



DuPont OEM/Fleet Finishes

# IMRON<sup>®</sup>EZ3460S

**TYPE**

A two-component, low VOC (420g/L) polyurethane enamel clearcoat.

**DESCRIPTION**

IMRON<sup>®</sup>EZ3460S is a two-component, polyurethane clear coat designed for use with Imron<sup>®</sup> Elite BC solid, metallic and pearl base colours. IMRON<sup>®</sup>EZ3460S can also be used over Imron<sup>®</sup> Elite<sup>®</sup> single stage colours. IMRON<sup>®</sup>EZ3460S has excellent cleaning properties and resists dirt, road tar, and tree sap. This high gloss, extremely durable, chemical and solvent resistant, air dry clear resists yellowing and is easy to use. IMRON<sup>®</sup>EZ460S has good flow out and excellent sag resistance.

**SUGGESTED USES**

When high chemical and graffiti resistance are desired, IMRON<sup>®</sup>EZ-3460S is ideal for use over Imron<sup>®</sup> Elite BC solid, metallic and pearl base colours, and can also be used over Imron<sup>®</sup> Elite 3.5 VOC P.U. Topcoat.

**NOT RECOMMENDED FOR**

- Immersion service
- Non cured paint films or substrates

**COMPARIBILITY WITH OTHER COATINGS**

IMRON<sup>®</sup>EZ-3460S is recommended for use over Imron<sup>®</sup> Elite base coat, Imron<sup>®</sup> 6000, Imron<sup>®</sup> Elite 3.5 VOC P.U. Topcoat and Imron<sup>®</sup> 5000 solid or metallic colours.

**Note: For wet-on-wet applications, the base colour must be activated with IMRON<sup>®</sup>EZ-3461S @ 3:1**

**DRY FILM CHARACTERISTICS**

- Chemical Resistance – EXCELLENT
- Humidity Resistance -- EXCELLENT
- Weatherability -- EXCELLENT
- Acid Resistance -- EXCELLENT
- Alkali Resistance -- EXCELLENT
- Solvent Resistance – EXCELLENT
- Abrasion Resistance -- EXCELLENT
- Flexibility -- EXCELLENT

**MAXIMUM SERVICE TEMPERATURE**

- 90°C in continuous service
- 150°C in intermittent heat

**VOLUME SOLIDS**

- 52.7% as packaged
- 58.3% mixed 3:1 with EZ-3461S Imron Activator

**WEIGHT SOLIDS**

- 46.2% as packaged
- 52.1% mixed 3:1 with EZ-3461S

**SUGGESTED FILM THICKNESS**

- 50-60µm dry film thickness

**THEORETICAL COVERAGE PER LITRE**

- 10m<sup>2</sup>/L @ 50µm mixed 3:1 with IMRON<sup>®</sup>EZ-3461S

**GLOSS**

- High

**COLOUR**

- Clear

**FLASH POINT (CLOSED CUP)**

- Below 27°C

**SHELF LIFE**

- 12 months minimum

**APPLICATION SOLVENT**

- No reduction is necessary; product is ready-to-spray at less than 420g/L. VOC upon application
- 8685S Thinner may be used to adjust viscosity in non V.O.C. regulated areas

**CLEANUP SOLVENTS**

- DuPont Thinner 3608S



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### ACTIVATION (mix ratio)

Stir EZ-3460S Low VOC Clear thoroughly prior to activation to secure uniform mixture. Mix 3 parts IMRON®EZ-3460S with one part EZ-3461S Activator and mix thoroughly. Filter material prior to spray application. Up to 15 grams of 389S may be added per ready to spray litre to extend pot life and improve drying.

### INDUCTION TIME

- No induction time is required

### POT LIFE

- 2 hours at 20°C
- 2-4 hours at 20°C with 389S Accelerator

### ADDITIONAL COMMENTS

- For optimum application and appearance the clear coat should be heated to 30°C.  
Note: Mastertint® 389S should be used to extend pot life.
- Heating activated material above 43°C will cause gelation.
- The use of 389S is recommended for improved dry time in air dry applications.  
Use up to 15 grams per ready-to-spray litre.

### APPLICATION CONDITIONS

Do not apply if material, substrate or ambient temperature is less than 10°C or above 43°C. The substrate must be at least 3°C above the dew point. Relative humidity should be below 80%.

### APPLICATION

- Thoroughly stir IMRON®EZ3460S prior to activation
- To 3 parts IMRON®EZ3460S add 1 part EZ3461S Activator. Up to 15 grams of 389S Accelerator should be used to improve dry time.
- For wet on wet applications, Imron® EliteBC® solid, metallic and pearl base colours and Imron® Elite® single stage colours must be activated with EZ3461S at 3 parts colour to 1 part EZ3461S activator. 15 grams of 389S may be added at up to per ready-to-spray litre.

### SPRAY

- Viscosity should be 12-14 seconds using a Zahn #3 cup.
- Apply one cross-coat technique (two passes with no flash time) to a dry film thickness 50-60µm dry film thickness.

### CURE TIME AT RECOMMENDED THICKNESS (AT 60°C & 50% RH)

	Without 389S	With 389S
Dry to Touch	4-6 hours	1-2 hours
Tack Free	10-12 hours	2-4 hours
Tape Free	12-24 hours	4-6 hours
Dry to Assemble	72 hours	72 hours

Product may be force dried 30 minutes at 60 - 70°C

### APPLICATION EQUIPMENT

- Pressure pot (recommended)
- Gravity Feed Gun
- HVLP

### FOR VOC REGULATED AREAS

These directions refer to the use of products which may be restricted or require special mixing instructions in your area. **Follow recommendations in the DuPont Compliant Products Chart for your area.**

### SAFETY AND HANDLING

DuPont is committed to helping you develop and maintain a safe working environment. Carefully read the specific warnings and precautions printed on the labels of all DuPont products before handling or using. These products are for use by trained professional painters only.