

870 High Solids Adhesion Promoter/Sealer for Plastics used over flexible parts for Low VOC System



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| Products | 870 High Solids Adhesion Promoter for Plastics 851 Prep and Wash 902 Plastic Prep Cleaner 910 Universal Prep Cleaner AM902 Aero-Max Plastic Prep and Cleaner DH99 Low VOC Fast Hardener DH100 Low VOC Hardener DH105 Low VOC Hardener - High Temp UR Series Reducers VR0 Ultra Low VOC Reducer | |
| Cleaning | See Flexible Parts section "Cleaning & Preparing Vehicle Surface for Undercoating". | |
| Pretreatments | N/A | |
| Mixing Ratio | 4:1:1 4 parts 870 1 part DH99, DH100 or DH105 1 part UR Reducer or VR0 Up to 50% additional reducer may be added as necessary for specific applications. (8:2:3 mix ratio) | |
| Application | Adhesion Promoter <i>surface with imperfections</i> <i>(higher film build)</i> 1 light coat + 1 medium wet coat | Adhesion Promoter 1 medium wet coat |
| Drying | 20°C/68°F 30 minutes 60°C/140°F 30 minutes | When used on surfaces with imperfections (higher film build) it must be baked. For standard application let flash for 30 minutes. |
| Sanding/Polishing | N/A | |
| Notes | | |



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used over flexible parts for Low VOC System Technical Data

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Characteristics

R-M 870 High Solids Adhesion Promoter for Plastics is an adhesion promoter and sealer for all paintable plastics on cars. 870 eliminates two steps in the process of repairing automotive plastic parts since a basecoat can be directly applied over it.

Technical Data

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| Viscosity | 22-28 sec. #4 Ford cup |
| Fluid Tip (HE Gravity) | 1.6-1.8 mm |
| Fluid Tip (HVLV gravity) | 1.3-1.5 mm |
| Air Pressure (HVLV/HE) | 8-10 psi at air cap |
| Number of Coats | 1 to 1.5 coats |
| Thickness | 0.75-1.0 mils (1 coat) 1.0-1.5 mils (1/2 + 1 coat) |
| Pot Life | 7 hours |
| Coverage | 645 sq ft/gal @ 1.5 mil |
| VOC as Applied | 540 gms/ltr (4.5 lbs/gal) |

Things to DO:

- Do use the appropriate NIOSH/MSHA respirator. Consult product label for details.
- Apply 1 to 2 light coats of 870 to the entire flexible part.
- Initially clean flexible parts with 851 or warm soap and water.
- Clean all flexible parts using 902 Plastic Prep Cleaner, 910 Universal Prep Cleaner or AM902 Aero-Max Plastic Prep and Cleaner. Check local regulations.
- Do bake for 30 minutes at 140°F/60°C when using 870 on surfaces with imperfections (higher film build).

Things NOT to DO:

- Do not use directly over bare Polypropylene (PP) and Polyethylene (PE), or other non-paintable plastics.
- Do not use any sealer over 870.