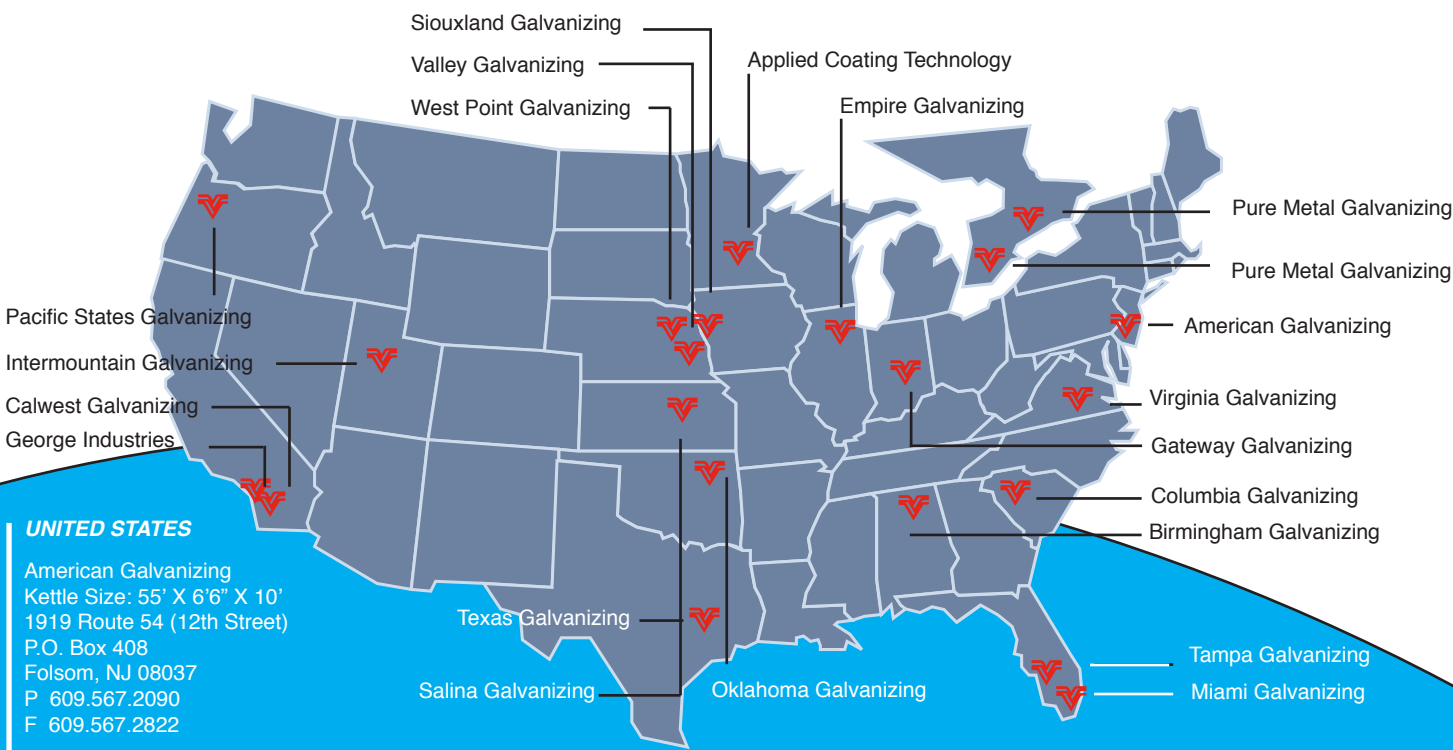


VALMONT COATINGS LOCATIONS MAP



UNITED STATES

American Galvanizing
Kettle Size: 55' X 6'6" X 10'
1919 Route 54 (12th Street)
P.O. Box 408
Folsom, NJ 08037
P 609.567.2090
F 609.567.2822

Applied Coating Technology
Powder Coating, e-Coating
2411 Pilot Knob Road
Mendota Heights, MN 55120
p 1.651.454.7777
f 1.651.454.0043

Birmingham Galvanizing
Kettle Sizes: 58' x 7'2" x 9' &
20' x 4'1" x 5'3"
475 Dietrich Rd
Steele, AL 35987
p 1.205.594.5555
f 1.205.594.3500

Calwest Galvanizing
Kettle Size: 60' x 6' x 10'
2226 East Dominguez Street
Long Beach, CA 90810
p 1.310.549.2200
f 1.310.513.6741

Columbia Galvanizing
Kettle Size: 35' x 6' x 9'
1445 Old Dunbar Rd
West Columbia, SC 29172
p 1.803.755.2550
f 1.803.755.3155

Empire Galvanizing
Kettle Size: 52' x 4'8" x 6'
10909 Franklin Avenue
Franklin Park, IL 60131-1472
p 1.847.455.0884
f 1.847.455.0889
p 1.773.625.0354
(Chicago Direct Line)

Gateway Galvanizing
Kettle Size: 44' x 6'6" x 7'6"
1117 Brown Forman Road
Jeffersonville, IN 47130
p 1.812.284.5241
f 1.812.284.5257

George Industries
Anodizing, Powder Coating
4116 Whiteside Street
Los Angeles, CA 90063
p 1.323.264.6660
f 1.323.263.9342

Intermountain Galvanizing
Kettle Size: 46' x 6' x 6'
1085 West 400 North
Lindon, UT 84042
p 1.801.785.7200
f 1.801.785.7009

Miami Galvanizing
Kettle Size: 35' x 6' x 9'
3350 NW 119th St
Miami, FL 33167
p 1.305.681.8844
f 1.305.681.1861

Oklahoma Galvanizing
Kettle Sizes: 60' x 6' x 7'6" &
58' x 7'6" x 10'
25055 Alliance Drive
Claremore, OK 74017
p 1.918.266.2800
f 1.918.266.0614

Pacific States Galvanizing
Kettle Size: 44' x 5'3" x 8'9"
9700 Southwest Herman Road
Tualatin, OR 97062
p 1.503.692.8888
f 1.503.612.0592

Salina Galvanizing
Kettle Size: 55' x 10'6" x 12'
1100 North Ohio Street
Salina, KS 67401
p 1.785.452.9630
f 1.785.452.9789

Siouxland Galvanizing
Kettle Size: 31' x 6' x 5'
2301 Bridgeport Drive
Sioux City, IA 51111
p 1.712.252.4101
f 1.712.252.2792

Tampa Galvanizing
Kettle Size: 42' x 6' x 9'
9520 E Broadway Ave
Tampa, FL 33619
p 1.813.621.8990
f 1.813.622.8950

Texas Galvanizing
Kettle: 54' x 8'3" x 10'6"
2569 Valmont Drive
Brenham, TX 77833
p 979.277.3359
f 979.836.4415

Valley Galvanizing
Kettle Size: 58' x 7'2" x 8'6"
7002 North 288th Street
Valley, NE 68064
p 1.402.359.2201
f 1.402.359.5907

Virginia Galvanizing
Kettle Size: 50' x 6' x 9'
3535 Halifax Rd
Petersburg, VA 23805
p 1.804.733.0808
f 1.804.733.2274

West Point Galvanizing
Kettle Size: 30'x 8'6" x 10'
1700 South Beemer Street
West Point, NE 68788
p 1.402.372.3706
f 1.402.372.6908

CANADA

Pure Metal Galvanizing
Kettle Size: 45' x 6'6" x 9'9"
30' x 4'4" x 6'
16' x 4' x 5'
32 Bodine Drive
Brantford, ON N3R 7M4
p 519.758.5505
tf 1.866.758.5505
f 519.758.0151

Pure Metal Galvanizing
Kettle Size: 52' x 4'4" x 6'
and 20' x 5' x 7' deep
7470 Bren Rd
Mississauga, ON L4T 1H4
p 905.677.7491
tf 1.866.677.7491
f 905.677.8941

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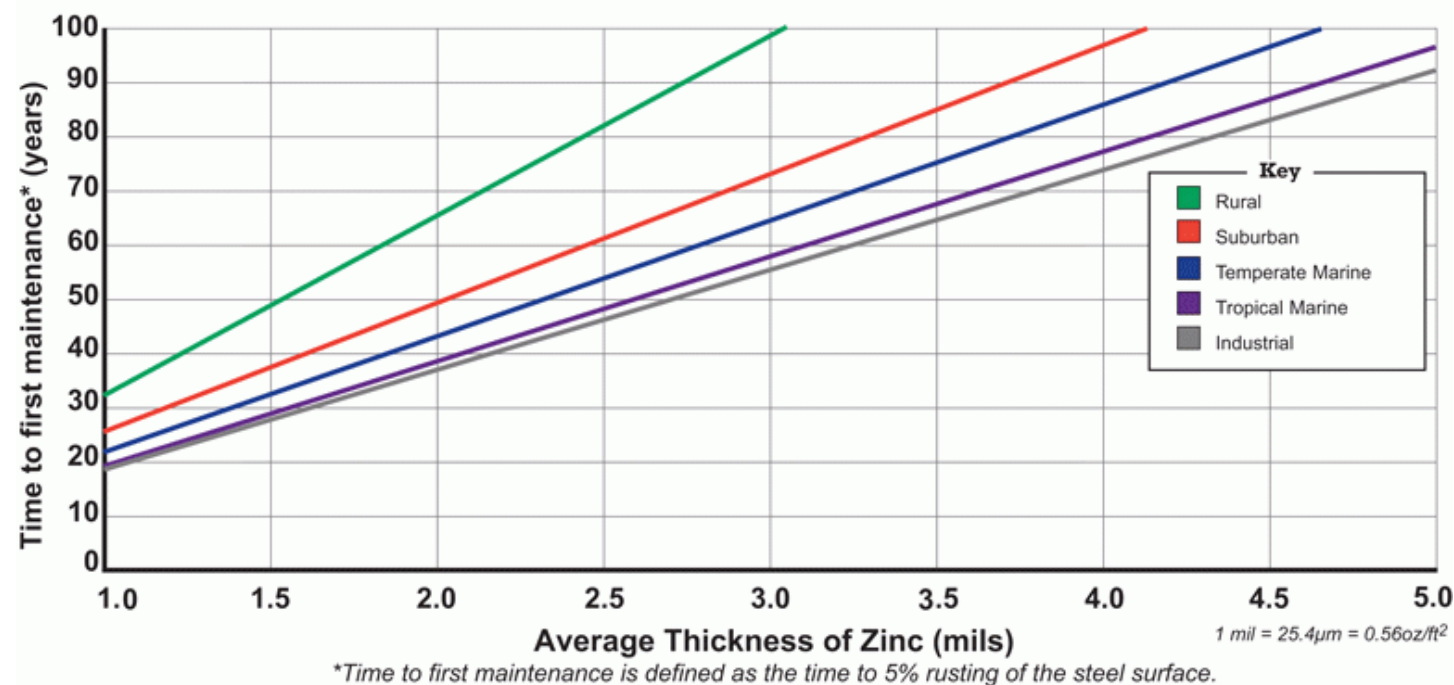
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COATINGS

100-Year Bridges:
Design Practices and Performance
Benefits of Hot-Dip Galvanized Steel



Sullivan County Bridge, Fallsburg, NY
Valmont American Galvanizing



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- Lifting Capacity of 100 Tons

Case Studies find Steel Bridges Saves 25% Over Concrete Precast Bridges

- Steel bridges do not require the heavier equipment that's needed for heavier concrete bridge girders.
- Galvanized steel I-beam bridges have the lowest initial cost and life cycle cost compared to concrete bridges.
- Galvanized steel bridges offer accelerated fabrication, 40% LESS construction time, reducing expensive down time for residents and business.
- Little to no maintenance cost for the first 50 years with regard to the Hot-Dip Galvanized Superstructure.



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www.eSpan140.com



Duplex System is formed by painting or powder-coating over hot-dip galvanized steel. This process not only enhances the aesthetic value of the bridge, but also increases the corrosion protection by 1.5-2.3 times the sum of the expected life of each system.



Case Study: Sterns Bayou Bridge

Ottawa County, MI United States

This is believed to be the first fully galvanized bridge in the United States. Galvanized and installed in 1966, this county bridge measures 420 ft. (128 m) long with a 30-foot clear roadway and a five-foot walkway along each side. All the steel was galvanized including the handrail, diaphragms, fasteners, shear connectors, and beams - some with 30-inch wide flanges, weighing between 99 and 108 pounds per foot. All steel used to erect the Stearns Bayou Bridge has no signs of rusting or staining, and is in excellent shape. The average mil thickness is 4.7 (160µm). Projected life expectancy to first maintenance is 106 years for the principal steel and 44 years for the handrail.



Details:

Year Galvanized
Sectors
Location
Environment

1966
Bridge & Highway
Ottawa County, MI United States
Rural

The majority of the steelwork is six feet above a fresh water river in a rural location. Traffic is light to moderate. The entire bridge is subject to winter salting.



At the 2016 inspection, all beams and diaphragms were in very good shape and showed no signs of rusting or staining. The average mil thickness was 4.7. All bolted connections looked good and showed no signs of rust. Bearing pads and expansion areas subject to salt and standing water had an average coating of 2.9 mils.

Projected life expectancy was 106 years for the principal steel.