HŌSEKI
Automotive Coatings

Technical Data Sheet

ACRYLIC LACQUER PRIMER 2.1 VOC

Description

20091 ACRYLIC LACQUER PRIMER 2.1 VOC GRAY 1GL

20101 ACRYLIC LACQUER PRIMER 2.1 VOC BLACK 1GL

20111 ACRYLIC LACQUER PRIMER 2.1 VOC WHITE 1GL

20121 ACRYLIC LACQUER PRIMER 2.1 VOC RED OXIDE 1GL

Hoseki 2.1 VOC Acrylic Lacquer Primer is a fast-drying, high-production coating engineered for exceptional filling capabilities and easy sanding. It delivers outstanding color holdout and zero shrinkage, ensuring a reliable, level foundation for a variety of topcoats. This primer is designed to maximize shop productivity by offering excellent adhesion and rapid turnaround times.

Surface Preparation

Wash the area with soap and water to eliminate contaminants.
Clean the surface using Hoseki Wax & Grease Remover, wiping down sections no larger than 2 square feet at a time.
Sand the surface with 180–220 grit abrasive and reclean the area.
Bare metal requires treatment with a quality metal conditioning system, followed by an application of Hoseki Epoxy Primer or a self-etching primer.
Note: Do not apply epoxy primer over a self-etching primer

Mixing Directions

(1:1 to 1:1.5)
Thoroughly mix the product; do not shake. Combine one (1) part Hoseki Acrylic Lacquer Primer with one (1) or one-and-a-half (1.5) parts of a VOC-compliant lacquer thinner or premium reducer.

Application

Gun Setup: HVLP / LVLP: 1.2–1.6 mm fluid tip | 10 PSI at the aircap
Gravity Feed: 1.2–1.6 mm fluid tip | 40–45 PSI at the gun inlet
Siphon Feed: 1.4–1.6 mm fluid tip | 40–55 PSI at the gun inlet
Pressure Feed: 1.0–1.2 mm fluid tip | 40–50 PSI at the gun inlet
Application: Apply 2 to 3 medium wet coats. Allow 10-15 minutes of flash time between each coat.

Bake Time *(@140°F)*

Bake Time: 20 minutes at 140°F (60°C).

Dry Time *(@77°F)*

Flash Time: Allow 10–15 minutes of flash time between coats.
Dry to Sand: Allow 45–60 minutes of dry time at 77°F before attempting to sand. It can be sanded wet or dry, with a final block sanding using 400–600 grit abrasive.
Note: Film thickness, flash times, and shop temperatures will heavily affect overall sanding times.

Pot Life

4 hours (@70°F (21°C) and 50% R.H.).
Unlimited in a sealed cup.

Suitable Substrates

OEM E-Coat and primed plastic parts
Raw plastic - rigid (SMC, BMC)
Properly prepared OEM finishes
1K and 2K Primers
Self-etching primers
Note: Due to varying plastic types, always perform a test patch. An adhesion promoter may be required for optimal bonding.

Additives

Tinting: Not recommended.
Accelerator: Do not use.
Fisheye Eliminator: Do not use.
Flex Additive: Integrate Urethane Flex Additive according to its specific instructions when spraying elastomeric substrates.

Personal Protection

For use only by professional, trained painters. Not for sale to or use by the general public. Before use, read and follow all TDS, label, and Safety Data Sheet (SDS) precautions. This product contains hazardous materials and must be used with appropriate personal protective equipment (PPE), including a NIOSH-approved respirator, safety glasses, and chemical-resistant gloves. If mixed with other components, the resulting mixture will have the hazards of all combined components. Ensure adequate ventilation during mixing, application, and curing processes.

Technical Data

Color: Gray, Black, White, Red Oxide
Flash Point: < 23°F TCC
Pot Life: 4 hours (@77°F (21°C) and 50% R.H.). Unlimited in a sealed cup.
Recommended Film Build: 2.0–2.5 mil DFT
Mix Ratio: 1:1 up to 1:1.5
Approximate Coverage: 450 sq. ft./gal @ 1 mil
Weight Solids: 24.0%
Sprayability Viscosity: 18 sec. #2 Zahn
Actual VOC: 4.2 lbs./gal. mixed 1:1 (with standard reducers)
Regulatory VOC (Ready to Spray): 2.1 lbs./gal. when mixed 1:1 with a "0" VOC Reducer or Acetone
Product Category: Primer