

LAUCO FC2000

LAUCO FinishX FC2000 2:1 Automotive Euro HS Clear Coat Kit Instruction Manual

Model: FC2000

1. INTRODUCTION

This manual provides comprehensive instructions for the proper use and application of the LAUCO FinishX FC2000 2:1 Automotive Euro HS Clear Coat Kit with Fast Activator. This product is designed to provide a high-gloss, durable, and UV-resistant finish for automotive surfaces. Adherence to these instructions is crucial for optimal results and safety.



Image 1.1: The FinishX FC2000 Euro Clear Coat (left) and FC2010 Fast Hardener (right) components of the kit.

2. SAFETY INFORMATION

WARNING: FLAMMABLE LIQUID AND VAPOR. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. IRRITATES EYES, SKIN AND RESPIRATORY TRACT.

Always read and understand all safety data sheets (SDS) and product labels before use. This product is for professional use only.

- **Ventilation:** Use in a well-ventilated area. Ensure adequate fresh air supply.
- **Personal Protective Equipment (PPE):**
 - Wear suitable respiratory protection (e.g., a fresh air supply respirator) to avoid inhalation of vapors.
 - Wear chemical-resistant gloves to prevent skin contact.
 - Wear eye protection (safety goggles or face shield) to prevent eye irritation.
 - Wear protective clothing to prevent skin exposure.
- **Fire Hazards:** Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
- **Storage:** Store in a cool, dry, well-ventilated place, away from incompatible materials. Keep containers tightly closed.
- **First Aid:** In case of contact, flush eyes or skin with plenty of water. If inhaled, move to fresh air. Seek medical attention if irritation persists or symptoms develop.

3. PRODUCT COMPONENTS

The FinishX FC2000 2:1 Automotive Euro HS Clear Coat Kit includes:

- 1.3 Gallon (5 Liters) FinishX FC2000 Euro Clear Coat
- 1 Quart (0.946 Liters) FinishX FC2010 Fast Activator/Hardener

This kit provides a total volume of approximately 7.5 Liters (256.0 Fluid Ounces) of mixed product.

4. SETUP AND SURFACE PREPARATION

Proper surface preparation is critical for adhesion and durability of the clear coat.

1. **Clean Surface:** Thoroughly clean the entire surface to be coated. Remove all dirt, grease, wax, and contaminants using a suitable automotive degreaser and cleaner.
2. **Sanding:** Lightly sand the base coat or existing finish with appropriate grit sandpaper (e.g., 800-1000 grit wet sanding) to create a mechanical bond for the clear coat. Ensure the surface is dull and free of gloss.
3. **Dust Removal:** Remove all sanding dust with a tack cloth or compressed air. Ensure the surface is completely dry and dust-free before proceeding.
4. **Masking:** Mask off any areas not intended for clear coat application to prevent overspray.



Image 4.1: An automotive technician applying clear coat in a controlled environment, demonstrating proper PPE and masking.

5. OPERATING INSTRUCTIONS (MIXING AND APPLICATION)

5.1. Mixing

The FinishX FC2000 Clear Coat and FC2010 Fast Activator are designed for a 2:1 mixing ratio by volume.

- **Ratio:** Mix 2 parts FinishX FC2000 Euro Clear Coat with 1 part FinishX FC2010 Fast Activator.
- **Thorough Mixing:** Stir the mixture thoroughly for at least 2-3 minutes until a uniform consistency is achieved.
- **Pot Life:** The pot life of the mixed product is approximately 1-2 hours at 68°F (20°C). Prepare only the amount of product that can be used within this timeframe.

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FINISH X

AUTOMOTIVE REFINISHES

EURO CLEAR COAT

DIRECTIONS



Surface Preparation

Wipe all the surface before applying the product



Mix 2:1 with Activators

2 part X2000 Euro Clear Coat
1 part activator (FH2010 Fast,
FH2020 Medium or FH2030 Slow)



Application

2 to 3 times



Flash off and dry times

First Coat: 10-15 minutes flash time
Second Coat: 10 - 20 minutes flash time



Air to buff: 15-24 hours @ 68 F

Force dry to buff: Cool to room temp.
before buffing



Pot life @ 68 F

120 - 240 minutes



Use suitable respiratory protection
(we recommend the use of a fresh
air supply respirator.)



Clean up your gun after using

Hardener 2001 (Fast)

5 - 15°C (41 - 59°F)

Hardener 2002 (Standard)

15 - 25°C (59 - 77°F)

Hardener 2003 (Slow)

25 - 35°C (77 - 95°F)

VOC: 3 9

HEALTH	0
FLAMMABILITY	3
PHYSICAL HAZARD	0

FAST ACTIVATOR



FINISHX
AUTOMOTIVE REFINISHING

FAST ACTIVATOR

DIRECTIONS

Surface Preparation
Wipe all the surface before applying the product

Mix 2:1 with Activators
2 parts FC2000 Ultimate Clearcoat
1 part activator (FC2010 fast, FC2020 standard, or FC2030 slow)

Application
2 to 3 times

Flash off and dry times
First Coat: 10-15 minutes flash time
Second Coat: 10 - 20 minutes flash time

Air to buff: 16-24 hours @ 68°F
Forms dry to buff. Cool to room temp. before buffing

Pot life @ 68°F
120 - 240 minutes

Use suitable respiratory protection
(we recommend the use of a fresh air supply respirator.)

Clean up your gun after using

Hardener FC2010 (Fast)
5 - 15°C (41 - 59°F)
Hardener FC2020 (Standard)
15 - 25°C (59 - 77°F)
Hardener FC2030 (Slow)
25 - 35°C (77 - 95°F)

VOC: 3.9 lbs/gal

HEALTH	0
FLAMMABILITY	3
PHYSICAL HAZARD	0

Image 5.2: The FinishX FC2010 Fast Activator label, detailing mixing and application guidelines.

5.2. Application

Apply the clear coat using a suitable spray gun.

- **Coats:** Apply 2 to 3 medium wet coats.
- **Flash Off Time:** Allow 5-10 minutes flash off time between coats at 68°F (20°C). Adjust flash time based on temperature and humidity.
- **Gun Cleaning:** Clean your spray gun immediately after use with appropriate gun cleaner.

5.3. Drying Times (Fast Activator)

Drying times are approximate and depend on temperature, humidity, and film thickness.

- **Dust Free:** 15-20 minutes at 68°F (20°C).
- **To Handle:** 1.5-2 hours at 68°F (20°C).
- **Full Cure:** 24 hours at 68°F (20°C).
- **Bake Time:** 30 minutes at 140°F (60°C) for accelerated drying.

The Fast Activator is designed to accelerate the drying process while allowing adequate working time.

EURO CLEAR COAT + FAST ACTIVATOR



Introducing the European Clear Coat, a revolutionary product that brings your vehicle's finish to a whole new level of brilliance. With its exceptional characteristics, this clear coat delivers the shine and miles-deep appearance of a show-quality finish, making heads turn wherever you go.

Image 5.3: A vehicle showcasing the high-gloss finish achieved with the FinishX Euro Super Gloss Clear Coat.

6. MAINTENANCE

To maintain the high-gloss finish and durability of your clear coat:

- **Washing:** Wait at least 72 hours after full cure before washing the vehicle. Use a pH-neutral car wash soap and soft microfiber towels.
- **Waxing/Sealing:** After the clear coat has fully cured (typically 30 days), you may apply a high-quality wax or paint sealant for additional protection and gloss enhancement.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners, strong solvents, or harsh chemicals on the clear-coated surface.
- **UV Protection:** The clear coat contains UV inhibitors, but regular cleaning and protection will further extend its lifespan and appearance.



Image 6.1: A close-up view of a vehicle's paint, highlighting the deep gloss and reflection provided by the clear coat.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Poor Gloss / Haze	Insufficient film thickness, improper mixing, application in high humidity, inadequate surface preparation.	Ensure proper mixing ratio and application technique. Apply sufficient coats. Re-sand and reapply if necessary.
Orange Peel	Improper spray gun setup (pressure, distance), incorrect viscosity, insufficient flash time.	Adjust spray gun settings. Ensure proper flash times between coats. Lightly wet sand and polish after full cure.
Runs / Sags	Too much material applied per coat, holding gun too close, slow gun speed.	Apply thinner, even coats. Maintain proper gun distance and speed. Allow longer flash times.
Slow Drying	Low ambient temperature, high humidity, incorrect activator used (e.g., slow activator instead of fast), too thick application.	Ensure application environment is within recommended temperature range. Verify correct activator. Apply thinner coats.

8. SPECIFICATIONS

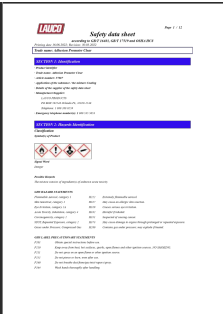
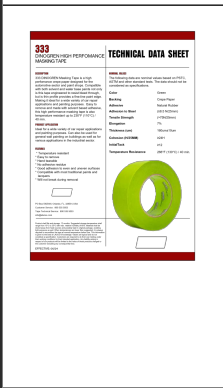
- **Product Name:** FinishX FC2000 Euro HS Clear Coat Kit
- **Model Number:** FC2000
- **Brand:** LAUCO
- **Kit Contents:** 1.3 Gallon (5L) Clear Coat, 1 Quart (0.946L) Fast Activator
- **Mixing Ratio:** 2:1 (Clear Coat : Activator) by volume
- **Finish Type:** High-Gloss
- **Special Features:** High Gloss, UV Resistant, Fast Drying (with Fast Activator)
- **Paint Type:** Spray
- **Specific Uses:** Automotive Interior/Exterior
- **Surface Recommendation:** Car
- **Item Volume:** 7.5 Liters (total mixed)
- **UPC:** 749460695110

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your FinishX FC2000 Clear Coat Kit, please contact LAUCO customer service directly. Refer to your purchase documentation or the LAUCO brand store for contact details.

LAUCO Brand Store: [Visit the LAUCO Store on Amazon](#)

Related Documents - FC2000

	<p>LAUCO Adhesion Promoter Clear - Safety Data Sheet (SDS)</p> <p>Comprehensive Safety Data Sheet (SDS) for LAUCO Adhesion Promoter Clear, detailing hazards, safe handling, first aid, and regulatory information.</p>
	<p>333 DINO GREN High Performance Masking Tape - Technical Data Sheet LAUCO</p> <p>Technical data sheet for LAUCO's 333 DINO GREN High Performance Masking Tape, detailing its properties, applications, and nominal values for automotive and painting use.</p>

