



Revision Date: 11-12-2008

COIL • KOTE


Product Code: 220-D-215B LWD



GRAY COIL-KOTE DECK PRIMER

“Underwriters Laboratories (UL) Recognized Component”

Description: 220-D-215B LWD has been full scale burn test evaluated by UL and has demonstrated successful results from fire resistance testing in accordance with UL 263 Standard for up to three (3) hours fire rating. This coating is VOC compliant and Hazardous Air Pollutant (HAPs) free (0.00 lbs/solid gallon) and contains chrome based anti-corrosive pigments. This waterbased product is non-flammable and is specifically designed for use on coil coating lines using cleaned, pretreated and preheated coils, infra-red heat curing, and cold water quenching process capabilities.

Recommended Uses: 220-D-215B LWD is a waterbased acrylic coil coating primer which provides corrosion protection to coil steel and subsequently formed structural steel decking. This product is specifically designed for use on all steel roof deck and floor deck units which have the Underwriters Laboratories “UL Classified” designation. The **UL Recognized Component**,  designation means that this product can be used on any and all existing or newly approved metal deck designs without the need for additional UL burn testing.

Technical Data:

Coating Type:	Waterbased Acrylic Resins and contains Chromate products		
Viscosity:	26-32” #2 Sig. Zahn Cup	Gloss:	8-15 Gloss Units @ 60° angle
Solids by weight:	47.62 +/- 1%	Solids by volume:	38.51 +/- 1%
VOC (actual emissions):	0.69 lbs/gal (83.00 g/L)	VOC (minus water):	1.45 lbs/gal (174.05 g/L)
VOC (Kg/L Solids):	0.22 Kilograms /Solid Liter	HAP’s:	0.00 lbs per solid gallon
Flexibility:	Passes 3/16” Mandrel Bend	Salt Spray Resistance:	100+ hours ASTM-B-117
Coating Thickness:	0.3-0.5 MILS DFT. ASTM-D-1186	Density:	9.62 lbs/gal

Notes: This product is designed to deliver 0.30 to 0.50 mils dry film thickness. This product is a non-flammable, water-based coating designed for use under sprayed-on fireproofing. There are no special handling procedures or application line changes required. 220-D-215B LWD has excellent flow, leveling, and substrate wetting properties. This coating may be topcoated with itself, latex paint, or solvent based alkyd paint. As with all good painting practices, a small test patch is recommended before full scale painting begins. Consult with Century Industrial Coatings’ Technical Representatives for more information and recommendations. Viscosity may be reduced with water if desired. This is a waterbased product, protect from freezing. This product is available in 55-gallon drums, portable tote tanks, and bulk transport quantities.

This primer is intended to protect the steel deck for short periods of exposure during construction in ordinary atmospheric conditions; comparable with SSPC Environmental Zone 1, normally dry. This primer is designed for interior use exposure inside enclosed finished buildings. This primer has shown successful fire resistance test results in accordance with standard ANSI/UL 263 when used as a primer on steel deck with subsequent application of sprayed-on fireproofing.

Read and understand the Material Safety Data Sheet before using this product.

UL Recognized Component. 

Disclaimer: All information and statements contained in this Product Data Sheet are believed to be true and accurate and were obtained or generated from accurate and reliable sources. This information is intended as a guide to product use; since Century Industrial Coatings has no control over the transport, storage, handling use, or application of this product, it must disclaim responsibility for any unsatisfactory results. This product is intended for use by persons having appropriate, professional painting skills and painting experience.