

**5 STAR XTREME AUTOBODY PRODUCTS
TECHNICAL DATA INFORMATION**

DATED: JUNE 2017

PRODUCT DESCRIPTION:

5 STAR XTREME #8000 Series 2.8 VOC Acrylic Urethane Colors are ***D.T.M.*** – ***Direct to Metal***, high solids, high gloss, low VOC coatings intended for use as a protective maintenance coating for automotive and industrial applications, surfaces exposed to humidity, chemicals and corrosive elements.

PLEASE SHAKE AND STIR ALL PRODUCTS THOROUGHLY

**#8000 SERIES CUSTOM COLOR/CATALYST:
HIGH PERFORMANCE URETHANE SINGLE STAGE SERIES 2.8 VOC –
(GALLON)**

#8000-01 Gloss Black
#8000-04 Gloss Black – (QUART)
#8001-01 Hot Rod Black
#8001-04 Hot Rod Black – (QUART)
#8002-01 Brilliant Black Pearl
#8003-01 Gloss White
#8004-01 Fleet White
#8005-01 Pure White
#8007-01 Oxford White
#8008-01 Charcoal Mist Metallic
#8009-01 Galaxy Silver
#8010-01 Viper Red
#8011-01 Swift Red
#8012-01 Candy Apple Red
#8013-01 International Harvester Red
#8014-01 Allis Chalmers Orange
#8015-01 New Cat Yellow
#8016-01 School Bus Yellow
#8017-01 John Deere Yellow
#8018-01 John Deere Green
#8019-01 Ford Blue

SINGLE STAGE/INTERMIX SERIES CATALYST & REDUCER (QUART & HP)

8030-04		Premium Low VOC Reducer	Qt.
8040-04		2.8 VOC High Performance Urethane Paint Catalyst	Quart
8040-16		2.8 VOC High Performance Urethane Paint Catalyst	1/2 pt

CORESPONDING PRODUCTS

8050-04		Gloss Adjuster - Flattening Agent	Quart
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DIRECT TO METAL ADHESION

NOTE: Performance is better when using DTM Primer under #8000 series paint.

NOTE #8001: Hot Rod Black: An overall mid-coat or prime/sand is suggested for best corner adhesion.

SUBSTRATES:

- Properly cleaned and sanded aluminum, steel, galvanized steel or sand blasted steel
- Properly cleaned and sanded fiberglass, SMC, E-Coat and OEM finish.

POT LIFE

Pot life will be about 3-5 hours at 77° F.

MIXING DIRECTIONS (4:1:1):

2.8 VOC

4 PARTS #8000 Series Single Stage

1 PART #8040 Catalyst

1 PART #8030 Reducer or quality grade Low VOC urethane reducer

SURFACE PREPARATION:

1. Wash area thoroughly with soap and water to remove contaminants that solvent based cleaners cannot remove effectively.
2. Clean area with Wax and Grease Remover.
3. Use a tack cloth to remove any surface contaminants that may have settled on the repaired areas prior to paint application.
4. Apply #8000 series High Performance Urethane Single Stage Color.

APPLICATION DIRECTIONS:

Adjust air pressure to 40-50 psi at gun for gravity, siphon feed guns or HVLP use 6-10 psi at air cap. Apply 2-3 medium coats (maximum 2 mils wet per coat) or until hiding is achieved. Allow a 15-20 minute flash time between coats and before force drying.

DRY TIMES AT 77°F:

FLASH TIME 15-20 MINUTES

TO DELIVER 16-24 HOURS

FORCE DRYING AT 140°F:

PURGE TIME 15 MINUTES

BAKE TIME AT 140°F 40 MINUTES

WET SAND/BUFF TIMES – 48 HOURS (Colder climates are slightly longer)

RECOATING:

2.8 VOC XTREME #8000 Urethane Single Stage Color may be recoated after 16-24 hours at 77° F. After 16-24 hours it must be lightly sanded/scuffed before additional color or clearcoat may be applied.

ACCELERATOR & FISHEYE ELIMINATOR:

Accelerator and/or Fisheye Eliminator is not recommended for use in this product.

CLEAN-UP:

Clean spray equipment immediately after use with 5 STAR XTREME Gun Wash, or a high quality lacquer thinner, or compliant solvent depending on area regulations.

TECHNICAL DATA:

Color: Various

Catalyst: #8040

Low VOC Reducer: #8030

Mixing Ratio (2.8 VOC): 4:1:1

Weight Solids (RTS): 52 - 70%

Viscosity #2 Zahn (RTS): _____ 18 - 28 seconds #2 Zahn

Pot Life: 3-5 hours

Film Build per coat: _____ 1.0-2.0 mils per full wet coat

Optimum Dry Film Build for Max Protection : _____ 2.5 mils dry

Coverage: _____ 850 sq.ft. per gallon @ 1 dry mil

Disposal/Safety: _____ See SDS for this product

NOTE: 5 STAR XTREME products are not recommended for use in temperatures below 60° F. Use below these temperatures will effect dry times and performance.

FOR PROFESSIONAL USE ONLY

Read SDS Before Use

The contents of the package must be blended with other components before the product can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions. The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

SEE SDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.

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