



Specification Guide





Specification Guide Index

Steel

| | |
|---|----|
| Interior and exterior steel | 4 |
| Steel exposed to chemical fumes or humidity | 5 |
| High temperature steel substrates..... | 6 |
| Steel surfaces exposed to abrasion | 7 |
| Aluminum or galvanized surfaces | 8 |
| Steel immersed in water | 9 |
| Chemically immersed steel – tank linings..... | 10 |
| Insulated piping & storage tanks | 11 |
| Tank farm exteriors | 12 |
| Fleet and transport systems | 13 |

Concrete

| | |
|--|----|
| Concrete secondary containment..... | 14 |
| Concrete floors / non-skid concrete floors | 15 |
| Exterior / interior concrete block | 16 |

Specialty Coating Systems

| | |
|--|----|
| Previously painted aged alkyd surfaces | 17 |
| Cold weather cure epoxy | 18 |
| Dry fall epoxy / urethane system | 18 |
| Surface tolerant coatings | 19 |
| Waterborne low V.O.C systems | 20 |

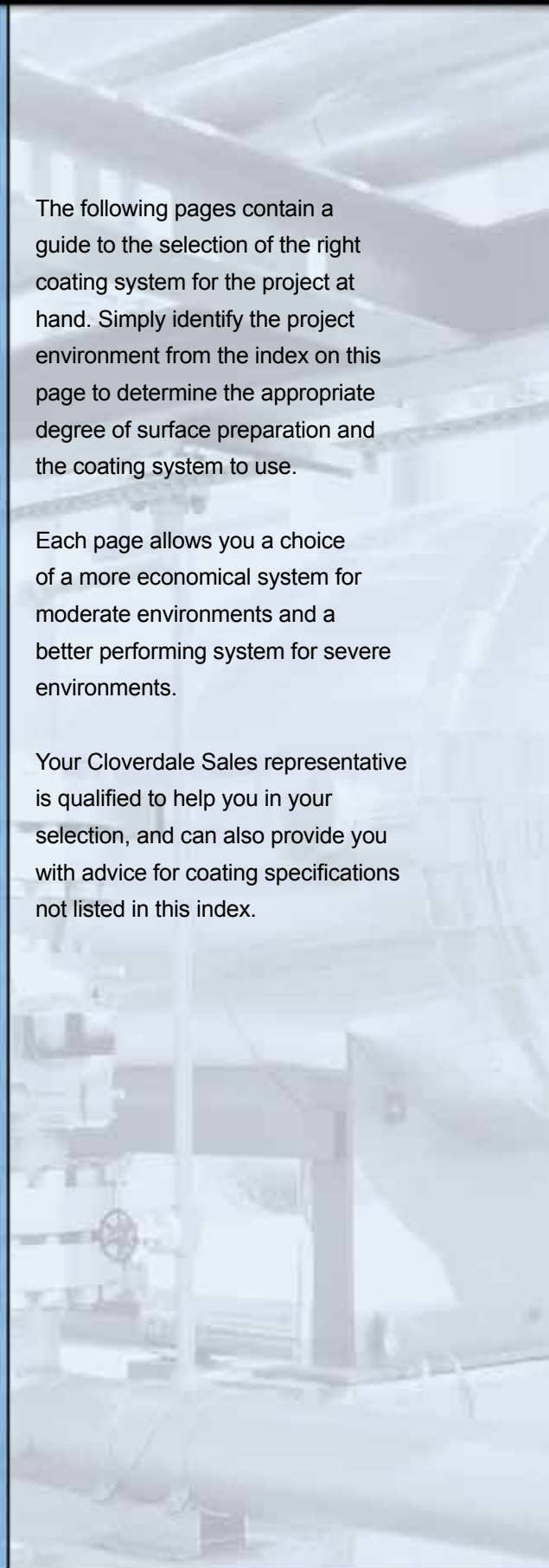
Approved Listings / Surface Preparation

| | |
|---|----|
| MPI Approved product list – Industrial | 21 |
| CFIA Approved product list – Industrial | 23 |
| Surface preparation standards | 24 |

The following pages contain a guide to the selection of the right coating system for the project at hand. Simply identify the project environment from the index on this page to determine the appropriate degree of surface preparation and the coating system to use.

Each page allows you a choice of a more economical system for moderate environments and a better performing system for severe environments.

Your Cloverdale Sales representative is qualified to help you in your selection, and can also provide you with advice for coating specifications not listed in this index.



Interior and Exterior Steel - General Purpose

| Service Conditions | | | | | | |
|--------------------|--------------|------------------------|-----------------|----------------------|--------------------------|-----|
| Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Epoxy Primer | ClovaPrime 21 | 2 - 3 mils | 60% | SP3 | SP6 |
| 2 | Urethane | 837 / 839 ArmourShield | 2 - 3 mils | 60% | N/A | N/A |

This system will provide the best possible long term performance exhibiting superior gloss retention, and providing enhanced corrosion and abrasion resistance. Not recommended for immersion service or extremely high corrosion areas. (Armour Shield acrylic urethane is V.O.C compliant at less than 360 gm/l).

| Service Conditions | | | | | | |
|--------------------|----------------------|----------------------|-----------------|----------------------|--------------------------|-----|
| Moderate | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Alkyd Primer | Rustex 710 Series | 1.5 - 2 mils | 37% | SP3 | SP6 |
| | OR Phenolic Alkyd | 71044 / 46 / 47 | 1 - 4 mils | 55% | SP3 | SP6 |
| 2 | Alkyd Enamel | 74 / 76 / 111 Series | 1.5 - 2.5 mils | 39% | N/A | N/A |

This high quality, moderately fast drying gloss enamel system provides an economic full gloss finish with excellent impact resistance and weatherability. Topcoat is available in a wide range of stock and custom colors. Not recommended for immersion service or high corrosion areas.

| Service Conditions | | | | | | |
|--------------------|-----------------|--------------|-----------------|----------------------|--------------------------|-----|
| Moderate | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Polyvinyl Butyl | 71009 Primer | .5 - .75 mils | 12% | SP6 | SP6 |

This is a fast dry shop primer designed to give temporary protection to shot or sandblasted steel . It provides excellent adhesion and abrasion resistance and good weathering protection for up to 9 months. This primer can be welded with no effect on weld integrity or toxic emissions.

Flash Weld Primer

Steel Exposed to Chemical Fumes or Humidity

| Service Conditions | | | | | | |
|--------------------|--------------------------|------------------------|-----------------|----------------------|--------------------------|------|
| Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Organic Zinc Rich Primer | ClovaZinc 3 | 2 - 3 mils | 58% | SP6 | SP10 |
| 2 | High Build Epoxy | ClovaGuard 83150 | 4 - 6 mils | 57% | N/A | N/A |
| 3 | Urethane | 837 / 839 ArmourShield | 2 - 3 mils | 60% | N/A | N/A |

This System will provide superior corrosion resistance and is recommended for severely corrosive or high humidity environments and also provides good abrasion resistance. The Armour Shield component may be omitted for interior use (Armour Shield acrylic urethane is V.O.C compliant at less than 360 gm/l).Not recommended for chemical immersion.

| Service Conditions | | | | | | |
|--------------------|------------|------------------------|-----------------|----------------------|--------------------------|-----|
| Moderate | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Epoxmastic | 83110 ClovaMastic | 6 - 10 mils | 80% | SP3 | SP6 |
| 2 | Urethane | 837 / 839 ArmourShield | 2 - 3 mils | 60% | N/A | N/A |

An economical anticorrosive Epoxy / Urethane system exhibiting excellent resistance to corrosion and high humidity. For interior application, a second coat of ClovaMastic may be substituted for the Armour Shield coat. Not recommended for chemical immersion. (83110 ClovaMastic can cure to -18°C and is V.O.C compliant at 173 gm/l).

Steel Exposed to Chemical Fumes or Humidity

High Temperature Steel Substrates

Expected Temperature

Up to 650°C (1200°F)

| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
|--------------|------------------------|----------------|-----------------|----------------------|--------------------------|-----|
| 1 | Silicone Polymer | 83203 Aluminum | 1 - 1.5 mils | 26% | SP10 | SP5 |
| | OR Silicone Polymer | 70020 Black | 1 - 1.5 mils | 16% | SP10 | SP5 |

Requires heat curing to develop full film properties.

Expected Temperature

Up to 420°C (790°F)

| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
|--------------|----------|------------------------|-----------------|----------------------|--------------------------|-----|
| 1 | Silicone | ClovaTherm 8322 Series | 1.5 - 3 mils | 52% | SP10 | SP5 |

Provides good corrosion resistance and is self priming without the need for heat cure.

Expected Temperature

Up to 216°C (420°F)

| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
|--------------|-------------------------|-----------------------------|-----------------|----------------------|--------------------------|------|
| 1 | Silicone Acrylic Enamel | Heat Resistant Enamel 83206 | 1 - 1.5 mils | 35% | SP10 | SP10 |

For best results, a second coat may be required. This product has a full gloss finish.

Expected Temperature

Up to 400°C (752°F)

| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
|--------------|----------------|-------------|-----------------|----------------------|--------------------------|------|
| 1 | Inorganic Zinc | ClovaZinc 2 | 2 - 3 mils | 58% | SP6 | SP10 |

ClovaZinc 2 is heat resistant on its own to 400°C / 752°F. It may be used as a primer for the above systems for superior corrosion protection.

Primer for increased protection

Steel Surfaces Exposed to Abrasion

| Service Conditions | | | | | | |
|--------------------|---------------|--------------|-----------------|----------------------|--------------------------|-----|
| Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Epoxy Novolac | 83375 Lining | 12 - 16 mils | 75% | SP10 | SP5 |

83375 Tank Lining may be applied in one or two coats to achieve the 12-16 mils dft. For use in abrasive / chemically exposed environments where gloss and color retention are not important. This will provide maximum protection to the steel substrate in a 1 or 2 coat system. (Contact a Cloverdale Technical Representative for chemical resistance information).

| Service Conditions | | | | | | |
|--------------------|------------------|------------------------|-----------------|----------------------|--------------------------|-----|
| Moderate to Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Epoxy Primer | ClovaPrime 21 | 2 - 3 mils | 60% | SP3 | SP6 |
| 2 | High Build Epoxy | ClovaGuard 83150 | 4 - 6 mils | 57% | N/A | N/A |
| 3 | Urethane | 837 / 839 ArmourShield | 2 - 3 mils | 60% | N/A | N/A |

For use when maximum abrasion and UV resistance is required. This system provides a high gloss finish and is resistant to corrosion when tested to ASTM D4060, system exhibits a loss of less than 85 mg.

| Service Conditions | | | | | | |
|--------------------|--------------|------------------------|-----------------|----------------------|--------------------------|-----|
| Moderate | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Epoxy Primer | ClovaPrime 21 | 2 - 3 mils | 60% | SP3 | SP6 |
| 2 | Urethane | 837 / 839 ArmourShield | 2 - 3 mils | 60% | N/A | N/A |

For use in moderate abrasive conditions when UV resistance is important. This system also provides good corrosion control.

Aluminum or Galvanized Surfaces

| Service Conditions | | | | | | |
|--|---------------------|------------------------|-----------------|----------------------|--------------------------|-----|
| Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Surface Conditioner | 78100 ClovaClean | N/A | N/A | SP7 | SP6 |
| 2 | Epoxy Primer | ClovaPrime 21 | 2 - 3 mils | 60% | N/A | N/A |
| 3 | Urethane | 837 / 839 ArmourShield | 2 - 3 mils | 60% | N/A | N/A |
| Provides excellent adhesion to aluminum or galvanized metal and also long term durability for both interior and exterior applications. | | | | | | |

| Service Conditions | | | | | | |
|---|---------------------|---------------------|-----------------|----------------------|--------------------------|-----|
| Moderate - 1 | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Surface Conditioner | 78100 ClovaClean | N/A | N/A | SP2 | SP3 |
| 2 | Waterborne Primer | 703 Ecologic Rustex | 1.5 - 2 mils | 40% | N/A | N/A |
| 3 | Waterborne Enamel | Ecologic 704 Series | 2 - 2.5 mils | 36% | N/A | N/A |
| For less severe environments related to long term durability. Provides excellent adhesion to aluminum or galvanized metal in an economical low V.O.C package. | | | | | | |

| Service Conditions | | | | | | |
|--|---------------------|---------------------|-----------------|----------------------|--------------------------|-----|
| Moderate - 2 | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Surface Conditioner | 78100 ClovaClean | N/A | N/A | SP2 | SP3 |
| 2 | Acrylic Elastomeric | 71007 ClovaBond | .1 - .3 mils | 10% | N/A | N/A |
| 3 | Waterborne Enamel | Ecologic 704 Series | 2 - 2.5 mils | 36% | N/A | N/A |
| Intended primarily for Architectural use on metal flashings, downspouts, gutters, metal and fiberglass doors, aluminum window frames, Q-Deck ceilings etc. | | | | | | |

Steel Immersed in Water

| Service Conditions | | | | | | |
|--------------------|---------------|-------------------|-----------------|----------------------|--------------------------|-----|
| Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Epoxy Novolac | 83375 Tank Lining | 12 - 16 mils | 75% | SP10 | SP5 |
| 2 | Hybrid Epoxy | 83376 Tank Lining | 20 - 50 mils | 95% | SP10 | SP5 |

83375 Tank Lining may be applied in one or two coats to achieve the 12-16 mils dft. For use in IMMERSION environments, including salt water where gloss and colour retention are not important.

83376 Tank Lining is a New generation technology ultra-high solids epoxy hybrid immersion coating that provides excellent chemical resistance in a wide range of immersion environments. Single-coat application and fast cure, provides rapid return to service with good flexibility and impact resistance. For use in oil and petroleum storage tanks, oil processing equipment and produced water including concentrated brine, chemical storage, mining and waste water. (Contact a Cloverdale Technical Representative for chemical resistance information). Not to be used for potable water applications.

| Service Conditions | | | | | | |
|--------------------|----------------------|-------------------|-----------------|----------------------|--------------------------|-----|
| Moderate to Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Epoxy Mastic OR | 83110 ClovaMastic | 6 - 10 mils | 80% | SP10 | SP5 |
| 2 | Coal Tar Epoxy OR | ClovaTar 22 | 16 - 18 mils | 80% | SP10 | SP5 |
| 3 | Immersion Epoxy | 83275 Lining | 12 - 16 mils | 75% | SP10 | SP5 |

Either system provides excellent corrosion protection to steel immersed in water. Surface preparation is important in the case of continuous immersion service.

Chemically Immersed Steel - Tank Linings

| Service Conditions |
|--------------------|
|--------------------|

| |
|--------------------|
| Moderate to Severe |
|--------------------|

| | Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended |
|---|---------------|-------------------|--------------|-----------------|----------------------|--------------------------|
| 1 | Epoxy Novolac | 83375 Tank Lining | 12 - 16 mils | 75% | SP5 | SP5 |
| 2 | Hybrid Epoxy | 83376 Tank Lining | 20 - 50 mils | 95% | SP5 | SP5 |

83375 Tank Lining may be applied in one or two coats to achieve the 12-16 mils dft. A two coat system reduces the risk of pinholes leading to failures. Originally designed for the oil and gas industry, 2800 fertilizer storage tanks and other chemical and petroleum storage tank interior linings. 83376 Tank Lining is a new generation technology ultra-high solids epoxy hybrid immersion coating that provides excellent chemical resistance in a wide range of immersion environments. Single-coat application and fast cure, provides rapid return to service with good flexibility and impact resistance. For use in oil and petroleum storage tanks, oil processing equipment and produced water including concentrated brine, chemical storage, mining and waste water. Please consult your local Cloverdale Paint Technical Representative for complete chemical resistance compatibility.

Tank Lining Patch Kit - Girth Weld Coating

| Service Conditions |
|--------------------|
|--------------------|

| |
|--------------------|
| Moderate to Severe |
|--------------------|

| | Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended |
|---|---------------|-----------------|-------------|-----------------|----------------------|--------------------------|
| 1 | Epoxy Novolac | 83324 Patch Kit | as required | 100% | SP2 | SP3 |

Designed as a patch kit for spot repairs over new (pin holes) and existing tank linings. Also used as a girth weld coating for pipeline service. Cure time for immersion service is 3 hours at ambient conditions.

Insulated Piping / Storage Tanks

| Service Conditions | | | | | | |
|---|----------------------------------|------------|-----------------|----------------------|--------------------------|--|
| Severe - High Temperatures | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 Catalyzed Epoxy | 83270 Micaceous Iron Oxide Epoxy | 3 - 6 mils | 64% | SP6 | SP10 | |
| <p>This epoxy material is applied directly to the exterior steel surface of the tank/piping. Insulation material is then applied directly over the cured Epoxy. This system is suitable for temperatures up to 200°C / 390°F.</p> | | | | | | |

| Service Conditions | | | | | | |
|---|-------------------|--------------|-----------------|----------------------|--------------------------|--|
| Moderate - Lower Temperatures | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 Anti-Corrosive Primer | Rustex 710 Series | 1.5 - 2 mils | 37% | SP3 | SP6 | |
| 2 Elastomeric Acrylic Waterborne | Toerthon 20100 | 22 - 24 mils | 55% | N/A | N/A | |
| <p>Rustex primer is applied directly to the steel exterior. A foam insulation layer should then be applied over the primer with the elastomeric topcoat then being applied on top of the foam layer. This system is suitable for temperatures up to 92°C (200°F).</p> | | | | | | |

Tank Farm Exteriors

| Service Conditions | | | | | | |
|--------------------|--------------|------------------------|-----------------|----------------------|--------------------------|-----|
| Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Epoxy Primer | ClovaPrime 21 | 2 - 3 mils | 60% | SP3 | SP6 |
| 2 | Urethane | 837 / 839 ArmourShield | 2 - 3 mils | 60% | N/A | N/A |

This system will provide best possible long term performance exhibiting superior gloss retention, and providing enhanced corrosion resistance. Not recommended for immersion service or extremely high corrosion areas. (AmourShield acrylic urethane is V.O.C compliant at less than 3.5 lbs gallon).

| Service Conditions | | | | | | |
|--------------------|--------------|----------------------|-----------------|----------------------|--------------------------|-----|
| Moderate | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Alkyd Primer | Rustex 710 Series | 1.5 - 2 mils | 37% | SP3 | SP6 |
| 2 | Alkyd Enamel | 74 / 76 / 111 Series | 1.5 - 2 mils | 39% | N/A | N/A |

This high quality, moderately fast drying gloss enamel system provides a full gloss with excellent impact resistance and weatherability. Topcoat is available in a wide range of stock and custom colors. Not recommended for immersion service or high corrosion areas.

Fleet and Transport Systems

| Service Conditions | | | | | | |
|--------------------|--|------------------------|-----------------|----------------------|--------------------------|-----|
| Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Polymide Epoxy | 86850 DuraPrime | 2 - 3 mils | 50% | SP2/3 | SP6 |
| 2 | Urethane | 837 / 839 ArmourShield | 2 - 3 mils | 60% | N/A | N/A |
| 3 | Optional Clear Coat Urethane for increased UV Resistance | 83953 Clear Coat | 2 - 3 mils | 60% | N/A | N/A |

DuraPrime is a heavy duty, high performance epoxy primer that provides excellent corrosion resistance over blasted or power tool cleaned steel. DuraPrime has a low gloss finish and good flexibility with aging.

The Armour Shield® line of coatings are tightly cross linked interpenetrating polymer networks of acrylic and polyester urethanes. They are low HAP, low V.O.C (under 3.5 lbs/gallon), high performance, two component urethanes that provide superior gloss and colour retention, excellent chemical resistance, outstanding abrasion resistance and a very high gloss (wet look) finish. They are available in white, black, coloured bases and metallic's permitting a match to most colours.

Concrete Secondary Containment

| Service Conditions | | | | | | |
|--------------------|---------------|-------------------|-----------------|----------------------|--------------------------|------|
| Moderate to Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Epoxy Novolac | 83375 Tank Lining | 12 - 16 mils | 75% | SP13 | SP13 |
| 2 | Hybrid Epoxy | 83376 Tank Lining | 20 - 50 mils | 95% | SP13 | SP13 |

83375 Tank Lining may be applied in one or two coats to achieve the 12-16 mils dft. Use when surface may be exposed to chemicals and solvents. New concrete must be aged a minimum of 28 days and tested for moisture. Please contact your Cloverdale Paint Technical Representative for complete chemical resistance compatibility.

83376 Tank Lining is a new generation technology ultra-high solids epoxy hybrid immersion coating that provides excellent chemical resistance in a wide range of immersion environments. Single-coat application and fast cure, provides rapid return to service with good flexibility and impact resistance. For use in oil and petroleum storage tanks, oil processing equipment and produced water including concentrated brine, chemical storage, mining and waste water. Please consult your local Cloverdale Paint Technical Representative for complete chemical resistance compatibility.

| Service Conditions | | | | | | |
|--------------------|--------------|------------------------|-----------------|----------------------|--------------------------|------|
| Moderate | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Epoxy Mastic | 83110 ClovaMastic | 6 - 10 mils | 80% | SP13 | SP13 |
| 2 | Urethane | 837 / 839 ArmourShield | 2 - 3 mils | 60% | N/A | N/A |

Use when continuous exposure to chemicals or solvents is not a primary concern but gloss and UV stability is. New concrete must be aged a minimum of 28 days and tested for moisture.

Concrete Secondary Containment

Concrete Floors

| Service Conditions | | | | | | |
|------------------------|--------------------|------------|-----------------|----------------------|--------------------------|------|
| Severe - High Abrasion | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Penetrating Sealer | NSP 100 | 1.5 - 2 mils | 50% | SP13 | SP13 |
| 2 | High Build Epoxy | NSP 122 | 10 - 12 mils | 100% | N/A | N/A |

A self leveling high build epoxy coating that is resistant to solvents, acids, alkalis and other chemicals. New concrete should be aged a minimum of 28 days and tested for moisture, then acid etched. Surface hardened concrete must be mechanically abraded.

| Service Conditions | | | | | | |
|--------------------|------------------|---------------|-----------------|----------------------|--------------------------|------|
| Moderate - Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | High Build Epoxy | ClovaCoat 300 | 4 - 6 mils | 60% | SP13 | SP13 |
| 2 | High Build Epoxy | ClovaCoat 300 | 4 - 6 mils | 60% | N/A | N/A |

A hard, durable thin film economical epoxy coating that is resistant to solvents, acids, alkalis and other chemicals. New concrete should be aged a minimum of 28 days and tested for moisture, then acid etched. Surface hardened concrete must be mechanically abraded.

Non-Skid Floors

| Service Conditions | | | | | | |
|--------------------|-----------------|-----------------|-----------------|----------------------|--------------------------|------|
| Moderate - Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Anti-Slip Epoxy | ClovaGrip 83365 | 13 - 16 mils | 70% | SP13 | SP13 |

A high performance epoxy coating designed for application to horizontal surfaces and exhibiting excellent solvent/chemical resistance and non skid properties. New concrete should be aged a minimum of 28 days and tested for moisture, then acid etched. Surface hardened concrete must be mechanically abraded.

Exterior Concrete Block

| Service Conditions | | | | | | |
|--------------------|--------------------|--------------------|-----------------|----------------------|--------------------------|----------------|
| Moderate | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Vinyl Acrylic | 05700 Block Filler | 7 - 12 mils | 55% | See data sheet | See data sheet |
| 2 | Waterborne Acrylic | EcoLogic 70603 | 1.5 - 2 mils | 36% | N/A | N/A |

For use on exterior concrete block. Surface must be clean dry and free of contaminants. Fill cracks and crevices with suitable caulking compound. For best results 2 coats of the 70603 Ecologic are recommended.

Interior Concrete Block

| Service Conditions | | | | | | |
|---|------------------|--------------------------|-----------------|----------------------|--------------------------|----------------|
| Severe - High Humidity/ Contaminants | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Epoxy | 83065 Epoxy Block Filler | 7 - 14 mils | 65% | See data sheet | See data sheet |
| 2 | High Build Epoxy | ClovaCoat 300 | 4 - 6 mils | 60% | N/A | N/A |

Use whenever there is a need to eliminate absorption of contaminants such as in chemical plants, food plants, restaurants, etc. or excessive moisture is present. Surface must be clean, dry and free from contaminates. Provides a smooth tile like finish. Fill cracks and crevices with a suitable caulking compound. For best results 2 coats of the ClovaCoat 300 are recommended.

| Service Conditions | | | | | | |
|----------------------|--------------------|--------------------|-----------------|----------------------|--------------------------|----------------|
| Moderate - Non Humid | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Vinyl Acrylic | 05700 Block Filler | 7 - 12 mils | 55% | See data sheet | See data sheet |
| 2 | Waterborne Acrylic | EcoLogic 70603 | 1.5 - 2 mils | 36% | N/A | N/A |

For use on interior concrete block. Surface must be clean dry and free of contaminants. Fill cracks and crevices with suitable caulking compound.

Previously Painted Aged Alkyd Surfaces

| Service Conditions | | | | | | |
|--------------------|--------------|------------------------|-----------------|----------------------|--------------------------|-----|
| Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Epoxy Mastic | 83110 ClovaMastic | 6 - 10 mils | 80% | SP3 | SP3 |
| 2 | Urethane | 837 / 839 ArmourShield | 2 - 3 mils | 60% | N/A | N/A |

This system will provide maximum long term durability when removal of existing coating or sandblasting is not practical. Pressure washing is advisable to remove surface contaminants.

| Service Conditions | | | | | | |
|--------------------|----------------|-----------------------------|-----------------|----------------------|--------------------------|-----|
| Moderate | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Barrier Primer | Universal Primer 83040 | 1.5 - 2 mils | 40% | SP3 | SP3 |
| 2 | Alkyd Enamel | 74 / 76 / 111 Series Enamel | 1.5 - 2 mils | 38% | N/A | N/A |

This system provides an economical alternative when removal of existing coating or sandblasting is not practical. Pressure washing is advisable to remove surface contaminants.

Cold Weather Cure Epoxy

| Service Temperature |
|-----------------------|
| as low as -18°C (0°F) |

| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended |
|----------------|--------------------|-------------|-----------------|----------------------|--------------------------|
| 1 Epoxy Mastic | 83110 Clova Mastic | 6 - 10 mils | 80% | SP2/3 | SP6 |

This is a low V.O.C (173gm/l) high performance, surface tolerant mastic coating. It exhibits excellent chemical and rust inhibiting properties. Ideal for cold weather application, this product will cure at temperatures as low as -18°C (0°F). It can also be applied directly to steel where abrasive blasting is not practical.

Dry-Fall Epoxy / Urethane System

| Service Conditions |
|--|
| Mild - Moderate Atmospheric Conditions |

| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended |
|--------------------|-----------------------|------------|-----------------|----------------------|--------------------------|
| 1 Epoxy Primer | Dry Fall Epoxy Primer | 4 - 6 mils | 57% | SP6 | SP6 |
| 2 Acrylic Urethane | Dry Fall Urethane | 2 - 3 mils | 47% | N/A | N/A |

This series is a high performance two component epoxy / urethane system designed for dry-fall applications. The overspray will dry to a powder within 10-20 feet from the spray location, allowing painting to continue without getting paint overspray on nearby equipment, vehicles, or structures. The Dry-Fall Urethane series will give a high gloss finish with excellent durability, weathering, & gloss retention. The Dry-Fall Epoxy Primer is designed to be used in conjunction with the Dry-Fall Urethane. **Important Note:** To guarantee Dry-Fall properties, the Technical Data instructions must be followed.

Surface Tolerant Coatings

| Service Conditions | | | | | | |
|--------------------|--------------------------------------|-----------------|-----------------|----------------------|--------------------------|-------|
| Moderate - Severe | | | | | | |
| Product Type | Product | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Calcium Sulfonate Penetrating Sealer | ClovaCorr 83183 | Job Specific | 55% | SP1 | SP2/3 |
| 2 | Calcium Sulfonate Topcoat | ClovaCorr 83180 | 8 - 12 mils | 60% | N/A | N/A |

This is a surface tolerant system designed to be used in conjunction with each other or separately. The 83183 is a one component, surface tolerant, calcium sulfonate based penetrating sealer specifically designed to protect from corrosion and packout rust in areas such as joints, overlaps, connections, crevices and other areas of difficult access in steel structures. The 83180 is a Self-priming, surface tolerant, calcium sulfonate type topcoat, designed for the long term protection of aged galvanized and rusted steel. This is a high build coating designed specifically for use where only limited degrees of surface preparation can be achieved. ClovaCorr is a soft coating with excellent flexibility properties. Ideal for topcoating old lead-based paints which can not be removed for environmental reasons. This system is also approved by Alberta Transportation and the British Columbia Ministry of Transport. Recommended for Bridges, Power Transmission and Distribution Towers, Transformer Sub Stations, Steel Structures, Storage Tanks, Metal Buildings, Utility Towers and other applications.

Waterborne Low VOC Coatings - Primers

| Service Conditions | | | | | | | |
|--|-------------------------|-----------|------------|-----------------|----------------------|--------------------------|-----|
| Mild - Moderate Atmospheric Conditions | | | | | | | |
| Product Type | Product | VOC (g/L) | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Waterborne Alkyd | 70275 | 50 | 2 - 2.5 | 50% | SP2/3 | SP6 |
| 2 | Water Reduced Alkyd | 71331 | 350 | 1.5 - 2 | 27% | SP2/3 | SP6 |
| 3 | Acrylic EcoLogic Rustex | 70324 | 100 | 1.5 - 2 | 40% | SP2/3 | SP6 |

Contact your Cloverdale Paint Representative for a Primer recommendation for your application.

Waterborne Low VOC Coatings - Topcoats


| Service Conditions | | | | | | | |
|--|---------------------|------------|------------|-----------------|----------------------|--------------------------|-----|
| Mild - Moderate Atmospheric Conditions | | | | | | | |
| Product Type | Product | VOC (g/L) | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Water Reduced Alkyd | 702 Series | 350 | 1.5 - 2 | 27% | SP2/3 | SP6 |
| 2 | Waterborne Alkyd | 703 Series | 100 | 2 - 2.5 | 40% | SP2/3 | SP6 |
| 3 | Waterborne Acrylic | 704 Series | 198 | 2 - 2.5 | 36% | SP2/3 | SP6 |

All three of these topcoat series may be used in direct to metal applications. However increased corrosion protection will be obtained with the selection of a suitable primer. Contact a Cloverdale Paint Representative for a system recommendation.

| Service Conditions | | | | | | | |
|--------------------|---------------|-----------|------------|-----------------|----------------------|--------------------------|--------------|
| Mild - Moderate | | | | | | | |
| Product Type | Product | VOC (g/L) | DFT (mils) | % Volume Solids | Surface Prep Minimum | Surface Prep Recommended | |
| 1 | Acrylic Epoxy | 70503 | 150 | 1.5 - 2 | 36% | Job Specific | Job Specific |

EcoLogic Waterborne Epoxy is a two-component Acrylic Epoxy with a performance profile approaching that of conventional solvent-borne epoxies. This product features excellent gloss retention, yellowing resistance, low odour and low VOC's combined with good chemical, stain and solvent resistance. It also has excellent scrub and mar resistance. Approved by the Master Painter's Institute under category # 115. Available in full, semi and satin gloss finishes.

MPI Approved Products List - Industrial Coatings

| MPI# | Listing Manufacturer | Label | Product Name | Product Code | E Range | EPR | GPS-1 | GPS-2 |
|------|----------------------|------------------|--------------------------------------|--------------|---------|-----|-------|--|
| 4 | Cloverdale Paint | Premium Classic | Interior/Exterior Latex Block Filler | 05700 | 3 | | ✓ |  |
| 9 | Cloverdale Paint | Cloverdale | Gloss Marine Enamel | 111 Series | 1 | | | |
| 18 | Cloverdale Paint | High Performance | ClovaZinc 1 | 83001 | 0 | | | |
| 19 | Cloverdale Paint | High Performance | ClovaZinc 2 | 83002 | 1 | | | |
| 20 | Cloverdale Paint | High Performance | ClovaZinc 3 | 83003 | 2 | | | |
| 21 | Cloverdale Paint | High Performance | Heat Resistant Enamel | 832 Series | 1 | | | |
| 22 | Cloverdale Paint | High Performance | Hi Heat Aluminum | 83203 | 2 | | | |
| 25 | Cloverdale Paint | Cloverdale | ClovaClean | 78100 | 3 | | ✓ |  |
| 40 | Cloverdale Paint | Towerthon | Elastomeric Coating | 20150 | 2 | | ✓ | |
| 48 | Cloverdale Paint | Cloverdale | Gloss Marine Enamel | 11103 | 1 | | | |
| 62 | Cloverdale Paint | Flame Control | Fire Retardant Clear | 129/166 | 2 | | ✓ | |
| 63 | Cloverdale Paint | Flame Control | Flat Intumescent | 10/10 | 1 | | | |
| 72 | Cloverdale Paint | High Performance | ClovaThane | 834 Series | 2 | | ✓ | |
| 72 | Cloverdale Paint | Cloverdale | Gemini ArmourShield | 839 Series | 2 | | ✓ | |
| 76 | Cloverdale Paint | Cloverdale Paint | H.S. Non-Lifting Primer Red Oxide | 71046 | 2 | | | |
| 76 | Cloverdale Paint | Cloverdale Paint | H.S. Non-Lifting Primer Grey | 71044 | 2 | | | |
| 76 | Cloverdale Paint | Cloverdale Paint | Rustex Primer Yellow | 71025 | 2 | | | |
| 76 | Cloverdale Paint | Cloverdale Paint | Rustex Metal Primer | 71024/29/34 | 0 | | | |
| 76 | Cloverdale Paint | Cloverdale Paint | Q.D. Shop Primer Grey | 71019 | 2 | | | |
| 77 | Cloverdale Paint | High Performance | ClovaCoat 300 | 83300 | 1 | | ✓ | |

MPI Approved Products List - Industrial Coatings

| MPI# | Listing Manufacturer | Label | Product Name | Product Code | E Range | EPR | GPS-1 | GPS-2 |
|------|----------------------|------------------|---------------------------------------|---------------|---------|-----|-------|-------|
| 78 | Cloverdale Paint | ArmourShield | ArmourShield Clear Finish Coat | 83953A/83953B | 2 | | ✓ | |
| 78 | Cloverdale Paint | High Performance | ClovaThane Clear Coat | 83453 | 2 | | | |
| 79 | Cloverdale Paint | Cloverdale Paint | Metal Primer Grey | 71309 | 2 | | ✓ | |
| 79 | Cloverdale Paint | Cloverdale | Grey Dipping Primer | 71035 | 0 | | | |
| 79 | Cloverdale Paint | Cloverdale Paint | Metal Primer Red | 71307 | 0 | | | |
| 81 | Cloverdale Paint | Cloverdale | Semi-Gloss Speed Enamel | 76311 | 0 | | | |
| 82 | Cloverdale Paint | | ClovaGrip Anti-Slip Grey | 83365 | 1 | | | |
| 96 | Cloverdale Paint | Cloverdale | Speed Enamel | 76 Series | 1 | | | |
| 98 | Cloverdale Paint | High Performance | 300 Epoxy High-Gloss Enamel White | 83300 | 1 | | ✓ | |
| 101 | Cloverdale Paint | Cloverdale Paint | ClovaPrime 21 Epoxy Primer Grey | 83021 | 2 | | | |
| 107 | Cloverdale Paint | Performance Plus | EcoLogic Rustex Primer | 703 Series | 3 | 3 | ✓ | |
| 108 | Cloverdale Paint | High Performance | ClovaGuard | 83150 | 1 | | | |
| 109 | Cloverdale Paint | Flame Control | Clear Exterior Fire Retardant Coating | 10 | 3 | | ✓ | |
| 111 | Cloverdale Paint | Flame Control | Class B Fire Retardant Varnish | 129/130 | 1 | | | |
| 113 | Cloverdale Paint | Towerthon | Elastomeric Coating | 20150 | 2 | | | |
| 115 | Cloverdale Paint | Performance Plus | EcoLogic Waterborne Epoxy | 70503A/70503B | 2 | | ✓ | |
| 116 | Cloverdale Paint | High Performance | Epoxy Block Filler | 83065 | 1 | | | |
| 134 | Cloverdale Paint | Performance Plus | EcoLogic Rustex Primer | 703 Series | 3 | 3 | ✓ | |
| 215 | Cloverdale Paint | WeatherOne | EcoLogic Waterborne Epoxy Semi-Gloss | 70503A/70503B | 2 | | ✓ | |

CFIA Approved Products List - Industrial Coatings

The Canadian Food Inspection Agency has given a letter of no objection for use of the following products in Registered Establishments. Please note all of the uses are indirect contact.

| Product# | Product Name | Use | | | |
|-----------|---|------------|-------------------------------|--|------------|
| 03240 | Super Eggshell Latex White | d1, d2, d3 | 83100B | ClovaMastic Epoxy Mastic Activator | d1, d2, d3 |
| 03241 | Super Eggshell Latex Deep Base | d1, d2, d3 | 83110A | ClovaMastic Low Temperature Cure Epoxy - White | d1, d2, d3 |
| 03243 | Hi Hide Eggshell latex White | d1, d2, d3 | 83110B | ClovaMastic Low Temperature Cure Epoxy - Activator | d1, d2, d3 |
| 03244 | Super Eggshell Latex Clear Base | d1, d2, d3 | 83300 | Hi-Build Epoxy Enamel | d1, d2, d3 |
| 036XX | Kitchen & Bath | d1, d3 | 83400A | ClovaThane Acrylic Urethane Enamel White | d1, d2, d3 |
| 05130 | Acrylic Latex Primer | d1, d2, d3 | 83400B | ClovaThane Acrylic Urethane Enamel Activator | d1, d2, d3 |
| 05135 | Latex Dry Fall Semi Gloss | d1, d3 | 83401A | ClovaThane Acrylic Urethane Enamel Deep Base | d1, d2, d3 |
| 05137 | Latex Dry Fall Flat Black | d1, d3 | 83403A | ClovaThane Acrylic Urethane Enamel Clear Base | d1, d2, d3 |
| 05138 | Latex Dry Fall White | d1, d3 | 83453A | ClovaThane Acrylic Urethane Enamel Clear Coat | d1, d2, d3 |
| 05250 | Hi-Hide Latex Primer | d1, d2, d3 | 83700A | Armour Shield XP White | d1, d2, d3 |
| 05700 | Latex Block Filler | d1 | 83701A | Armour Shield Urethane Deep Base | d1, d2, d3 |
| 09100 | Hog & Dairy Enamel | d1, d2, d3 | 83703A | Armour Shield Urethane Clear Base | d1, d2, d3 |
| 09200 | Hog & Dairy Enamel | d1, d2, d3 | 83ARMB | Armour Shield Urethane Activator | d1, d2, d3 |
| 09300 | Hog & Dairy Enamel | d1, d2, d3 | 83800A | Acrylic Epoxy Enamel White | d1, d2, d3 |
| 11101 | Marine Enamel Deep Base | d1, d2, d3 | 83800B | Acrylic Epoxy Enamel Activator | d1, d2, d3 |
| 11103 | Marine Enamel White | d1, d2, d3 | 83803A | Acrylic Epoxy Enamel Clear | d1, d2, d3 |
| 11104 | Marine Enamel Clear Base | d1, d2, d3 | 83953A | Armour Shield Clearcoat | d1, d2, d3 |
| 12480 | Urethane Floor Enamel White | d1, d2, d3 | 86850A | DuraPrime Polyamide Epoxy Primer Grey | d1, d2, d3 |
| 13183 | Alkyd Dry Fall Enamel White | d1 | 86850B | DuraPrime Epoxy Primer Activator | d1, d2, d3 |
| 13453 | Melamine Alkyd Enamel White | d1, d2, d3 | 87400A | DuraGloss Urethane Enamel White | d1, d2, d3 |
| 15197 | Rustex Primer Red Oxide | d3 | 87400B | DuraGloss Urethane Activator | d1, d2, d3 |
| 18100 | Dairy White Enamel | d1, d2, d3 | A70000 | Advantage 700 Epoxy Concrete Sealer | d2 |
| 20-150 | Towerthon Elastomeric Coating | d1, d3 | A700B | Advantage 700 Curing Agent | d2 |
| 20-200 | Towerthon II | d1, d3 | A70100 | Advantage 701 High Solids Epoxy Concrete Sealer | d2 |
| 43051 | Super Acrylic II Eggshell Enamel | d1, d2, d3 | A701B | Advantage 701 Curing Agent | d2 |
| 44051 | Super Acrylic II Semigloss Enamel | d1, d2, d3 | A72277 | Advantage 722 Standard Grey | d2 |
| 70275 | Ecoprime Shop Primer Grey | d1, d3 | A722B | Advantage 722 Curing Agent | d2 |
| 70324 | EcoLogic Rustex Primer Grey | d1, d3 | A72577 | Epoxy Resurfacer Grey | d2 |
| 70327 | Grey Waterborne Shop Primer | d1, d2, d3 | A725B | Epoxy Activator | d2 |
| 70329 | Ecologic Rustex Primer Red | d1, d3 | A75000 | Advantage 750 Joint & Crack Filler | d2 |
| 70503 (A) | EcoLogic W/B Epoxy White "A" Base | d1, d2, d3 | A750B | Advantage 750 Curing Agent | d2 |
| 70503 (B) | EcoLogic W/B Epoxy Gloss "B" Activator | d1, d2, d3 | A75277 | Advantage 752 Standard Grey | d2 |
| 70504 (B) | EcoLogic W/B Epoxy Semi-Gloss "B" Activator | d1, d2, d3 | A752B | Advantage 752 Curing Agent | d2 |
| 70505 (B) | EcoLogic W/B Epoxy Satin "B" Activator | d1, d2, d3 | T99 | Shop Metal Primer Q.D. - Grey | d1, d2, d3 |
| 706XX | EcoLogic Water-Borne Acrylic Enamels | d1, d3 | T101Q2 | QD Dark Grey Metal Primer | d1, d2, d3 |
| 71024 | Rustex Primer Grey | d1, d2, d3 | T113 | Ind. Q. D. Non-Lifting Phenolic Primer | d3 |
| 71029 | Rustex Primer Red Oxide | d1, d2, d3 | T6850 | Polyamide Epoxy Primer Grey | d3 |
| 71035 | Grey Dipping Primer | d1, d2, d3 | T7400 | Series Hi-Build Urethane Enamels | d3 |
| 71039 | Grey Shop Primer | d1, d2, d3 | T8250 | Hi-Build Hi-Solids Epoxy | d1, d2, d3 |
| 71044 | HS Non-Lifting Primer Grey | d1, d3 | 844 Colorants: | TW, QR, MO, UO, RO, YO, CY, MY, PG, PB, LB, QV, OY | d1, d2, d3 |
| 71046 | HS Non-Lifting Primer Red Oxide | d1, d3 | Colorizer | | |
| 71309 | Metal Primer Grey | d1, d2, d3 | Colorants: | AXN, B, C, D, E, F, I, KX, L, M, S, T | d1, d2, d3 |
| 71358 | Red Oxide Dipping Primer | d1, d2, d3 | | | |
| 74001 | Industrial Enamel Deep Base | d1, d2, d3 | NSP Specialty Products | | |
| 74002 | Industrial Enamel Clear Base | d1, d2, d3 | NSP 152PL | Pro Line Industrial/Commercial Floor Coating | d2 |
| 74811 | Industrial Enamel White Base | d1, d2, d3 | NSP 122 | Industrial Floor Coating | d2 |
| 76001 | Speed Enamel Deep Base | d1, d2, d3 | NSP 120 | High Performance Epoxy Coating | d3 |
| 76002 | Speed Enamel Clear Base | d1, d2, d3 | | | |
| 76811 | Speed Enamel White Base | d1, d2, d3 | | | |
| 83040 | C-113 Phenolic Primer Non-lifting | d1, d2, d3 | | | |
| 83100A | ClovaMastic Epoxy Mastic White | d1, d2, d3 | | | |

Surface Preparation Standards

You should always designate the degree of surface preparation required for the materials you are using. The basic standards for preparing metal substrates are a joint effort between the Society for Protective Coatings (SSPC) and the National Association of Corrosion Engineers International (NACE).

SSPC-SP1 Solvent Cleaning

Removal of all visible oil, grease, soil, drawing and cutting compounds, and other soluble contaminants from steel surfaces with solvent, vapor, cleaning compound, alkali, emulsifying agent, or steam.

SSPC-SP2 Hand Tool Cleaning

Removes all loose mill scale, loose rust, loose paint, and other loose detrimental foreign matter by hand chipping, scraping, sanding, and wire brushing.

SSPC-SP3 Power Tool Cleaning

Removes all loose mill scale, loose rust, loose paint, and other loose detrimental foreign matter by power wire brushing, power sanding, power grinding, power tool chipping, and power tool descaling.

SSPC-SP5 / NACE 1 White Metal Blast Cleaning

When viewed without magnification, the surface shall be free of all visible oil, grease, dust, dirt, mill scale, rust, coating, oxides, corrosion products and other foreign matter.

SSPC-SP6 / NACE 3 Commercial Blast Cleaning

When viewed without magnification, the surface shall be free of all visible oil, grease, dust, dirt, mill scale, rust, coating, oxides, corrosion products and other foreign matter of at least 66-2/3% of unit area, which shall be a square 3 in. x 3 in. (9 sq. in.). Light shadows, slight streaks, or minor discolorations caused by stains of rust, stains of mill scale, or stains of previously applied coating in less than 33-1/3% of the unit area is acceptable.

SSPC-SP7 / NACE 4 Brush-Off Blast Cleaning

When viewed without magnification, the surface shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust, and loose coating. Tightly adherent mill scale, rust, and coating may remain on the surface. Mill scale, rust, and coating are considered tightly adherent if they cannot be removed by lifting with a dull putty knife.

SSPC-SP10 / NACE 2 Near-White Blast Cleaning

When viewed without magnification shall be free of all visible oil, grease, dust, dirt, mill scale, rust, coating, oxides, corrosion products and other foreign matter of at least 95% of each unit area. Staining shall be limited to no more than 5 percent of each unit area, and may consist of light shadows, slight streaks, or minor discolorations caused by stains of rust, stains of mill scale, or stains of previously applied coatings. Unit area shall be approximately 3 in. x 3 in. (9 sq. in.).

Surface Preparation Standards

SSPC-SP11 Power Tool Cleaning to Bare Metal

When viewed without magnification, the surface shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products, and other foreign matter. Slight residues of rust and paint may be left in the lower portion of pits if the original surface is pitted. The surface profile shall not be less than 1 mil (25 microns).

SSPC-SP12 / NACE 5 Surface Preparation and Cleaning of Steel and Other Hard Materials by High- and Ultra High- Pressure Water Jetting Prior to Recoating

This standard requires water jetting at high- or ultra high-pressure to prepare a surface for recoating using pressure above 10,000 psi. Water jetting will not produce a profile; rather, it exposes the original abrasive-blasted surface profile. Water jetting shall be performed to meet four conditions: WJ-1, WJ-2, WJ-3, and WJ-4, and a minimum acceptable surface shall have all loose rust, loose mill scale, and loose coatings uniformly removed.

SSPC-SP13 / NACE 6 Surface Preparation of Concrete

Provides requirements for surface preparation of concrete by mechanical, chemical, or thermal methods prior to the application of bonded protective coating or lining systems.

SSPC-SP14 / NACE 8 Industrial Blast Cleaning

Removal of all visible oil, grease, dust and dirt, when viewed without magnification. Traces of tightly adherent mill scale, rust, and coating residues are permitted to remain on 10% of each unit area of the surface if they are evenly distributed. Shadows, streaks, and discoloration caused by stains of rust, stains of mill scale, and stains of previously applied coating may be present on the remainder of the surface.

The Industrial Protective Coatings Division of Cloverdale Paint Inc.

Cloverdale Paint manufactures and distributes protective coatings for use in the Oil & Gas, Pulp & Paper, Petro-Chemical, Mining, Forestry and other industrial environments including OEM Markets. The company has grown and positioned itself as Canada's largest, privately owned coatings manufacturer and one of North America's leading regional producers. One of the cornerstones of the company's success has been its key focus on high performance corrosion resistant protective and maintenance industrial products.



Manufacturing and Distribution

Cloverdale Paint owns and operates 4 regional manufacturing facilities and distributes its coatings through over 100 company owned wholesale outlets. What this means to you is that Cloverdale's industrial and protective coatings are readily available and easy to acquire.

Research and Development / Quality Control

Continued growth and success requires a commitment to keeping abreast with and using the industries latest technologies to develop new and improved coatings. Cloverdale employs world class chemists and technicians to develop leading products and coatings systems.

Global Organizations

Cloverdale participates in several coatings associations including NOVA, an organization providing a framework within which leading global coatings manufacturers exchange technology and expertise in maintaining leading edge product development positioning.



Cloverdale's industrial plants are ISO Certified and committed to maintaining a standard of excellence, continuous improvement and consistency in quality performance.

Largest NACE Certified Sales Force in Western Canada

Developing a knowledgeable sales and service team is how we provide best value to our customers. Cloverdale sponsors all their Industrial Division Representatives in NACE (National Association of Corrosion Engineers) certification education programs. Cloverdale industrial professionals are NACE Certified coatings inspectors, the highest recognition the organization offers.

This means Cloverdale industrial and protective coatings specifiers and users receive more than the quality "coating in the can", they get the problem solving abilities of an educated NACE Certified Specialist who can provide solutions and coating recommendations for all industrial applications.





The Industrial Protective Coatings Division of Cloverdale Paint Inc.

Cloverdale Paint manufactures and distributes protective coatings for use in the Oil & Gas, Pulp & Paper, Petro-Chemical, Mining, Forestry and other industrial environments including OEM Markets. The company has grown and positioned itself as Canada's largest, privately owned coatings manufacturer and one of North America's leading regional producers. One of the cornerstones of the company's success has been its key focus on high performance corrosion resistant protective and maintenance industrial products.

Cloverdale Industrial Coatings
Unit 103-18770 96th Avenue,
Surrey, British Columbia V4N 3R1
604-513-3143

Cloverdale Industrial Coatings
1668 Nicholson Street,
Prince George, British Columbia V2N 1V6
250-563-7588

Cloverdale Industrial Coatings
1950 B Springfield Road,
Kelowna, British Columbia V1Y 7R8
250-861-3375

Cloverdale Industrial Coatings
4128 Mostar Road,
Nanaimo, British Columbia V9T 5V9
250-758-4140

Cloverdale Industrial Coatings
16411-118th Avenue,
Edmonton, Alberta T5V 1H2
780-453-5700

Cloverdale Industrial Coatings
Unit #6, 4200-46 Avenue SE,
Calgary, Alberta T2B 3N7
403-236-4777

Cloverdale Industrial Coatings
Bay 3, 7667-50 Avenue,
Red Deer, Alberta T4P 1M6
403-343-2040

Cloverdale Industrial Coatings
2902 Miners Avenue,
Saskatoon, Saskatchewan S7K 4Z7
306-653-7205

Cloverdale Industrial Coatings
535A Park Street,
Regina, Saskatchewan S4N 5B2
306-522-9151

Cloverdale Industrial Coatings
740 Nairn Ave.,
Winnipeg, Manitoba R2L 0X7
204-958-5450

Guertin Coatings
50 Panet Road,
Winnipeg, Manitoba R2J 0R9
204-237-0241

Cloverdale Industrial Coatings
7519 Boulevard Henri Bourassa East,
Montreal, Quebec H1E 1N9
514-881-0339

Serif Coatings & Chemicals Inc.
1235 Cardiff Boulevard,
Mississauga, Ontario L5S 1P8
905-564-1023

