

FERROUS METAL (IRON AND STEEL)

REPRESENTATIVE SURFACES

Boilers	Flat and Formed Sheet
Castings	Floors Metal
Catwalks	Steel Lockers
Chemical Storage Tanks	Machinery
Compressors	Materials Handling Equipment
Conveyors	Motors
Cranes	Piping
Decking	Pumps
Elevators	Smoke Stacks
Fencing	Structural Members (Steel)
Fire Escapes	Swimming Pools
	Valves
	Water 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 metal 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.
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

Exterior ferrous metal and interior ferrous metal subjected to moisture or chemical exposure always require a primer.

Primers vary greatly, so that the proper primer must be selected from this sheet for the intended usage of the metal being coated.

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PRODUCT RECOMMENDATIONS — FERROUS METAL (IRON AND STEEL)

EXPOSURE CONDITIONS	PRIMER	TOPCOAT
Average Indoor Exposure to dampness, cutting oils and mild industrial fumes	1) NONE 2) PRIME-LINE® 1703, 1704 METAL PRIMER 3) RUST-STOP 1061, 1064, 1067 METAL PRIMER	1) RUST-STOP® DTM 100% ACRYLIC LATEX METAL PAINT 2) LARCOLOID® ALKYD URETHANE 211XX SERIES OR 100% ACRYLIC 511XX SERIES 3) TUF-QUIK® URETHANE 205XX SERIES
Indoor Chemical Exposure 1) Strong acids, mild alkali liquids and powders, continuous water immersion. 2) Strong Alkali, mild acid liquids and powders, continuous water immersion.	1) GRIP-COTE® 6906 VINYL WASH PRIMER then PRIME-LINE 1705 METAL PRIMER 2) PRIME-LINE 1705 METAL PRIMER	2) TILE-COTE® EPOXY 1200 SERIES
Outdoor Exposure 1) Weathering — Fast drying overspray 2) Weathering and salt spray	1) NONE 2) PRIME-LINE 1703, 1704 METAL PRIMER	1) RUST-STOP DTM 100% ACRYLIC LATEX METAL PAINT 2) LARCOLOID ACRYLIC 511XX SERIES OR TUF-FLEX® ACRYLIC EPOXY ENAMEL 1300 SERIES
Swimming Pools 1) Synthetic Rubber Coating 2) Epoxy Coating Desired	NONE NONE	CHLORINATED RUBBER IMPACTED IMMERSION COATING 20XX - 2 Coats TILE-COTE® 1200 SERIES - 2 Coats
Floors — Foot & Vehicle Traffic 1) Normal Industrial Traffic 2) Skid Resistance 3) Heavy Industrial Traffic HEAVY DUTY PRIMER	1) PRIME LINE 1703, 1704 METAL PRIMER 2) PRIME LINE 1703, 1704 METAL PRIMER 3) PRIME LINE 1705	1) TUF-QUIK URETHANE FLOOR COATINGS 205XX 2) SKID-GRIP® 205XX SERIES 2) TILE-COTE EPOXY 1200
Apply to Damp Walls and Other Damp Surfaces — Interior Only	NONE	SUPER DAMPCOAT® II 1901
To Galvanize Bare Iron and Steel	ZINC SHIELD® over sand-blasted bare steel	Overcoat with ZINC SHIELD or one of the above systems depending on exposure conditions.