

## TECHNICAL DATA SHEET

### C4102 High Performance 2.1 Clearcoat





#### SUBSTRATES

C4102 can be applied over Basecoats or 2.8 / 3.5 VOC Single-Stage Enamels.



#### MIXING

 <b>4</b> <b>C4102</b> <b>Clearcoat</b>	<b>+</b>	 <b>1</b> <b>CH4112</b> <b>or</b> <b>CH4122</b> <b>or</b> <b>CH4132</b> <b>Hardener</b>
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#### Hardener Selection Chart

CH4112	55°-80°F*
CH4122	75°- 90°F
CH4132	90°F and above

\*CH4112 Fast Hardener is designed for 1-3 panel repairs



#### APPLICATION

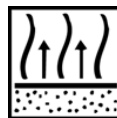
1. Apply 2 coats.
2. Allow flashing to hand-slick between coats. A wet-on-wet "limited flash" application can be used allowing a 2-5 minute flash between coats.
3. Adjust air pressure to:
 

HVLP	8 - 10 psi
Conventional	50 - 60 psi



#### RECOAT

Basecoat:	10-15 minutes
Single-Stage Enamels:	4 hours to overnight dry
Clearcoat:	Allow C4102 clearcoat to dry overnight, then scuff with 1000 grit and reapply clearcoat



#### DRYING

##### Air Dry Times at 70°F

	<b>CH4112</b>	<b>CH4122/CH4132</b>
Dust Free:	15 minutes	45 - 60 minutes
To Deliver:	3 hours	8 hours
<b>Force Dry:</b>	N/A	30 minutes @140-145°F surface temperature

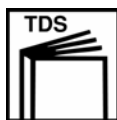


#### BUFFING

If necessary, after 24 hours air dry\*, or cool down from force dry, sand with 1500 or finer grit paper and buff with the appropriate compound. Buffing is easiest when done within the first 48 hours following application.

\*When used with CH4112 Hardener, C4102 Clearcoat can be buffed in as little as 1 hour.

If used as instructed, this product is designed to comply with Volatile Organic Compound (VOC) Standards in low-VOC jurisdictions, for Automobile Refinish Coatings. Confirm compliance with state and local air quality rules before use. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.



## PHYSICAL DATA

Pot Life:  
VOC Ready to Spray  
FE12 Fisheye Eliminator:  
Theoretical Coverage:

1 hour at 75°F  
< 2.1 lbs/gal  
 $\frac{1}{3}$  to 1 oz/RTS quart  
571 square feet/gallon @ 1 mil dry

## PRODUCT DESCRIPTION:

C4102 is a high solids urethane clearcoat designed for air dry and force dry environments. C4102 meets stringent VOC regulations at 2.1 VOC, while providing excellent gloss, DOI, leveling, blending, and buffing characteristics.

## SURFACE PREPARATION:

Refer to basecoat's manufacturer for basecoat application and dry times.



## PERSONAL PROTECTION

- For use by trained professionals only.
- Read label, directions, and MSDS before use.
- Use appropriate Personal Protective Equipment while mixing and spraying.

## REGULATORY DATA

C4102	As Packaged		As Applied	
	Lb/gal	g/L	Lb/gal	g/L
Actual VOC	1.0 Max	100 Max	1.2 Max	145 Max
Regulatory VOC	2.0 Max	240 Max	2.1 Max	250 Max
Density	7 – 9	900 – 1000	8 – 9	960 – 1080
	Wt%	Vol%	Wt%	Vol%
Total Solids Content	35 – 45	30 – 40	40 – 45	35 – 40
Total Volatile Content	55 – 65	65 – 70	55 – 60	60 – 65
Water	0	0	0	0
Exempt Compound Content	< 54	< 57	< 48	< 50
Coating Category	Clear Coating			

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