



Zinc Metallizing Standards

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| • Flexibility conical mandrel | D522 |
| • Pencil hardness test | D3363 (H- 2H) |
| • Impact resistance test | D2794 |
| • Overbake resistance test | D2454 |
| • Abrasion resistance test | D4060 (Mod) |
| • Humidity resistance test | D2247 |
| • Weatherability test | D822 |
| • Optimal adhesion according to | ASTM D4541 |
| • Exceeds environmental cycling testing as per | ASTM D1735 |
| • Superior corrosion protection in accordance with | ASTM G85 |

Avant Guards Coatings is a proud member of the **The Society of Protective Coatings (SSPC)**.
Avant Guards Coatings thermal spray supervisors are certified in **MIL STD- 2138 SH**.



Powder Coating Standards

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| • Aluminum Corrosion Resistance – Humidity Resistance 3000 Hrs | ASTM D 2247 |
| • Aluminum Salt Spray Resistance – 3000 hrs | ASTM B 117 |
| • Steel Salt Spray Resistance – 3000 hrs | ASTM 117– 90 |
| • Cross Hatch Adhesion | ISO 2409/ ASTM D 3359 |
| • Mandrel Bending Test | ISO 1519/ ASTM D 522 |
| • Impact Test 1/10 in. Distortion | ISO 6272/ ASTM D 2794– 90 |
| • Cupping Test | ISO 1520 |