



PRODUCT DATA

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LEAD FREE LOW V.O.C. HIGH SHEEN CURB / ZONE MARKING PAINT

PRODUCT CODE: 108 – 26X

PRODUCT DESCRIPTION: Simpson Coatings Lead Free, Water Base Curb/Zone Marking paints are new Low V.O.C., premium quality, modified acrylic, High Sheen Curb/Zone Marking Finishes that possess all the performance characteristics of a solvent base alkyd Curb/Zone Marking paint, but in a safe, water medium. Additionally, this Curb/Zone Marking Paint has excellent gloss retention for a brighter, durable coating that is resistant to dirt, fumes, chalking and coating deterioration.

INTENDED USE: Designed for industrial professional applications, these products are formulated to be flexible while maintaining tenacious adhesion to **Asphalt, Concrete, Bituminous Brick or Stone surfaces of Highways, Bridges, Tunnels, Streets, Side Walk Esplanades, Parking Garages, and Parking Lots.** It may be equally used as **Line Marking Paint for Exterior Game Courts i.e.: (Basketball, Tennis, Handball, Roller Hockey).** Lead Free Water Base Low V.O.C. Curb/Zone Marking Paint is available in six High Sheen Finish Colors, which are packaged in one and five gallon containers, each meeting the O.S.H.A. Safety Color Spectrum for marking Cautionary Zone needs.

**108 – 261
WHITE**

**108 – 262
YELLOW**

**108 – 263
RED**

**108 – 264
GREEN**

**108 – 265
BLACK**

**108 – 266
BLUE**

SURFACE PREPARATION

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 NIOSH-Approved Respirator to control **Lead Exposure**. Clean up carefully with a **HEPA Vacuum and 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.

ALL SURFACES: All surfaces must be clean, dry and free of dust, dirt, oil, grease, wax, chalk, efflorescence, alkalinity residue or any contaminants that would adversely affect the adhesion or performance of this coating. Remove all oils, dirt and other contaminants by cleaning with a non-V.O.C. compliant commercial cleaner/degreaser. Rinse thoroughly and allow surface to dry completely.

SURFACE PREPARATION continued

ALL MILDEWED SURFACES: Existing mildew should be removed by washing the affected areas with a 3:1 solution of water and chlorine bleach or reliable commercial mildewcide. Keep applying until all discoloration is removed. Rinse thoroughly and allow surface to dry before applying the primer coat.

NEW MASONRY, CONCRETE,
ASPHALT OR UNCOATED
MASONRY SURFACES: Prepare as directed above for All Surfaces.

NOTE: All new substrate should cure for a minimum of 30 days before coating. Very dense, non porous, or chemically treated concrete may require overall etching, abrasive blasting or sanding to achieve proper coating adhesion.

PREVIOUSLY COATED SURFACES

ALL PREVIOUSLY
COATED SURFACES: Clean thoroughly as directed for all surfaces. Remove all loose peeling paint and chalk oxidation by sanding or pressure washing. Glossy surfaces should be sanded to a dull sheen for maximum adhesion. Sand blasting or high pressure water blasting is recommended for the more severely deteriorated surfaces.

PREVIOUSLY COATED
MASONRY, CONCRETE,
ASPHALT SURFACES: Scrape, wire brush, mechanical grind or sand blast to remove loose, unsound concrete or any efflorescent, laitance (white powder or dust), from the surface. This should be followed by compressed air removal. Surfaces with mold or mildew should be cleaned with a commercial mildew remover and rinsed thoroughly with water. Remove any mold release oil with Simpson Coatings Xylol #301-011. **Except as restricted by your local Air Quality Management District.**

NOTE: Simpson Coatings Lead Free, Low V.O.C. Curb/Zone Marking Paints are designed to be applied by the Commercial/Professional Applicator. If the concrete, masonry, or asphalt substrate has been freshly coated with conventional asphalt, tar, black top coatings, the coating must be thoroughly dry/cured as per Coatings & Manufacturer's recommendations before applying the Lead Free, Low V.O.C. Curb/Zone Marking Paints.

APPLICATION INFORMATION

Estimation of practical coverage of this product can be variable and is completely dependent on application technique i.e., (determine the amount of wet film thickness application to achieve dry film thickness) and the porosity of the substrate.

Drying time and curing time may be adversely affected by extreme high/low substrate and atmospheric temperature variances, along with extreme high/low humidity. Apply when **air, product and surface temperatures** are between **60 °F – 90 °F**, the relative humidity is no greater than **85%**, and surface is at least **5 °F** above the dew point. **Do not apply these products when air and surface temperatures fall below 50 °F.**

CAUTION: Limitations! **Do Not Use** this product as an Anti-Slip Coating on City, Residential, Commercial, or Government Sidewalks, Driveways, Walkways or Ramps without the addition of an Anti-Slip Aggregate.

ASPHALT, CONCRETE
AND MASONRY: **Stir or agitate** the product thoroughly before application. Apply Simpson Coatings Lead Free, Low V.O.C. Curb/Zone Marking Paint by Professional Brush, Rollers, Airless or Conventional Zone Marking/Striping Spray Technology. Apply two coats each at 6.0 to 7.0 mils wet, to achieve 2.5 to 2.75 mils dry, allowing the first coat to dry for 4 to 6 hours before applying the second coat. An 8 to 12 hour dry time must be allowed after the final coat for traffic use.

108 – 26X High Sheen L/F Curb/Zone Marking Paint continued

NOTE: Curb/Zone Marking areas may be reflectorized for high reflective night time visibility, by using the “Drop-On” method over recently coated Curb/Zone areas before the Lead Free Low V.O.C. Curb/Zone Marking Paint film dries or sets-up. Apply five to six pounds of Simpson Coatings #RM-1955 Fine Glass Beads or #RM-1956 Coarse Glass Beads per gallon of paint by evenly dispersing the glass beads on the wet paint film. Allow the Curb/Zone Marking Paint to dry 8 to 12 hours before traffic use.

THINNING/CLEAN – UP

BRUSH/ROLLER: Not Recommended.

AIR ATOMIZED/AIRLESS SPRAY: Use one 1/2 pint per gallon of Simpson Coatings E.S.E. #309-057 Spray Reducer. **Except as restricted by your local Air Quality Management District.**

CLEAN – UP: Use soap and warm water for cleaning Tools and Spray Equipment.

EQUIPMENT RECOMMENDATIONS

BRUSH/ROLLER: Use Premium Quality Professional Synthetic Brushes or 50/50 Blend Roller Covers (1/4” – 1/2”). Apply with a fully loaded brush. Avoid rebrushing or reworking material.

SPRAY: Lead Free, Low V.O.C. Curb/Zone Marking Paint can be applied by Professional Airless, Conventional, HVLP Zone Marking/Striping Spray Technology.

STORAGE: **KEEP PRODUCT FROM FREEZING!** For best results always store in temperatures between 60 °F – 90 °F.

108-26X Lead Free Low V.O.C. High Sheen Curb/Zone Marking Paint Technical Data/Physical Properties

Resin Type: Modified Acrylic
Solvents: Alcohols, Glycol Ethers & Water
Coatings V.O.C. < 150 G/L

ANALYSIS

PRODUCT	ANALYSIS				PRODUCT COVERAGE					
	Pigment % by weight	% Solids by weight	% Solids by volume	Gloss	Viscosity	Wt. Per Gallon	Recommended Dry Film Thickness	Recommended Wet Film Thickness	Practical Coverage (assume 15% material loss)	Theoretical Coverage @ 1 mil D.F.T.
108-261 White High Sheen L/F Curb Zone Marking Paint	22.0-22.5%	43.5-45.5%	30.0-32.0%	60+	85-95 KU	10-10.6	2.0-3.0 mils	6.0-7.0 mils	150-215 sq. ft.	175-250 sq. ft.
108-262 Yellow High Sheen L/F Curb/Zone Marking Paint	10.9-11.5%	39.8-41.8%	33.2-35.2%	60+	85-95 KU	8.9-9.5	2.0-3.0 mils	6.0-7.0 mils	150-215 sq. ft.	175-250 sq. ft.
108-263 Red High Sheen L/F Curb/Zone Marking Paint	4.8-5.4%	35.7-37.7%	31.4-33.4%	60+	85-95 KU	8.6-9.2	2.0-3.0 mils	6.0-7.0 mils	150-215 sq. ft.	175-250 sq. ft.
108-264 Green High Sheen L/F Curb/Zone Marking Paint	4.3-4.9%	35.4-37.4%	30.7-32.7%	60+	85-95 KU	8.6-9.2	2.0-3.0 mils	6.0-7.0 mils	150-215 sq. ft.	175-250 sq. ft.
108-265 Black High Sheen L/F Curb/Zone Marking Paint	2.4-3.0%	35.6-37.6%	32.2-34.2%	60+	85-95 KU	8.4-9.0	2.0-3.0 mils	6.0-7.0 mils	150-215 sq. ft.	175-250 sq. ft.
108-266 Blue High Sheen L/F Curb/Zone Marking Paint	22.0-22.6%	43.5-45.5%	30.0-32.0%	60+	85-95 KU	10.0-10.6	2.0-3.0 mils	6.0-7.0 mils	150-215 sq. ft.	175-250 sq. ft.

Dry times @ 77° F and 50% R.H.

Tack Free: 1-2 Hours

Handle: 2-4 Hours

Sand/Recoat: 4-6 Hours

Full Dry/Cure: 7-10 Days

Special instructions:

Proposition 65 Warning

WARNING: THIS PRODUCTS CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

TECHNICAL SERVICE: Technical Services are available through Simpson Coatings Technical Service Support at 1-800-877-5997

LIMITED WARRANTY: The statements on this bulletin product label, or by any of our agents concerning these materials are given for information only. They are believed to be true and accurate and intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of other materials and other variables affecting results are all beyond our control. The Simpson Coatings Group does not make nor does it authorize any agent or representative to make any warranty of MERCHANTABILITY OR FITNESS for any purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Simpson Coatings quality control standards. Any liability whatsoever of Simpson Coatings Group