



# Technical Data Sheet

## AUTOXTREME SB SATIN BLACK

**DESCRIPTION:**

**Autoxtreme SB Satin Black** is a 2-component single stage acrylic urethane coating that is designed for various mixing ratios providing satin, eggshell or flat finishes. The gloss level is variable depending on the mixing ratio of satin black to hardener.

**\*SHAKE WELL PRIOR TO USING**

**FEATURES:**

- \*Easy Mix Ratios
- \*True 2K Urethane Durability
- \*Excellent Stability from UV Light
- \*Great Rub Resistance
- \*Chemical Resistance
- \*Three Gloss Levels / One Product
- \*Uniform Jet-Black Color
- \*Fast Dry
- \*Flexible
- \*Long-term Durability

**PRODUCT & ADDITIVES:**

PRODUCT	ITEM #	SIZE
Autoxtreme SB Satin Black	6001/6004	Gallon/Quart
Autoxtreme Medium Hardener	6754/6759	Quart/½ Pint
Autoxtreme Slow Hardener	6854/6859	Quart/½ Pint
Autoxtreme X-Slow Hardener	6954	Quart
Autosolv Urethane Reducers - Optional	Various	Various

**COMPATIBLE SUBSTRATES:**

Rigid Plastics – Properly Prepared  
Properly Prepared Solvent Resistant Finishes  
Autokote 2K Primers/Sealers  
OEM Finishes



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### SAFETY ASPECTS:



Users should review the Safety Data Sheet (SDS) and product label for the material to be used to determine possible health hazards, appropriate engineering controls and precautions to be observed in the use of the material. Copies of the SDS are available on the ordering portal. Click on the SDS button located under each product. You can also locate the SDS on the tech center website or call the technical department and request them.

### MIXING RATIOS:

#### *Various Gloss Levels*

#### **MIX 4:1 (Satin / High Sheen)**

4 parts: SB Satin Black

1 part: Autoxtreme Hardener; Medium, Slow, X-Slow

#### **MIX 5:1 (Eggshell / Medium Sheen)**

5 parts: SB Satin Black

1 part: Autoxtreme Hardener; Medium, Slow, X-Slow

#### **Mix 6:1 (Flat / Low Sheen)**

6 parts: SB Satin Black

1 part: Autoxtreme Hardener; Medium, Slow, X-Slow

**Optional:** 0-5% Autosolv Urethane Reducers may be used in any 4:1, 5:1 or 6:1 mixing ratio if desired.

#### ***Application Tips:***

*Review the temperature ranges of the hardeners. Select the hardener that matches (or slower) the ambient temperature. This allows the gloss reducing agent within the Satin Black to work fully to provide the desired finish. Too fast of a hardener will flash too quickly and not provide an even sheen. If any reducer is used it must be equal flash(speed), or slower, as the hardener.*



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**GUN SETUP:**



TYPE	FLUID TIP	SPRAYING PRESSURE
Conventional Gravity	1.3 mm – 1.4 mm	40-45 psi @ gun
HVLP Gravity	1.3 mm – 1.4 mm	8-10 psi @ air cap
Siphon	1.3 mm – 1.4 mm	40-45 psi @ gun

Fluid Adjustment for 1.3 mm nozzle – turn out 3 full turns

Fluid Adjustment for 1.4 mm nozzle – turn out 2 ½ turns

**NUMBER OF COATS:**

For best results the apply 1 full wet coat of SB Satin Black and allow 5-10 minutes flash time. Then apply 1 medium coat.

\*Applying 2 full wet coats will provide a slightly higher gloss.

**FLASH TIMES:**

5 - 10 minutes flash time between coats

**PURGE TIME:**

15 minutes.

**DRYING TIMES:**



METAL TEMP	DUST FREE	TACK FREE	DRY
72°F/22°C	10-15 minutes	15-20 minutes	N/A
140°F/60°C	N/A	N/A	15-20 minutes

**Note:** Purge time before force dry is generally 15 minutes.

**RECOATABILITY:**

Matt Black SS may be recoated after bake cycle when wheel has completely cooled down. Air dry repair can be done after 3-4 hours. For best results in air dry situations repair next day.

**FILM THICKNESS:**

Approximately 1.0 -1.2 mils per single wet coat.

**POLISHING:**

**NO SANDING OR POLISHING CAN BE PERFORMED.**



**DECALS:**

Decals, lettering, or stripes can be applied after 24 hours.

**CLEANING EQUIPMENT**

Clean equipment immediately with lacquer thinner.



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**TECHNICAL DATA:**



Color	SB Satin Black
Activator/Hardener	Autoxtreme Hardeners
Mix Ratio	4:1 / 5:1 / 6:1
Reducer	0-5% optional
Additives	N/A
Number of Coats	1 full wet coat / by 1 medium coat
Flash Time	10 - 15 minutes
Purge Time	15 minutes
Dry Time	4-6 hours @ 72°/22°C 15-20 minutes @ 140°F/60°C
Gun Set-Up	Refer to Table on Page 3
Air Pressure @ Gun	Refer to Table on Page 3
Pot Life	60 min @ 72°/22°C
Sprayable V.O.C.	2.8 lbs./gal
Package Size	Gallon / Quart
Shelf Life	12 months unopened

*All data given below are MAXIMUM THEORETICAL VALUES based on the product AS CURRENTLY FORMULATED. Variations may occur on individual batches due to adjustments made during production.*

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