Matthews Paint Brush & Roll Process for Field Repair

Recommended Brushes and Rollers

Rollers:

- Should be urethane-compatible foam, velour, woven polyester, mohair, or lambs wool.
- Other rollers may swell or dissolve.
- Examples:
  - 4” Whizz rollers: #34011 (yellow), #54011 (white w/ yellow/black stripe), #54060 (black), or #74011 (white w/ blue stripe)
  - 4-1/2” Wooster rollers: #RR304 (white), #RR310 (green), or #RR311 (red)

Brushes:

- Use a china bristle or fine bristle nylon/polyester brush.

Cleaning and Preparation

Cleaning:

1. Apply a generous amount of cleaner on the surface with a clean cloth or a hand held spray bottle and wipe the surface.
2. The initial application will float contaminants to the surface, and the second wipe using a separate clean dry cloth, will remove contaminants.
3. Wipe the surface dry while it is still wet, using a clean white cloth in one direction. This will eliminate the smearing of contaminants. Be sure to change rags frequently.
4. Never let the cleaner dry on the surface.
5. For best results, clean surface before and after sanding.

Sanding:

1. Abrade as necessary with 180-320 grit, finishing sanding with the finest grit possible.
2. Be sure to featheredge the original finish surrounding the repair area.

Priming Bare Metal or Repaired Areas

Primer Product Selection

Select an MPC Primer that will provide the fill characteristics, dry times and VOC level desired and meet all state and local regulations. Always refer to MPC Technical Data Sheets for all performance data and VOC.

Notes:

- Avoid overloading the roller or brush.
- Apply coats as evenly as possible. Heavy coats will increase flash times and dry times.
- Even coats will provide better coverage and uniformity than heavy coats.
- Use appropriate reducer for product being used. Refer to the Matthews Product Data Sheet for mix recommendations for optimal performance.
- Maintain 50% overlap to avoid lap marks.

Primer Rolling Process (spot repair):

1. Roll 1st Coat:
   a. Start from the center of the repair and roll the primer over the entire repair area using a "flicking" or lifting technique to create a soft edge all around the repair area. This technique will ensure a thin, smooth edge and make sanding easier.
2. Allow the 1st coat to flash off until it is dry to touch.
3. Roll 2nd Coat:
   a. Using the same application technique apply the 2nd coat just beyond the 1st coat to ensure a soft edge.

Primer Rolling Process (full panel):

1. Roll 1st coat edge to edge.
2. Allow to flash until surface is dry to touch.
3. Roll 2nd coat edge to edge.
4. Allow to flash until surface is dry to touch.

IMPORTANT: If primer is left to dry longer than 24 hours, surface must be lightly sanded with 320 grit or red scuff pad before applying topcoat.

Topcoat Rolling Process (solid colors only):

1. Mix topcoat being used according to recommendations on TDS
2. Roll 1st coat.
3. Allow to flash until surface is dry to touch.
4. Roll 2nd coat.
5. Refer to product TDS for dry time recommendations.