Frequently Asked Questions

Automotive ECO1688 Clear Coat/Primer Surfacer/Texture Coating

For Professional Use Only

Question: What is the recommended use of ECO1688?

Answer: For auto refinish work as a surfacer, topcoat and texture coat recommended to be used with most fillers, primers, base coats, clear coats, and pre-existing fully cured finishes.

Question: Can ECO1688 be used direct-to-metal, aluminum, stainless steel?

Answer: No, It is recommended to use ECO1888

Question: Is it recommended to pour ECO1688 back into its original container after use?

Answer: Not recommended

Question: Can ECO1688 be used direct-to-plastic?

Answer: No – Plastic should be sanded with the most aggressive grit sandpaper that the plastic will allow for, clean and apply ECO1888

Question: What is the recommended spray gun* setup for ECO1688?

Answer: RP - Gravity Feed or HVLP - Gravity Feed gun with 1.2 - 1.8mm tip sizes

Question: Is it recommended to shake ECO1688 before pouring?

Answer: Good habit but , only required if using a matte or satin finish of ECO1688

Question: Can ECO1688 be applied by rolling or brushing?

Answer: Yes, it can be rolled, brushed, or wiped on

Question: Does ECO1688 adhere to itself without sanding?

Answer: Yes, Recoating immediately after curing *does not* require abrasion (same spray session). Best practice after 20 minutes or exposure to any natural UV would be to scuff with 400-800 grit.

Question: Can ECO1688 be reduced to adjust viscosity?

Answer: Yes, up to 10% using 91-99% IPA. * End user to calculate VOC

Question: Does temperature change viscocity?

Answer: Yes, ideal material temperature is 70-90 degrees.

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Question: Can ECO1688 be left in the spraygun overnight?

Answer: Yes, provided it is in an opaque container

Question: Can ECO1688 be color sanded and polished? Can ECO1688 be wet sanded?

Answer: Yes, cure with UV light for 5 mins and let stand for 15 min with outdoor sunlight

Question: What is the reccommended procedure for polishing?

Answer: Sand with P1500 grit paper and refine straches with 3000 grit. Polish with a rotary polisher using a wool pad with a RMP of 2500-2800, refine with a finer pad or finish with an orbital polisher.

Question: How much time is needed for ECO1688 to be fully cured?

Answer: 2-4 minutes under UVA exposure or sunlight. Recommend you test curing with your lighting source per TDS.

Question: What surface cleaners are recommended for use with ECO1688?

Answer: All compliant cleaners can be used on fully cured ECO1688. For recoat preparation use 91-99% IPA.

Question: What is the recoat wait time if I have a repaint situation?

Answer: No recoat wait time, can be applied immediately on fully cured ECO1688.

Question: What the maximum film build when using ECO1688 as a surfacer?

Answer: 6 mils

Question: Does ECO1688 contain isocyanates?

Answer: No

Question: Does ECO1688 contain any toxic raw materials restricted by California Prop 65

Answer: No

Question: Can ECO1688 be used to do an open blend application?

Answer: Yes , IPA or a solvent blender can be used as a burn-in-solvent.

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Question: What is the prep process for blends?

Blend Panel Areas need to be sanded with 600 grit and a basecoat wet-bed must be applied in the blend area first.

Question: ECO1688 used as a primer surfacer do I need to UVA light cure between coats?

Answer: Yes, requires full cure with UVA light between all coats of ECO1688.

Question: Can ECO1688 be used on Headlight restoration

Answer: Yes

Question: Can ECO1688 be tinted with a color system

Answer: Yes, urethane, solvent based tint systems up to 2% by weight, no water based tint systems.

Question: Can ECO1688 recommended over Carbon Fiber

Answer: Yes

Question: What is difference between UVA technology and UVB and UVC

Answer: UVA light is in the near visible safest range. UVB and UVC require high energy curing systems that are harmful for human contact and are expensive to maintain and not designed for field applied uses.

Question: What is the recommendation for UVA light source distance? Should light be stationary for 2-4 minutes or waved constantly over the applied product.

Answer: Uniformly exposing UVA light over applied ECO1688 is recommended for best overall curing. Stationary UVA light exposure for 2-4 minutes is a best practice. Hidden undersurfaces and shadowed areas need to be exposed to UVA for the recommended cure time and a handheld UVA light is commonly used for this purpose. UVA light should be held 3-4 feet away from panel?

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Question: Can sunlight be used to cure ECO1688?

Answer: Direct or indirect sunlight may be use to cure ECO1688 after application. WARNING: material will start curing immediately when applied in direct or indirect sunlight. ECO1688 will cure within 2-4 mins.

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