Nason® 421-21™ 2K Urethane Primer (2.1 VOC)

Nason® 421-21™ SelectPrime™ is a 2.1 VOC 2K Urethane Primer (Gray) designed to maximize DOI (Distinctness of Image) when used under any Nason® topcoat color. Nason® 421-21™ SelectPrime™ provides high build combined with an exceptionally free sanding film without shrinkage or sand scratch swelling.

MIXING:

4 : 1 Mix:

4 parts Nason® 421-21™ SelectPrime™

1 parts Nason® 483-90™ Mid-Temp or 483-91™ High-Temp Urethane Activator.

Example:
To 1 Gallon Nason Nason® 421-21™ SelectPrime™ add 1 quart Activator.

Tips for Success: *Shake 2K primer thoroughly prior to activating. Use Nason® 3-NA330 mixing stick and a cup with vertical sides for accurate measurements.*

TINTABILITY:

Not recommended.

POT LIFE:

1 hour @ 70°F / 50% Relative Humidity

SUBSTRATES:

Properly treated bare steel, galvanized steel and aluminum; properly prepared painted surfaces.

Etch-Primer: Nason® 491-30™ Chrome-Free Etch Primer.

TOPCOATS:

Nason® Ful-Cryl® II, Ful-Thane® Urethane, Ful-Base® Basecoat.

With proper sealer: Nasco™, Astron®, and Ful-Base® Enamel. (See Topcoat Data Sheets for Sealer Recommendations).

SURFACE PREPARATION:

Clean all surfaces with Nason® 441-05™ Silicone and Wax Remover or Nason® 481-75™ Aerosol Surface Cleaner. In regulated areas use locally permitted Silicone and Wax remover or Surface Cleaner.

Nason® 421-21™ SelectPrime™ can be applied over properly treated steel, galvanized steel and aluminum; as well as thoroughly sanded painted surfaces.

Remove sanding dust with Nason® 441-05™ Silicone and Wax Remover or Nason® 481-75™ Aerosol Surface Cleaner and allow to dry.

Bare metal areas should be treated with Nason® 491-30™ Chrome-Free Etch Primer. See Nason® Product Data Sheets for technical information on these products.

SPRAY VISCOSITY:

11 – 13" #3 ZAHN

SPRAY PRESSURE:

HVLP: 6 - 8 PSI

TYPICAL GUN SET-UPS:

HVLP: 1.7mm – 1.8mm (0.67" - .071")

APPLICATION:

Apply 2 to 3 medium wet coats to achieve desired film build. Allow 5 – 10 minutes flash time between coats 70° F.

Tips for Success: *Do not ignore flash times between coats; this prevents solvent entrapment that can cause pinholes, popping and shrinkage if flash is abused.*

DRYING TIME: TO SAND

Air Dry: 120 minutes @ 70°F

Force Dry: 30 minutes @ 140°F

Lower temperatures may require longer flash times.

SANDING:

Must be sanded prior to sealing, or topcoating.

P-400 grit for Enamel topcoats
P-500 to P-600 grit for basecoat topcoats

CLEANING OF PAINT EQUIPMENT:

Use Nason® 481-06™ Universal Lacquer Thinner, Nason® 481-16™ Lacquer Thinner, Nason® 481-18™ Lacquer Thinner, Nason® 481-21™ Low VOC Gun & Equipment Cleaning Solvent.

THEORETICAL COVERAGE:

535.6 Sq. Ft. per Gallon at 1 Mill Cov.

PERCENT SOLIDS BY WEIGHT:

47.05%

PERCENT SOLIDS BY VOLUME:

33.40%

FLASH POINT: CLOSED CUP:

42 °F

IMPORTANT NOTES:

- Nason® 2.1 VOC Urethane Filler must be sanded thoroughly before application of topcoat.
- Never apply heavy coats of any primer-filler in two passes of the spray gun; the flash abused primer-filler will surface dry and trap solvents. This will lead to difficult sanding (gummy), port holdout, pinholes, or cracking.
- Never mix primer-filler in the gun cup. Always mix primer-filler in a separate container with vertical sides; strain the ready-to-spray mixture into the gun cup.

VOC:

SKU:	VOC LE	VOC AP
421-21™ w/ 483-90™	2.1	1.0
421-21™ w/ 483-91™	2.1	1.0

VOC REGULATED AREAS:

These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing and usage recommendations in the VOC Compliant Products Chart for your area.

SAFETY AND HANDLING:

Do not breathe vapors or mists. When this product is used with an isocyanate activator/hardener, wear a positive-pressure, supplied-air respirator (NIOSH approved TC-19C) while mixing activator/hardener with paint, during application and until all vapors and spray mist are exhausted. If product is used without isocyantate activator/hardener, a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH TC-23C) and particulate filter (NIOSH TC-84A) may be used. Follow respirator manufacturer's directions for respirator use. Refer to the hardener/activator label instruction and MSDS for further information. Individuals with history of lung or breathing problems or prior reaction to isocyanates should not use or be exposed to vapor or spray mist if mixed with isocyanate activators/hardeners.

Please visit: www.performancecoatings.dupont.com to view or print an additional copy of this "Technical Product Data" sheet.

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