

EVERCOAT®

Rage® OPTEX™ COLOR-CHANGING TECHNOLOGY™

Rage® OPTEX™ premium body filler with color change technology helps take the guesswork out of the application process. Rage OPTEX body filler changes color from pink to light green, letting the body shop technician know the repair is properly catalyzed and ready to sand. Properly catalyzed body filler 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:
1 Gallon (#100135)
3 Gallon pail (#100137)



evercoat.com





EVERCOAT®



Watch the Video!

RAGE® OPTEX™ 440 EXPRESS™ REPAIR PROCESS

The following process is true for large and small repairs unless otherwise specified.



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 80 grit in the area to be filled.
Eliminar la pintura, sólo donde esté fracturada, con abrasivo de grano 80 en la parte a rellenar.

• Sand and featheredge using 180 grit for small repairs. • Lija con grano 180 para reparaciones pequeños.



4: PREPARATION PREPARACIÓN

Sand and featheredge the area with 180, then remove sanding dust with clean compressed air.
Lijar y biselar la superficie con 180, luego eliminar el polvo de lijado con aire comprimido limpio.

• Skip to step 5 for small repairs. • Brinca al paso 5 para reparaciones pequeños.



5: APPLY RAGE® OPTEX™ APLICAR LA MASILLA RAGE® OPTEX™

CATALYZED

16-20 MINUTES

Apply Rage Optex with even, firm pressure in a thin coat, apply additional material as needed. Extend Rage Optex into the clearcoat featheredge area. The repair will gradually turn from pink to a light shade of green between 16 and 20 minutes, indicating the repair is dry and ready to sand.

Aplicar la masilla Rage Optex con una presión firme y uniforme en una fina capa, aplicar material adicional según sea necesario. Extender la masilla Rage Optex en la superficie biselada con revestimiento transparente. La reparación se volverá gradualmente de rosa a una sombra clara de verde entre 16 y 20 minutos, indicando que la reparación esta seca y lista para lijar.



6: SAND & FEATHEREDGE LIJAR Y BISELAR

Sand the filler to shape with 80 grit, then final sand and featheredge with 180 grit.

Lijar la masilla para dar forma con abrasivo de grano 80, luego aplicar el lijado y biselado final con abrasivo de grano 180.

• Sand and featheredge using 180 grit for small repairs. • Lija con grano 180 para reparaciones pequeños.



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 RAGE OPTEX EXPRESS 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



<p>Approved Substrates</p> 	<p>Approved substrates include: Steel, Stainless Steel, SMC, Fiberglass, Galvanized Steel, Aluminum, Sanded OEM Paint, Silicon Bronze Welds.</p> <p>NOTE: For structural repairs prone to high degrees of stress and flexibility, use a fiber reinforced filler such as Everglass®, Kitty Hair® or Fiber Tech®.</p>										
<p>Preparation</p> 	<ul style="list-style-type: none"> • 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. • Keep the repair area small. Use 80-180 grit to remove the paint and featheredge with 180. NOTE: Smaller repairs on OEM Paint can be prepared with 180 grit. 										
<p>Mixing</p> 	<ul style="list-style-type: none"> • Stir the filler before using. Knead the cream hardener. • Measure hardener 2% by weight (add a ribbon of cream hardener from edge to edge across the center of a 4" diameter puddle). • Puddles larger than 4" (10 cm) in diameter will require additional hardener. Mix thoroughly until uniform color is achieved. <p>NOTE: ONLY USE EVERCOAT® CREAM HARDENER!*</p>										
<p>Application</p> 	<ul style="list-style-type: none"> • Apply in layers with even firm pressure. • Do not apply all at once. • The repair will gradually change colors from pink to a light shade of green between 16 and 20 minutes, indicating the repair is dry and ready to sand. <p>CATALYZED 16-20 MINUTES</p>										
<p>Finishing</p> 	<ul style="list-style-type: none"> • Sand body filler with 80-180 grit sandpaper. • If necessary, re-apply to fill any pinholes or low spots, allow filler to dry and then sand with 180 grit sandpaper. • Finish sand body filler with 180 grit. <p>NOTE: Allow minimum of 20 minutes sanding time over silicon bronze welds. NOTE: To optimize primer performance apply 440 Express™ before applying primer surfacer.</p>										
<p>Technical</p>	<table border="0"> <tr> <td>Appearance</td> <td>Pink Paste</td> </tr> <tr> <td>VOC</td> <td>Refer to Section 9 of Safety Data Sheet</td> </tr> <tr> <td>Relative Density</td> <td>Refer to Section 9 of Safety Data Sheet</td> </tr> <tr> <td>Sand Time</td> <td>16-20 mins.</td> </tr> <tr> <td>Max Recommended Thickness (sanded)</td> <td>1/4 inch (6mm)</td> </tr> </table> <p>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.</p>	Appearance	Pink Paste	VOC	Refer to Section 9 of Safety Data Sheet	Relative Density	Refer to Section 9 of Safety Data Sheet	Sand Time	16-20 mins.	Max Recommended Thickness (sanded)	1/4 inch (6mm)
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<p>Safety</p>	<p>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 can.</p> <p>NOTE: Keep can closed and store in a cool dry place. USE WITH EVERCOAT CREAM HARDENER ONLY!</p>										



*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.



Rage OPTEX 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.