



Metacryl FC – Compliant Basecoat



FC – Compliant Basecoat
7360, 7361, 7362 or 7363 Hardener
COMPONENTS 7373 Reducer



2 - 3 medium wet coats
Cross-coated with no flash or
5-10 minute flash time
between coats

APPLICATION



Solid Colors: 4 : 1 : 2
Metallic Colors: 4 : 1 : 4

MIX RATIO



Hand Slick: 5 Minutes
Dust Free: 15 Minutes
Dry to Clearcoat: 30 Minutes

DRY TIME



ZAHN #3
10 – 18 Seconds

VISCOSITY



3.5 lbs/gal
419 g/L

VOC



GENERAL

DESCRIPTION

Metacryl FC Compliant Basecoat is a conventional solids polyurethane basecoat that offers excellent color development and performance when used with Metacryl clearcoats. Metacryl FC offers quick dry times, and tape times while maintaining a long pot life.

COMPATIBLE SUBSTRATES

- All Metacryl 2K Primers and Sealers
- Properly prepared OEM or aged finishes

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



MIXING

COMPONENTS

For Solid Colors: Mix 4 parts FC Compliant Basecoat to 1 part 7360, 7361, 7362 or 7363 Hardener to 2 parts 7373 Reducer.

Solid Color Component	Volume
Metacryl FC Compliant Basecoat	4
Metacryl 7360, 7361, 7362 or 7363 Hardener	1
Metacryl 7373 Reducer	2

For Metallic Colors: Mix 4 parts FC Compliant Basecoat to 1 part 7360, 7361, 7362 or 7363 Hardener to 4 parts 7373 Reducer.

Metallic Color Component	Volume
Metacryl FC Compliant Basecoat	4
Metacryl 7360, 7361, 7362 or 7363 Hardener	1
Metacryl 7373 Reducer	4



HARDENER SELECTION

- 7360 Fast 65 – 75°F/18 – 24°C
- 7361 Medium 75 – 85°F/24 – 29°C
- 7362 Slow 85 – 95°F/29 – 35°C
- 7363 Extra Slow 85°F+/29°C

SPECIALTY COMPONENTS

7377 Accelerator: 1 – 3%
 7376 Fisheye Eliminator: Max 2%

POT LIFE

4 Hours at 77°F/24°C / 50% R.H.



APPLICATION

APPLICATION EQUIPMENT

HVLP Gravity	1.3 - 1.5 mm	6 - 10 PSI	*At the cap
High Efficiency	1.3 - 1.5 mm	30 PSI	At gauge
Pressure Pot	1.0 – 1.1 mm	6 - 10 PSI	*At the pot

NOTE: Refer to spray gun manufacturer for further information regarding HVLP Inlet Pressures

APPLICATION

Spray 2 – 3 medium wet coats, can be cross-coated with no flash, or allow 5-10 minutes flash time between coats. Metallic colors may require a mist or drop coat to even the appearance and reduce mottling.

CLEAN-UP

Clean spray equipment immediately following application with a quality thinner or spray gun cleaner. Dispose of all paint and paint related materials in accordance with state and local regulations.



DRY TIMES

AIR DRY

@ 75°F/23°C

Hand Slick	5 Minutes
Dust Free	15 Minutes
Tape Free	1 – 2 Hours
To Clearcoat	30 Minutes
Force Dry Time	30 Minutes at 140°F/60°C
To Sand/Buf	After Cool Down (1 – 2 Hours)



PHYSICAL PROPERTIES

RTS VOC	3.5 lbs/gallon
RTS Volume Solids	20.0 – 25.0% (Average)
ZAHN #3 Viscosity	10 – 18 Seconds
DFT per Coat	Approximately 0.5 mil
Theoretical Coverage	Approx. 320 SqFt at 1 Mil DFT/mixed gallon
Solvent Resistance	MEK pass 100 rubs
Chemical Resistance	Xylene pass 1000 rubs
	Acid (HCl) – No effect, 6hr
	Base (NaOH) – No effect, 6hr
Flexibility	Skydrol – No effect, 6hr
	Pass Conical Mandrel
Direct Impact	100 in/lbs
Reverse Impact	80 in/lbs
Product Class	Basecoat



STORAGE CONDITIONS

Store in a dry, well ventilated area. Storage temperatures should be between -30°F (-34°C) and 120°F (48°C).

VOC REGULATED AREAS

VOC as Applied

419 grams/liter | 3.5 lbs/gallon

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 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.

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In the United States and Canada:

1.855.6.AXALTA
metacryl.us

