

ALUMINUM, MAGNESIUM & LIGHT ALLOYS**REPRESENTATIVE SURFACES**

Conduit	Fastenings
Corrugated Steel	Flat & Formed Sheet
Castings	Handrails
Diecastings	Ladders
Doors & Windows	Machinery
Electrical Housings	Structural Shapes
	Tanks

SURFACE PREPARATION**Bare Metal**

1. Solvent clean to remove dirt, oil, grease, soil, salts and other contaminants (SSPC-SP1).
2. If corroded or pitted, bare aluminum should be wire brushed or power tooled to remove oxidation (SSPC-SP2,SP3).

Previously Painted Surfaces

1. If the old paint film is loose, it must be removed by scraping, wire brushing, power tooling or sandblasting (SSPC-SP2, SP3, SP6).
2. Solvent or detergent clean to remove oil, grease and dirt (SSPC-SP1).
3. When applied over old paint films, a test patch of any new coating should be tried to be sure it does not lift or wrinkle the old film.

PRIMERS

1. Bare Metal should always be primed whether it is for indoor or outdoor exposure.
2. Indoor Exposure - primer is optional over previously painted surfaces.
3. Indoor Exposure to Acids and Alkalis primer always recommended, even over previously painted surfaces.
4. Outdoor Exposure primer always recommended, even over previously painted surfaces.
5. When aluminum or magnesium is in contact with any other metal, both surfaces should be primed with Grip-Coat® Vinyl Wash Primer #6906 plus Prime-Line® Metal Primer to prevent the electrolytic corrosion that occurs when these metals contact one another or other metals.

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PRODUCT RECOMMENDATIONS - ALUMINUM, MAGNESIUM & LIGHT ALLOYS

EPOSURE CONDITIONS	PRIMER	TOPCOAT
Average Indoor Exposure to dampness cutting oils and mild industrial fumes	GRIP-COAT® 6906 VINYL WASH PRIMER then PRIME-LINE® 1703, 1704 METAL PRIMER then PRIME LINE 1705 HEAVY DUTY METAL PRIMER	ALUMINUM - TOTALUME® 2605 TUF-QUIK® URETHANE ENAMEL 205XX series
Indoor Chemical Exposure Strong acids, mild alkali liquids and powders, continuous water immersion Stong alkali, mild acid liquids and powders, continuous water immersion.	GRIP-COAT 6906 VINYL WASH PRIMER PRIME-LINE 1705 HEAVY DUTY METAL PRIMER	TILE-COTE® EPOXY 1200 SERIES
Outdoor Exposure Weathering Weathering and salt spray. Weathering with acid and alkali liquids and powders.	GRIP-COAT 6906 VINYL WASH PRIMER GRIP-COAT 6906 VINYL WASH PRIMER then PRIMER-LINE 1703, 1704 METAL PRIMER	RUST-STOP® DTM 100% ACRYLIC LATEX METAL PAINT LARCOLOID® ALKYD URETHANE ENAMEL 211XX TUF-QUIK® URETHANE ENAMEL 205XX SERIES
Apply to Damp Walls & Other Damp Surfaces Interior Only	NONE	SUPER DAMPCOAT®II 1901 WHITE SANITARY ENAMEL
High Heat Resistance Black Temperature to 450°	NONE	NONE
Clear Coating Exterior	NONE	LACRYLIC® CLEAR FINISH 7110