

SM10 Low VOC Matte Additive

Universal Matting Agent



Products	SM10 Low VOC Matte Additive DC21NB Low VOC Energy Saving Speed Clear DC98 2.0 VOC Clearcoat DC5800 2.0 CTR Clear												
Cleaning	See Topcoat section - "Cleaning & Preparing Vehicle for Topcoating".												
Pretreatments	See Undercoat Section.												
Mixing Ratio	To matte, add SM10 by volume as follows: <u>Low Gloss R-M Clearcoat</u> <table><tr><td>Satin Gloss</td><td>Matte Gloss</td></tr><tr><td><i>Step 1:</i></td><td><i>Step 1:</i></td></tr><tr><td>70 parts R-M clear</td><td>50 parts R-M clear</td></tr><tr><td>30 parts SM10</td><td>50 parts SM10</td></tr><tr><td><i>Step 2:</i></td><td><i>Step 2:</i></td></tr><tr><td>Mix the SM10/clear mixture as indicated on the clearcoat's technical data sheet</td><td>Mix the SM10/clear mixture as indicated on the clearcoat's technical data sheet</td></tr></table>	Satin Gloss	Matte Gloss	<i>Step 1:</i>	<i>Step 1:</i>	70 parts R-M clear	50 parts R-M clear	30 parts SM10	50 parts SM10	<i>Step 2:</i>	<i>Step 2:</i>	Mix the SM10/clear mixture as indicated on the clearcoat's technical data sheet	Mix the SM10/clear mixture as indicated on the clearcoat's technical data sheet
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Application	SM10 may be added up to a 100% to RFU Material. Additional reduction is optional. 2 to 3 coats (usually requires 1 more coat than the full gloss material) 5 to 10 minutes flash between coats Bake immediately after last coat if force drying.												
Drying	See selected product's technical data sheet.												
Sanding/ Polishing	Do not sand or polish.												
Notes	Stir product well before using. When using SM10 in R-M clearcoats, use the appropriate hardener as indicated on the product's technical data sheet. Gloss level is dependent on spray technique. Spray lighter/drier coats to maintain low gloss levels. The addition of SM10 slightly reduces the pot life of the clearcoat.												

SM10 Low VOC Matte Additive

Technical Data

AP

Characteristics

SM10 Low VOC Matte Additive is a matting agent which allows one to reduce the gloss level of R-M clears. SM10 is easy to use, allows different degrees of gloss (from total matte to semi-gloss) and is pourable. This is a Low VOC additive and will not increase the VOC of 250 gms/ltr RFU material.

Technical Data

Viscosity
Fluid Tip (HE Gravity)
Fluid Tip (HVLP Gravity)
Air Pressure (HVLP/HE)
Number of Coats
Thickness
Pot Life
Coverage
VOC as Applied

See Technical Information on specific product.

Things to DO:

- Do use the appropriate NIOSH/MSHA respirator. Consult product label for details.
- Do use 809 Fisheye Eliminator if necessary, add up to 1/2 ounce per quart of RFU clear.
- Do measure the hardener - DO NOT ESTIMATE.
- Do use JET95 up to 1% as necessary where approved for the specific clear being applied (refer to clearcoat technical data sheet).
- Do use rapid hardener in cool weather to reduce dry times.

Things NOT to DO:

- Do not attempt to recoat until the final coat has dried a minimum of 24 hours.
- Do not use if the shop temperature is below 15°C/60°F.
- Do not attempt to polish the clear mixture with SM10. Polishing will result in a glossy finish.