SPECIALIZED COATING SYSTEMS
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AERO2K® Clear Coat

INTERIOR & EXTERIOR | **SOLVENT BASED** | **2K**

Description:

A two component, solvent based, aliphatic clear polyurethane aerosol coating with exceptional clarity, durability & chemical resistance.

Intended Uses:

AERO2K® Clear Coat is a premium quality polyurethane clear finish designed to seal & protect your paintwork delivering a deep, high gloss finish that enhances the colour & appearance of your basecoat.

The advanced formulation, activated at point of use cures to a hard, UV stable film providing superior resistance to UV rays, scratches, chemicals and weathering ensuring a long lasting & flawless shine. Ideal for the long-lasting protection of new finishes and refinish work.

AERO2K® Clear Coat can be used for automotive & bike refinishing or as a topcoat for industrial/decorative applications for metal components, fabricated parts, equipment, and fixtures requiring a durable & chemical resistant glossy finish.

Features & Benefits:

- Professional 2K Formulation – Offering exceptional gloss, hardness & durability.
- Superior UV Protection – Preventing fading & the degradation of the underlying colour coat.
- Excellent Chemical & Scratch Resistance – Providing a tough barrier against environmental damage.
- Deep, High-Gloss Finish – Enhancing the vibrancy and appearance of the base colour.
- Long Lasting & Durable – Maintaining a professional finish for years to come.
- Fan Nozzle – Providing a high-quality fan spray for larger areas.

Certifications:

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Technical Data:

Product Physical Form	Aerosol
Binder Type	Two component polyurethane (Containing base & hardener)
Colour	Clear
Appearance	Smooth high gloss
Recommended DFT	40 – 50µm (Dry Film Thickness)
Spreading Rate	0.75 to 1.1 m²/ 400ml Can per coat, allowance should be made for site application losses & surface profile
Number of Coats	2
Method of Application	Aerosol spray
Pack Size	240ml & 400 ml (12 x cans per carton)
Storage	Store out of direct sunlight in dry conditions between 15˚C and 25 ˚C
Shelf Life	2 – 3 years when stored as recommended in original un-opened containers.

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Important Information:

- Always consider a test patch to check suitability & adhesion.
- Always consult with technical department if unsure.
- Technical & application data herein is for the purpose of establishing a general guideline of the coating application procedure.
- Test performance results were obtained in a controlled laboratory environment and Specialized Coating Systems makes no claim that the exhibited published test results, or any other tests, accurately represent results found in all field environments. As application, environmental and design factors can vary, due care should be exercised in the selection & verification of the performance and use of the coating.
- Always check weather forecast before painting. Do not paint if rain fall is imminent as it will negatively affect the ability of the product to cure and bond to the surface.
- Do not use material longer than 24 hours after activation at room temperature (20°C). The processing time depends on the ambient temperature. Higher temperatures reduce the pot life. Activation initializes crosslinking reaction which consequently leads to gelling after pot life. The product must not be used after pot life.

Surface Preparation:

In general, the following guidelines for preparation should be adhered to. Always consult for a detailed specification.

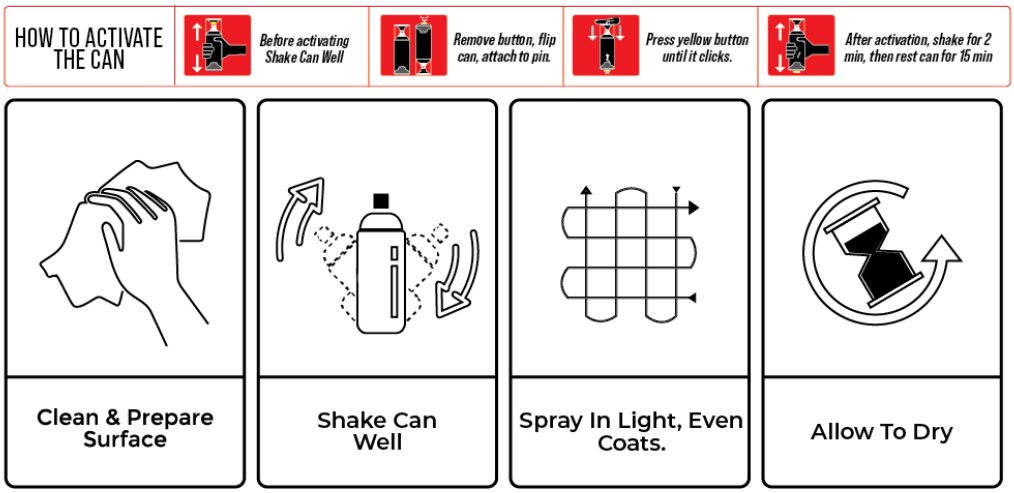
- The areas to be coated should be dry, firm, solid and free from dust, oil, fats, and other contaminants.
- Oil can be removed using ***Hydrosolve Degreaser***.
- Fungal growth or algae can be removed using ***Fungicidal Wash***.
- Laitance and loose particles must be removed thoroughly i.e., grinding /high pressure cleaning.
- After the cleaning process & before application of the primer/colour coat, it's important that surfaces have been allowed the proper drying time.

All surfaces to be coated must be dry, clean, and free from contamination. Prior to paint application all surfaces should be assessed and treated in accordance with International Standard ISO 8504:2000 and SSPC-SP1.

AERO2K® Clear Coat should always be applied over the recommended priming/colour coat. The primed/colour coated substrate should be dry and free from any contamination and AERO2K® Clear Coat must be applied with the coating intervals specified in the relevant product data sheet.

Damaged or broken-down areas where the substrate has been exposed must be prepared to the specified standard (e.g. SSPC-SP6 or Sa2½ (ISO 8501-1:2007), Abrasive blasting, or SSPC-SP11, Power Tool Cleaning) and primed/ colour coated prior to the application of AERO2K® Clear Coat.

Application:



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Application Environment:			
	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	5°C*	5°C	No lower limit
Maximum	45°C	45°C	85%

*Or 3°C above dew point

Drying & Overcoating Information:	
Touch Dry	20 min @ 25°C
Overcoating Time	4 hours @ 25°C
Hard Dry & Polish	24 hours @ 25°C 1 hour @ 60°C
Extra Information	-

Systems:

Consult with Specialized Coating System for application specific recommendations.

Safety Information:

- Refer to product SDS for health & safety prior to using products.
- Always wear safety clothing / protection. Respirators, eye protection & skin protection.
- Apply in well-ventilated areas

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