

Ful-Cryl® II 2K Acrylic Enamel Topcoat (ID Quality)



GENERAL

DESCRIPTION

A 5.0 lb. /gal (600 g/l) VOC compliant, acrylic enamel single-stage topcoat that provides very good gloss, chip resistance and durability for excellent performance characteristics.

The products referenced herein may not be sold in your market. Please consult your distributor for product availability.



MIXING

COMPONENTS

Ful-Cryl® II 2K Acrylic Enamel Topcoat (ID Quality) Color Net® code "ID"
 Ful-Base® 430-XX Tints
 Ful-Cryl® 435-94™ 2K Acrylic Enamel Binder
 Ful-Base® 483-11™ Activator
 Ful-Base® 441-20™ Reducer (Low-Temp)
 Ful-Base® 441-21™ Reducer (Mid-Temp)
 Ful-Base® 441-22™ Reducer (High-Temp)

MIX RATIO

Combine the components by volume (8:1:2). Mix thoroughly prior to activation.

Component	Volume
Ful-Cryl® II ID Quality Topcoat Color	8
Ful-Base® 483-11™ Activator	1
Ful-Base® 441-20™ / 441-21™ / 441-22™ Reducer	2

POT LIFE

4 hours at 70°F (21°C)

SPRAY VISCOSITY

20-21 seconds in a Zahn #2

ADDITIVES

Fisheyes

- Add 2-4 oz (60-120 ml) Nason® 495-01™ Fisheye Eliminator per RTS gallon, as needed.



APPLICATION

SUBSTRATES

All OEM finishes, as well as properly prepared metal, fiberglass, plastic and fully cured previously painted surfaces.

SURFACE PREPARATION

Before sanding, wash with soap and water and remove wax and grease with Nason® 441-05™ Silicone and Wax Remover or 481-75™ Surfacer Cleaner (use locally permitted cleaner in regulated areas) using clean rags. Sand finishes according to primer or substrate recommendations and chemically treats large bare metal areas.

COMPATIBLE PRODUCTS

Compatible with all Nason® primers, primer-surfacers and sealers.

SPRAY PRESSURE

Conventional

Siphon Feed: 40-70 PSI at the gun
 Pressure Feed: 40-70 PSI at the gun
 8-12 PSI Fluid Flow on the pot

HVLP: 8-10 PSI at the air cap

GUN SETUP

Conventional

Siphon Feed: 1.6-1.8 mm
 Gravity Feed: 1.4-1.6 mm
 Pressure: 0.8-1.2 mm

HVLP

Siphon Feed: 1.5-1.8 mm
 Gravity Feed: 1.3-1.6 mm
 Pressure: 0.8-1.1 mm

APPLICATION

Solid Colors

Spray medium wet coat. Allow to tack. Then follow with a full wet coat.

Metallic Colors

Apply 2 medium wet coats. Flash 5-10 minutes between coats. A third and final “mist” coat may be applied if necessary to even the metallic.

Integrated Clear

To enhance depth of color and provide a custom look, Ful-Thane® 401-20™ 2K Integrated Clear may be used. Mix one quart of catalyzed and reduced Ful-Thane® 401-20™ 2K Integrated Clear with one quart of activated and reduced color. Both are mixed 8:1:2. **Do not use Ful-Thane® 401-20™ 2k Integrated Clear as a topcoat clear.**

CLEANING OF PAINT EQUIPMENT

Clean spray equipment as soon as possible with lacquer thinner or low VOC cleaner in VOC regulated markets.



DRY TIMES

AIR DRY

Out of dust: 30 minutes
 Tack Free: 45-60 minutes
 Hard: Overnight

FORCE DRY

20-30 minutes at 120-140°F (49-60°C)

All dry times are at normal temperatures, lower temperatures will require longer dry times.



POLISHING

Allow overnight dry. Remove dust with soft, dampened cloth. Use fine compound with soft polishing pad.

Solid Colors: Lightly sand with 1200 grit or finer. Metallic Colors: Lightly “nib” sand small imperfections only. Operate machine at 1700-2000 RPM.

Note: Metallic colors will be damaged if polished excessively.



PHYSICAL PROPERTIES

All Values Ready To Spray

Max. VOC (LE):	5.0 lbs./gal (600 g/L)
Max. VOC (AP):	4.9 lbs./gal (590 g/L)
Avg. Gal. Wt.:	7.87 lbs./gal (943 g/L)
Avg. Wt.% Volatiles:	60.7%
Avg. Wt.% Exempt Solvent:	1.5%
Avg. Wt.% Water:	0.0%
Avg. Vol.% Exempt Solvent:	1.8%
Avg. Vol.% Water:	0.0%
Theoretical Coverage:	505 ft ² (47.5 m ²) at 1 mil
Recommended Dry Film Thickness:	2.0 mil
Flash Point:	See SDS/MSDS

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 usage and recommendations in the VOC Compliant Products Chart for your area.

SAFETY AND HANDLING

For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and SDS/MSDS precautions. If mixed with other components, mixture will have hazards of all components.

Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.

Revised: August 2016

In the United States:
1.855.6.AXALTA
nasonfinishes.com

In Canada:
1.800.668.6945
nasonfinishes.ca

