EVERCOAT®

METAL GLAZE® OPTEX™

COLOR-CHANGING TECHNOLOGY™

METAL GLAZE® OPTEX™ premium putty with color change technology helps take the guesswork out of the application process. For use as a finishing coat over body filler, large panels, or small spot filling, Metal Glaze OPTEX putty changes color from purple to light green, letting the body shop technician know the repair is properly catalyzed and ready to sand. Properly catalyzed putty means a better repair with less rework, saving body shops time and money.

GREEN MEANS GO!™

- Changes colors as it dries indicating the repair is ready to sand
- Spreads easy and virtually eliminates micro-pinholes
- Excellent adhesion to steel, stainless steel, galvanized steel, aluminum, SMC, fiberglass, and silicon bronze welds
- Can be applied directly to sanded OEM clearcoat
- Standard 2% mixing ratio using Evercoat cream hardener – *Do not under-catalyze*
- Meets 500 hour corrosion resistance (ASTM B117)
- Contains patented ECORESIN™ technology for industry-leading sanding properties

Available in:
16oz. Pouch (#100453)
30oz. Pumptainer (#100454)

GREEN MEANS GO

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METAL GLAZE® OPTEX™ REPAIR PROCESS

1: CLEAN *LIMPIAR*

Clean and degrease the body panel to be repaired.
Limpiar y desengrasar el panel de carrocería a reparar.

2: STRAIGHTEN PANEL *ENDEREZAR EL PANEL*

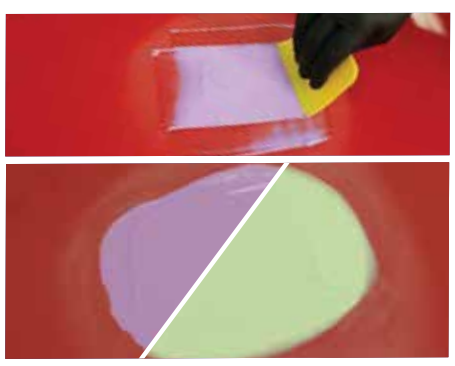
Straighten the panel to be repaired as needed.
Enderezar el panel a reparar, según sea necesario.

3: PAINT REMOVAL *ELIMINACIÓN DE LA PINTURA*

Remove paint, only where fractured, with 180 grit in the area to be filled.
Eliminar la pintura, sólo donde esté fracturada, con abrasivo de grano 180 en la parte a rellenar.

4: PREPARATION *PREPARACIÓN*

Sand and featheredge the area, then remove sanding dust with clean compressed air. If paint is not damaged or cracked, prepare surface by lightly sanding with 180 grit or finer.
Lijar y biselar la superficie, luego eliminar el polvo de lijado con aire comprimido limpio. Si la pintura no está dañada o agrietada, preparar la superficie lijando ligeramente con abrasivo de grano 180 o más fino.



5: APPLY METAL GLAZE® OPTEX™ *APLICAR LA MASILLA METAL GLAZE® OPTEX™*

CATALYZED **14-18 MINUTES**

Apply Metal Glaze Optex with firm, even pressure. The repair will gradually turn from purple to a light shade of green between 14 and 18 minutes, indicating the repair is dry and ready to sand.
Aplicar la masilla Metal Glaze Optex con una presión firme. La reparación se volverá gradualmente de morado a una sombra clara de verde entre 14 y 18 minutos, indicando que la reparación esta seca y lista para lijar.

6: SAND & FEATHEREDGE *LIJAR Y BISELAR*

Sand Metal Glaze Optex with 180 grit and featheredge.
Lijar la masilla Metal Glaze Optex con abrasivo de grano 180 y biselar.

7: REMOVE DUST & INSPECT *ELIMINAR EL POLVO E INSPECCIONAR*

Remove the sanding dust with clean compressed air and inspect area for coarse sand scratches, pinholes, or imperfections.
Eliminar el polvo de lijado con aire comprimido limpio e inspeccionar la superficie para rasguños de lijado gruesos, picaduras o imperfecciones.

8: APPLY 440 EXPRESS™ *APLICAR 440 EXPRESS™*

Use sponge to apply 440 Express over entire repair surface.
Usar una esponja para aplicar 440 Express sobre toda la superficie de reparación.

COMPLETE THE METAL GLAZE OPTEX REPAIR PROCESS WITH 440 EXPRESS:

- One step primer pretreatment - no sanding required
- Reduces primer usage by up to one third
- Reduces rework by eliminating micro-pinholes

- #100440 440 Express™ 16oz. Bottle
- #100444 440 Express™ Kit with 4oz. Bottle and Applicators
- #100439 440 Express™ Applicators

METAL GLAZE® OPTEX™
Technical Data Sheet

100453: 16oz. Pouch
100454: 30oz. Pumptainer

Approved Substrates

Sanded Body Filler, Steel, Aluminum, Fiberglass, E-Coat, Silicon Bronze Welds, Sanded OEM, Paint, Galvanized Steel, SMC, Stainless Steel, Cured sanded 2K primer, Rigid to Semi-Rigid Thermoset Plastics.

NOTE: For flexible plastics, use POLY-FLEX™ Flexible Glazing Putty.

Preparation

- Clean and degrease the entire panel to be repaired with soap and water, followed by a mild cleaning solvent. Thoroughly dry the surface before repairing.
- Use 80-180 grit to remove or scuff the paint and featheredge.

Mixing

- Place the desired amount of material on a clean, non-fibrous surface. Knead the cream hardener before use.
- Measure hardener 2% by weight by adding a ribbon of cream hardener from edge to edge across the center of a 4" (10 cm) diameter puddle. Puddles larger than 4" in diameter will require additional hardener.
- Mix thoroughly until uniform color is achieved.
- Approximate setting time is 2.5 - 4.5 minutes @ 72°F (22°C).

Application

- Spread a thin layer of mixed material over surface using firm pressure.
- The repair will gradually change colors from purple to a light shade of green between 14 and 18 minutes, indicating the repair is dry and ready to sand.
- Apply additional layers to build material slightly higher than the surface to allow for sanding to desired contour.

NOTE: Do not apply over new or uncured coatings. Avoid thick heavy applications.

CATALYZED — 14-18 MINUTES

Finishing

- Sand to contour with 180 grit sandpaper.
- Final sand with 180 grit followed by 220-320 grit if desired.

Technical

Appearance	Lavender thixotropic liquid
VOC	Refer to Section 9 of Safety Data Sheet
Relative Density	Refer to Section 9 of Safety Data Sheet
Sand Time	14-18 mins.
Max Recommended Thickness (sanded)	1/8 inch (3mm)

NOTE: Properties are typical values and should not be considered as sales specifications. Physical testing performed @ ~72°F (22°C) / 75% RH unless otherwise noted.

Safety

Read all directions and warnings prior to using Evercoat® products. Safety Data Sheets can be found online at evercoat.com. Never return mixed filler to container.

NOTE: Keep can closed and store in a cool dry place.

USE WITH EVERCOAT CREAM HARDENER ONLY!

**Evercoat® Cream Hardener can be identified by locating the flame symbol, exclamation symbol, and the environmental hazard symbol on the tube with the address: Rocket Plastics, 6875 Parkland BLVD, Solon, OH 44139.*

METALWORKS WARRANTY

Metal Glaze Optex Putty is part of the MetalWorks® System, a family of premium body fillers and finishing putties backed by the industry's original corrosion warranty. All MetalWorks products have been formulated for better adhesion on all substrates eliminating featheredge peel back and allowing for a smoother finish. MetalWorks repairs are tack free, which helps eliminate sandpaper clogging and extends the life of sandpaper. See warranty for specific details and exclusions.

EVERCOAT®

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