



Low VOC Quick Dry Mactek

R.J. McGlennon Co. Inc.
198 Utah Street
San Francisco, CA

Product Data Sheet

Phone (415) 552-0311
Fax (415) 552-8055

44 SERIES FK-801 WROUGHT IRON BLACK LOW VOC QUICK DRY ENAMEL

Description 44 Series Low VOC Mactek enamels are fast drying modified alkyd enamels for use on metal surfaces. These compliance enamels are characterized by quick dry and high gloss. This enamel is suited for machinery and equipment.

Specifications

Weight per Gallon:	7.93	Coating VOC:	340 G/L	2.83 Lb/Gal
Solids by Weight:	39.84	Material VOC:	165 G/L	1.38 Lb/Gal
Solids by Volume:	29.32	VOC Weight Ratio =	0.43 Lb VOC/Lb Solid	
Coverage @ 1 mil:	470 Sq Ft./Gal	Gloss =	20 - 30 @ 60 Deg.	
Viscosity as supplied:	30 - 35 Sec. Zahn 2			



Surface Preparation

Surfaces must be commercially clean and free of dirt, grease and water. For maximum performance and corrosion resistance, metal surfaces should be primed with Mactek 42 Series compliance primer - such as U-187.

No Maclac paint product has ever contained any lead. But if you are preparing previously painted surfaces with unknown paints please observe the following precautions. Warning! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NOISH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.



Mixing & Thinning

Product as supplied is ready to spray. If any thinning is required, then we recommend thinning with Acetone, as this will not change the VOC content. Additional thinning with a non-exempt thinner will raise the VOC content. Thoroughly mix the material by stirring or shaking prior to application.



Application & Dry

Mactek 44 Series enamels may be applied by conventional, HVLP, airless or air-assist airless spray. This enamel will dry to touch in less than 30 minutes, and to handle in about 1 hour (when applied to approximately 1 mil dry film thickness under standard conditions). After the first coat - additional coats are best applied when the previous coat is just out of tack and before full dry. Note, application of subsequent coats over heavy previous coats (that have surface dried only) may result in self lifting or wrinkling. If there is any doubt about self-lifting, always test a small area first. Optimum dry film thickness is 1.5 - 2 mils.



Performance & Durability



Environmental & Safe Handling

Mactek 44 Series compliance enamels are corrosion resisting and stable under outdoor exposures. They will resist mild acids and mild solvents.

Coating VOC content as supplied is 340 G/L (2.83 Lb/Gal). Check local air quality district regulations prior to using this product. Warning: flammable mixture. Do not use near heat, sparks, flames, or any ignition sources. Do not cut empty containers. Use only with adequate ventilation. Dispose of any product only in accordance with all applicable regulations. See product material safety data sheet for FK-801 for full details.

LIMITED WARRANTY

The information contained herein is offered to assist customers in determining whether our products are suitable for their applications. We request that customers examine our products before use and satisfy themselves as to their suitability. We warrant that our products will meet our written specifications. Since application circumstances, substrate condition and product intermix are beyond our control, we cannot guarantee results under all possible situations. R.J. McGlennon Co. Inc. makes no representation as to the results the user will achieve.

Technical advice furnished by seller or any seller's agents shall not constitute a warranty. Any liability arising out of any condition resulting from the use of any R.J. McGlennon Co. Inc. product shall be limited to replacement of such product.