



Product Description

Cam Clear Elite Adhesion Promoter is a solvent based, single pack, acrylic co-polymer adhesion promoter, designed for use over bare metals, plastics e-coated, rubber, fiberglass and painted metal surfaces (including small rubbed through areas). Elite Adhesion is ideal for blending in over existing painted panels.

Drying time is dependent upon climatic conditions, it will normally dry at room temperature within five minutes, although some heat application will assist and decrease the drying time.

For more detailed information please refer to the Standard Operating Procedure (S.O.P) document.

READY FOR USE FOR SOLVENT BASED SYSTEMS ONLY

Applicable Substrates

- Electro-coated (E-coat) panels
- Panels coated with existing systems, i.e. 2K's and polyurethanes.
- Not to be used on powder-coated substrates unless the surface is rubbed and cleaned with Surface Pre-Treatment
- Bare Metal Surfaces.
- Plastic, rubber and fiberglass substrates.

Environmental Notes

Environmentally the Elite Adhesion systems eliminate the use of:

- Chromates (e.g. zinc)
- Chromate VI
- Hexavalent Chromium
- Lead
- Cadmium
- Isocyanates

Typical Applications

Elite Clear Adhesion has proven to give excellent adhesion to bare metals, electro-coated, plastics, rubber, fiberglass and painted surfaces supporting a wide range of solvent based automotive and industrial topcoats including two pack systems and polyurethanes; however, is not to be used with enamel paints.

Elite Clear Adhesion Promoter allows blend-ins to be completed with only a light scouring of substrates, but it is recommended to remove all road grime or contamination using Surface Pre-Treatment with a light scouring.

For plastics the substrate must be thoroughly cleaned with Clean Plastic and a scour pad. This cleaner will leave the plastic substrate with a dull appearance.

Surface Preparation

Surface Preparation varies depending on the substrate being coated.

For plastics, rubber, fiberglass or any other surface that static electricity may eventuate use Clean Plastic Antistatic Clean

For metal, painted panels, e-coat substrates, spray the Surface Pre-Treatment using a brass tipped pump bottle then using a grey scotch brite (where allowable) lightly scour the panel. Re-apply the Surface Pre-treatment and remove the cleaner using a clean cloth.

A light sand are edges e.g. apertures



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Precautions & Limitations

Surface preparation is critical, following the cleaning of metal surfaces check the secondary cleaning cloth that no black contaminated is visible. Repeat the cleanliness to guarantee that all contamination is removed from the surface, otherwise delamination will occur.

When cleaning plastics or rubber with the Clean Plastic the substrate should be completed dull before applying the adhesion system.

Product Preparation

Can Clear Elite Adhesion is ready for use, but the user should ensure the container is always shaken and strained before use. Please immediately replace lid to maintain integrity of the product.

Conditions

Relative humidity 35% - 75%
Temperature > 22°

Equipment

Air : 1.3mm – 2mm nozzle
HVLP : 1.3mm – 2mm nozzle
Airless Electrostatic : 6.11 – 6.13, (.011 - .013 inch) angle 60°

Coats

Apply a light coat of Elite Clear Adhesion around the edges followed by an even wet or closed coat.

Flash Off Time

Approximately 3-5 minutes.

Dry Film

5 – 10um depending on application

Thickness

Overcoating Time

Elite Clear Adhesion can be overcoated immediately after flashing off completely (approx. 3-5 minutes) or left for any period before overcoating but ensure this coated surface is covered or protected. Able to be tack ragged if left prior to overcoating.

Pot Life

Not Applicable

Notes on Overcoating

Proceed to apply final finishing Topcoat system over the Cam Clear Elite Adhesion promoter, bake or allow to dry overnight

Typical Physical Properties

Appearance

Clear Liquid

Solids

10.6%

Specific Gravity @ 20°C

0.87 ± 0.05%

Flash Point °C

4.4°C (Toluol)

Theoretical

21.2m² per liter at 5um dry film thickness

Coverage

Handling and Storage

Product shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8°C and 28°C unless otherwise labelled. For further specific shelf-life information, contact our Technical Service Personnel.



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Disclaimer

The data contained herein are furnished for information only and is believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods and raw materials we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of people against any hazards that may be involved in the handling and use thereof.

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