



**LOW VOC
UNIVERSAL
PRIMERS**

1220 - 147 Red
1220 - 211 Gray
1220 - 111 White

TAB 18 C IMA – 402

Type	Sheen	Spread Rate	Recommended Application	Thinner	Clean Up	DRY TIME		
						Tack Free	Re-coat	Cure
Modified Alkyd	Flat	Up to 500 Sq. Ft. Per Gallon	Spray	*	Xylene	15 Minutes	1 - 2 Hours	7 Days
PRODUCT NAME 1220-147 Red 1220-211 Gray 1220-111 White Low VOC Universal Primers		A versatile, heavy duty, rust inhibiting primer for application to a wide variety of substrates . It can be used as a tie coat over existing paint in sound condition and will accept topcoats of alkyd, alkyd urethane, urethane, and epoxy. Universal Primer is recommended for use as part of industrial maintenance coatings systems designed to resist moisture condensation, chemicals, extreme abrasion, corrosive elements and the assault of heavy duty cleansers. Not recommended for immersion surfaces.						
WHERE TO USE:		Ferrous Metal Universal Primer may be used to coat interior or exterior steel Galvanized surfaces, such as containers, tanks, structural members, Non-Ferrous Metal equipment, etc.						
Surface Preparation:		The ferrous metal surface to be coated must be dry, clean and free of dirt, grease, oil, rust, mill scale, or any other surface contamination that could effect positive adhesion. Dirt, grease, and oil should be cleaned by using Sur-Prep I Oil and Grease Emulsifier. Rust and mill scale must be removed by aggregate blasting (SSPC-SP-10) or by conscientious power tool cleaning (SSPC-SP-3). Cleaned steel surfaces that cannot be primed within 4-6 hours should be treated with Sur-Prep III Metal Treatment. New galvanized metal should be prepared by solvent cleaning (SSPC-SP-1). If the galvanized coating has worn and any rust is present, these areas should be treated as indicated for ferrous metal. Other non-ferrous metals should be cleaned of any dirt, oil, grease or other contamination using Sur-Prep I Oil and Grease Emulsifier, then treated with 316-200 Vinyl Wash Primer. When using fast dry primers, adequate surface preparation is very important. Surface preparation short cuts will tend to shorten coating performance.						
Application:		Stir thoroughly, making sure no pigment remains on the bottom of the can, and the entire contents are fluid and free of lumps. Universal Primer is spray applied at up to 500 sq ft per gallon to achieve 1.5 – 2.0 dry mils. Surface texture and application method will effect actual yield. Small areas and touch-ups may be applied by brush. May be thinned up to 10% with Xylene for spray application. Caution should be taken when coating metal surfaces to avoid condensed moisture caused by temperatures at or below dew point. Apply when air and surface temperatures are between 45°F and 90°F.						
Heat Resistance: Dry Wet		250° Fahrenheit						
*Thinning:		Thinning not recommended.						
NOTE: Formulated without mercury or lead.								

Resin Type:	Phenolic ModifiedAlkyd
Solids:	Weight – 66.2% Volume – 46.8%
Weight Per Gallon:	11.15 lbs
Viscosity:	60 – 65 Krebs Units
Flash Point:	46°F (Seta)
Sag Rating:	Pass 6 mils (Lenetta)
Recommended Film Thickness:	Wet – 3 to 4 mils Dry – 1.5 to 2 mils
Light Reflectance:	N / A
Cautions:	<p style="text-align: center;">WARNING ! FLAMMABLE ! CONTAINS Petroleum Distillates</p> <p>Keep away from heat & flame. Vapor harmful. Causes eye irritation. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH – Rule 42 CFA 84) or leave the area. Close container after each use. Avoid contact with skin.</p> <p>FIRST AID: If swallowed, do not induce vomiting. Call physician immediately.</p> <p style="text-align: center;">Use with adequate ventilation.</p> <p>NOTICE: Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain & nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.</p> <p style="text-align: center;">Obtain and read the material safety data sheet before using. KEEP OUT OF REACH OF CHILDREN. INTENDED FOR PROFESSIONAL USE ONLY.</p>
VOC – VOS Statement:	This product contains a maximum of 450 grams of VOC/VOS per liter of coating. (3.8 lbs. per gallon)
Chemical Abstract Number:	