SM10 Low VOC Matte Additive

Universal Matting Agent

Products	SM10 Low VOC Matte Additive DC21NB Low VOC Energy Saving Speed C DC98 2.0 VOC Clearcoat DC5800 2.0 CTR Clear	lear
Cleaning	See Topcoat section - "Cleaning & Preparing Vehicle for Topcoating".	
Pretreatments	See Undercoat Section.	
Mixing Ratio	To matte, add SM10 by volume as follows: Low Gloss R-M Clearcoat	
	Satin GlossStep 1:70 parts70 partsSM10Step 2:Mix the SM10/clear mixture as indicatedon the clearcoat's technical data sheet	Matte Gloss Step 1: 50 parts R-M clear 50 parts SM10 Step 2: Mix the SM10/clear mixture as indicated on the clearcoat's technical data sheet
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.	

Automotive

Finishes

See Technical

Information on

specific product.



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

Fluid Tip (HE Gravity)

Fluid Tip (HVLP Gravity)

Air Pressure (HVLP/HE)

Number of Coats

Thickness

Viscositv

Pot Life

Coverage

VOC as Applied

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.

Materials described are for application by professional trained personnel only using proper equipment. Products may be hazardous and should be used according to label directions and technical data information. Appropriate respiratory protection should be worn at all times while products are in use - read product label and Material Safety Data Sheet (MSDS) for specific details. Statements and methods described are based upon the latest standard of technology known to the manufacturer. Application procedures cited are suggestions only and are not to be interpreted as warrantly for events resulting from their use. Dilution ratios are intended to provide maximum performance within the byncial Voltabile Organic Compound (VOC) restriction for product use. Specific VOC limits need to be referenced to verify local compliance. Altering the solvent or dilution ratio may impact VOC compliance. User is solely responsible to ensure product use and application is in accordance with all applicable regulatory, legislative, and municipal requirements.