



Pro-Plate
Interior/Exterior Alkyd Gloss
Rust Preventive Enamel
387-xx Series
 Rev. 11/09

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Type	Sheen	Theoretical Spread Rate	Recommended Application	Thinner	Clean Up
Alkyd	Gloss	350 to 450 Sq. Ft. Per Gallon*	Brush, Roller or Airless Spray	Mineral Spirits	Mineral Spirits
Dry Time:		Tack Free: 4 - 8 Hours	Recoat: 12-16 Hours	Full Cure: 4-6 days	

PRODUCT NAME: 387-xx Series Interior/Exterior Alkyd Gloss Rust Preventive Enamel	Pro-Plate 387-xx Series Enamel is an outstanding, durable, scuff resistant, reinforced polyurethane enamel that provides protection on new and previously painted metal. It withstands all kinds of weather and resists dirt, scuffing and marring.	
WHERE TO USE:	Primed Metal & Iron	This product is not for use on aluminum or wood siding. This product is intended for use as an interior and exterior coating and can be used on a wide variety of metal surfaces. This product also meets the more stringent Industrial Maintenance Coating VOC level of 340 gm/L. When used in industrial or professional applications, this product may be used on most surfaces including wood, masonry, drywall, etc.
SURFACE PREPARATION:	If mildew is present, clean with a solution of three parts water to one part bleach and a medium/soft brush. Rinse well with clean water and allow to completely dry prior to coating application. In all instances, surfaces must be clean, dry & free of all surface contaminants including chalk and peeling or flaking paint. Remove peeling/flaking paint by sanding, wire brushing, scraping or water blasting. Dull glossy surfaces by sanding. New surfaces should be primed. All rust, oxidation and corrosion deposits must be removed from metal substrates. METAL SURFACES: Prime bare metal with Silathane Metal Primer. PREVIOUSLY PAINTED SURFACES in good condition: Clean as indicated above and prime bare spots with appropriate primer.	
APPLICATION:	May be applied directly as supplied from the container. Stir thoroughly before using. Apply a full generous coat making certain to spread evenly for a uniform film thickness. For added protection and optimum results, a second coat is recommended. Lightly sand between coats. If using the spray application method, an atomization pressure of 1750-1950 psi is suggested along with a tip size of .013"-.019". This product is formulated to be applied without thinning. Do not thin if this would result in the product exceeding any VOC regulations in effect where it is being applied. However, if thinning is necessary, do so sparingly with mineral spirits and do not exceed ½ pint per gallon of product. Avoid painting when air, product or surface temperature is below 40°F. Do not paint if surface temperature is within 5° F of the dew point.	
*NOTE ON SPREAD RATE:	Actual spread rate will vary based upon numerous factors, including texture of the substrate, application method, waste, surface porosity and thinning. The Theoretical Spread Rate listed on this document has not taken into account these factors and is only based upon the volume solids of this product and the recommended wet film thickness when applied to a smooth substrate.	

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RESIN TYPE:	Soya Alkyd Resin	
TINTABILITY:	Pro-Plate is available in available in 9 factory mixed colors. Custom colors are available in minimum batch quantities.	
SOLIDS:	Weight: 62.9% ± 2.0%	Volume: 48.0 ± 2.0%
WEIGHT PER GALLON:	9.7 lbs.	(Varies by color)
VISCOSITY:	85 - 90 KU (Krebs Units) (Varies by color)	
SAG RATING:	7 mils Minimum	
FLASH POINT:	104°F. (TT-P-141, Method 4293)	
SPECULAR GLOSS:	80+ units @ 60°	
REC. FILM THICKNESS:	Wet:	3.6 to 4.6 Mils
	Dry:	1.7 to 2.2 Mils
PRECAUTIONS:	<p style="text-align: center;">DANGER!</p> <p style="text-align: center;">COMBUSTIBLE LIQUID AND VAPOR. HARMFUL OR FATAL IF SWALLOWED.</p> <p>Contains: Mineral Spirits, Ethyl Benzene & Lt. Aromatic Solvent, Naphtha. Causes eye, nose, throat and skin irritation.</p> <p>NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvent with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Keep away from heat and flame. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.</p> <p>Use only with adequate ventilation. Do not breathe dust, vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.</p> <p>First Aid: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. Get medical attention immediately.</p> <p>If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.</p> <p>DANGER – Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed, water-filled metal container.</p> <p>WARNING: This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.</p> <p style="text-align: center;">Obtain and read the MSDS prior to using this product.</p> <p style="text-align: center;">KEEP OUT OF REACH OF CHILDREN</p> <p style="text-align: center;">KEEP FROM FREEZING</p>	
VOC/VOS STATEMENT:	This product contains a maximum of 340 grams VOC/VOS per liter of coating (2.8 lbs. per gallon).	
OTC CATEGORY:	This product is compliant under the Ozone Transport Commission regulations as an Industrial Maintenance Coating.	
IMPORTANT:	Clean all equipment used in the application process of this product immediately after use with mineral spirits.	