SELECTPRIME™ 421-23™ GRAY ACRYLIC PRIMER-SURFACER

Nason® SelectPrime™ 421-23™ is a fast-drying, easy-to-use Acrylic Primer-Surfacer (GRAY).

Nason® SelectPrime™ 421-23™ is designed to use under synthetic enamel*, acrylic enamel, acrylic lacquer, and urethane enamel. May be used to repair OEM or other properly cured and prepared automotive finishes. Nason® SelectPrime™ 421-23™ has excellent filling properties, dries fast, sands freely, and provides good holdout for finish coats.

MIXING & THINNING:

Mix ratio by volume for Nason® SelectPrime™ 421-23™ is 1:1.

Mix:

1 Part Nason® SelectPrime™ 421-23™
1 Part Nason® Thinner 441-62™

SPRAY VISCOSITY:

18-20 seconds for a Zahn #3 (DuPont M-222) cup.

POT LIFE:

Not Applicable

SUBSTRATES:

Properly treated bare steel and aluminum, fiberglass and thoroughly sanded painted surfaces.

TOPCOATS:

Nason® Acrylic and Urethane Enamels.
*Nason® SelectPrime™ must be sealed prior to topcoating with Nasco™/Astron® or Ful-Base® Enamel.

SURFACE PREPARATION:

Prior to sanding, remove all wax, grease, oil and road tar with Nason® 441-05™ Silicone and Wax Remover. Where required, use Silicone and Wax Remover permitted by local regulation.

Bare metal areas should be treated with Nason® 491-17™ Etch Primer; or an appropriate "Metal Conditioner".

Featheredge damaged areas with 180 grit paper and scuff edges around area to be filled with 320.

Block sand and prime as necessary. Finish sand with 320 before top coating.

After sanding, wash again with 441-05™ Silicone and Wax Remover, or permitted cleaner.

For best results and maximum resistance to corrosion and humidity, prime bare metal with Ful-Poxy® 491-16™ Primer or Nason® 491-17™ Etch Primer, before applying Nason® SelectPrime™ 421-23™.

Can be applied over sanded rigid plastic (excluding Polyethylene and Polypropylene).

SPRAY PRESSURE:

Conventional gun 35-40 PSI at the gun
HVLP: 8-10 PSI air cap pressure.

APPLICATION:

Apply 2 or more wet coats. Allow each coat to flash-off (5-10 minutes) before applying succeeding coats. This will prevent solvent entrapment that could cause pinholes, solvent popping and shrinkage.

DRYING TIME:

Allow 5-10 minutes between coats; 15-20 minutes before sanding; 20-30 minutes before applying finish coat. All drying times are figured at 70°F. Lower temperatures require longer flash times.

SANDING:

Must be sanded prior to sealing or topcoating.

#320-360 Grit for Enamel Topcoats
#360-600 Grit for Lacquer Topcoats

CLEANING OF PAINT EQUIPMENT:

Use Nason® 481-06™ Lacquer Thinner or Nason® SelectThinner™ 481-16™. (Refer to appropriate Air Quality District requirements for proper use of equipment and solvent).

THEORETICAL COVERAGE:

Theoretical Coverage: 312 sq. feet per ready-to-spray gallon at 1 mil.

PERCENT SOLIDS BY WEIGHT:

36.87% ready-to-spray

PERCENT SOLIDS BY VOLUME:

18.07% ready-to-spray

FLASH POINT: CLOSED CUP

See MSDS

IMPORTANT NOTES:

- Nason® SelectPrime™ 421-23™ Primer Surfacer must be sanded thoroughly before application of topcoat.
- *Nason® SelectPrime™ 421-23™ must be sealed with Nason® SelectSeal™ 422-48 for best performance.
- Caution: Never apply heavy coats of primer surfacer in one or two passes of the spray gun. Primer Surfacer applied in this manner will surface dry, staying soft underneath, thus causing solvent trap, hard sanding (gummy), poor holdout, pinholes, cracking, etc.

Never mix surfacer in the gun cup. Always mix Primer Surfacer in a separate can designated for this purpose. Strain the ready to spray mixture into the gun cup. This prevents gun clogging and gritty texture.

VOC DATA:**Components**

421-23™, 441-62™

VOC: 4.8 lbs/gal ready-to-spray