

INDUSTRIAL COATINGS CHEMICAL & CORROSION RESISTANCE

● EXCELLENT RESISTANCE

The color and film integrity of the coating is generally unaffected by exposure to this condition. Long-term protection can be expected.

▲ GOOD RESISTANCE

The film integrity of the coating is generally unaffected by exposure to this condition. Color and gloss may be slightly affected with longer exposure; however, long-term protection can be expected.

◆ FAIR RESISTANCE

The film integrity of the coating is generally unaffected by exposure to this condition, however color and gloss will be affected with longer exposure.

■ NOT RECOMMENDED

Film integrity and color are affected by exposure to this condition, greatly reducing protection.

CHEMICAL & CORROSION RESISTANCE GUIDE																				
This chart represents the general chemical resistance of Rust-Oleum finish coats. For more details, call the Rust-Oleum Technical Service Department at 847-816-2248.	CORROSIVE CONDITIONS						FUMES, SPILLAGE & SPRAYS										IMMERSION CONTINUOUS WET HEAT RESISTANCE 125F (52C)			
	GENERAL WEATHERING	INDUSTRIAL FUMES	SALT ATMOSPHERE	MOLD, MILDEW, FUNGUS	LIGHT-MODERATE ABRASION	HEAVY ABRASION	DRY HEAT	WATER	SALT & BRINES	MILD ALKALI, SOAPS & DETERGENTS	STRONG ALKALI & CAUSTICS	MILD, DILUTE ACIDS	STRONG, CONCENTRATED ACIDS	FOOD ACIDS	GREASES, OILS & FATS	GASOLINE & SOLVENTS	CUTTING OILS, COOLANT & HYDRAULIC FLUID	FRESH WATER	SALT WATER & BRINE	SEWAGE
	HIGH PERFORMANCE																			
7400 System – DTM 450 VOC Alkyd Enamel ¹	▲	●	●	■	▲	■	212°F 100°C	▲	▲	▲	■	▲	■	▲	●	▲	▲	■	■	■
8400 System – Food & Beverage Alkyd Enamel	▲	●	●	●	▲	■	212°F 100°C	▲	▲	▲	■	▲	■	▲	●	▲	▲	■	■	■
3400 System – DTM 340 VOC Alkyd Enamel ¹	▲	●	●	■	▲	■	212°F 100°C	▲	▲	▲	■	▲	■	▲	●	▲	▲	■	■	■
2500 System – DTM 250 VOC Alkyd Enamel ¹	▲	●	●	■	▲	■	212°F 100°C	▲	▲	▲	■	▲	■	▲	●	▲	▲	■	■	■
1500 System – Speedy-Dry Alkyd Enamel	▲	●	●	■	▲	■	212°F 100°C	▲	▲	▲	■	▲	■	▲	●	▲	▲	■	■	■
3700 System – DTM Acrylic Enamel	●	●	●	●	▲	■	200°F 93°C	●	●	▲	■	▲	■	▲	●	■	▲	■	■	■
3100 System – Speedy-Dry DTM Acrylic Enamel	●	▲	▲	●	▲	■	200°F 93°C	▲	▲	▲	■	▲	■	▲	●	■	▲	■	■	■
9100 System – DTM Epoxy Mastic	◆	●	●	▲	●	●	300°F 149°C	●	●	●	●	●	●	▲	●	●	●	● ²	● ²	● ²
5300 System – Water-Based Epoxy	◆	●	●	▲	●	▲	300°F 149°C	●	●	●	●	●	■	▲	●	●	●	■	■	■
C9578 System – Coal Tar Epoxy	◆	●	●	▲	●	●	300°F 149°C	●	●	●	●	●	▲	●	●	●	●	●	●	●
W9200 System – Potable Water Coating	◆	●	●	▲	●	●	300°F 149°C	●	●	●	●	●	▲	●	●	●	●	●	●	●
9800 System – DTM Urethane Mastic	●	●	●	▲	●	●	300°F 149°C	●	●	●	●	▲	◆	◆	●	◆	▲	■	■	■
9700 System – 250 VOC Acrylic Polyester Urethane	●	●	●	▲	●	●	300°F 149°C	●	●	●	●	●	●	●	●	●	▲	■	■	■
9400 System – High Gloss Polyester Urethane	●	●	●	▲	●	●	300°F 149°C	●	●	●	●	●	▲ ³	●	●	●	▲	■	■	■
7000 System – Cold Galvanizing Compound	●	●	●	■	▲	■	350°F 177°C	▲	▲	▲	■	■	■	▲	●	▲	▲	■	■	■
4200/4300 System – High Heat Coatings	▲	●	■	■	■	■	800- 1200F 427-649C	▲	■	■	■	■	■	■	■	■	■	■	■	■
INDUSTRIAL CHOICE®																				
6400 System – DTM 450 VOC Alkyd Enamel	▲	●	●	■	▲	■	212°F 100°C	▲	▲	▲	■	▲	■	▲	●	▲	▲	■	■	■
V6400 System – DTM 340 VOC Alkyd Enamel	▲	●	●	■	▲	■	212°F 100°C	▲	▲	▲	■	▲	■	▲	●	▲	▲	■	■	■
5200 System – DTM Acrylic	●	▲	●	●	▲	■	200°F 93°C	▲	▲	▲	■	▲	■	▲	●	■	●	■	■	■
3600 System – Multi-Purpose Epoxy	◆	●	●	▲	●	●	300°F 149°C	●	●	●	●	●	●	▲	●	●	●	■	■	■
3300 System – Acrylic Aliphatic Urethane	●	●	●	▲	●	▲	300°F 149°C	●	●	●	●	●	▲	●	●	●	▲	■	■	■

1 For high gloss finishes only. 2 Use with 9102402 Immersion Activator. 3 Long-term exposure to acids may cause some discoloration.

CHEMICAL & CORROSION RESISTANCE GUIDE (CONT.)

This chart represents the general chemical resistance of Rust-Oleum finish coats. For more details, call the Rust-Oleum Technical Service Department at 847-816-2248.

	CORROSIVE CONDITIONS							FUMES, SPILLAGE & SPRAYS										IMMERSION CONTINUOUS WET HEAT RESISTANCE 125°F (52°C)		
	GENERAL WEATHERING	INDUSTRIAL FUMES	SALT ATMOSPHERE	MOLD, MILDEW, FUNGUS	LIGHT-MODERATE ABRASION	HEAVY ABRASION	DRY HEAT	WATER	SALT & BRINES	MILD, ALKALI, SOAPS & DETERGENTS	STRONG ALKALI & CAUSTICS	MILD, DILUTE ACIDS	STRONG, CONCENTRATED ACIDS	FOOD ACIDS	GREASES, OILS & FATS	GASOLINE & SOLVENTS	CUTTING OILS, COOLANT & HYDRAULIC FLUID	FRESH WATER	SALT WATER & BRINE	SEWAGE
MATHYS																				
Noxyde®	●	●	●	●	●	▲	—	●	●	▲	◆	▲	▲	▲	◆	◆	◆	■	■	■
SIERRA PERFORMANCE™																				
Beyond™ Multi-Purpose Acrylic Enamel	●	●	●	●	●	■	—	▲	▲	●	■	▲	■	▲	▲	■	■	■	■	■
MetalMax™ DTM Acrylic Urethane	●	●	●	●	●	■	—	●	●	●	▲	▲	▲	▲	▲	▲	▲	■	■	■
S16/S22 System – Epoxy Acrylic Enamel	●	●	●	●	●	▲	—	●	●	●	▲	●	▲	●	●	▲	▲	■	■	■
S40 System – Gloss Concrete Epoxy Floor Coating	▲	●	●	●	●	▲	—	●	●	●	▲	●	▲	●	●	▲	▲	■	■	■
S42 System – Medium Build Satin Concrete Epoxy Floor Coating	▲	●	●	●	●	▲	—	●	●	●	▲	●	▲	●	●	▲	▲	■	■	■
S50/S51 System – Industrial Epoxy Gloss Enamel	▲	●	●	●	●	▲	—	●	●	●	▲	●	▲	●	●	▲	▲	■	■	■
GLOWMAX™																				
GlowMax™ Acrylics	●	▲	●	●	▲	■	—	▲	▲	▲	■	▲	■	▲	●	■	●	■	■	■
GlowMax™ Anti-Slip Floor Coatings	●	▲	●	●	▲	■	—	▲	▲	▲	■	▲	■	▲	●	■	●	■	■	■
CONCRETE SAVER®																				
AS6000 System – Anti-Slip Low-Profile Epoxy	▲	●	●	▲	●	●	—	●	●	●	●	●	■	●	▲	▲	▲	▲	■	■
AS5400 System – Anti-Slip One-Step Epoxy	▲	●	▲	▲	●	●	—	●	●	●	●	●	■	●	●	●	●	■	■	■
AS9100 System – Anti-Slip High Performance Epoxy	●	●	●	▲	●	●	—	●	●	●	●	●	▲	▲	▲	▲	▲	■	■	■
AS6500 System – Anti-Slip 100% Solids Epoxy	●	●	●	▲	●	●	—	●	●	●	●	●	▲	▲	▲	▲	▲	■	■	■
6000 System – Water-Based Epoxy	▲	●	●	▲	●	▲	—	●	●	●	●	●	■	●	●	●	●	■	■	■
6500 System – 100% Solids Epoxy	▲	●	●	●	●	●	—	●	●	●	●	●	▲	●	●	●	●	■	■	■
6711 System – Clear Water-Based Polyurethane	▲	▲	▲	▲	●	■	—	●	●	●	▲	▲	▲	▲	●	▲	▲	■	■	■
CONCRETE PROTECTION SYSTEMS (CPS)																				
CPS offers protection for the most severe industrial environment. Ask your Rust-Oleum Sales Representative for a complete Concrete Protection Systems Chemical & Corrosion Resistance Guide.																				