



| <b>POWDER COATING</b>                                                               | <b>LIQUID PAINTING</b>                                                                   |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Application of a single coat can produce a thickness of 2-4 mils (50-100 µm).       | Application of a single coat can only produce film thickness of 1.2 mils (30 µm) or less |
| Dry Film Thickness above 2.5 mils has excellent mechanical properties               | Dry Film Thickness above 2.5 mils the mechanical properties will decline                 |
| Optimum results after application of single coat.                                   | Multiple coats are required to achieve required film thickness.                          |
| Excellent mechanical properties because of "Crosslinking process / polymerization." | "Inferior" mechanical properties.                                                        |
| Excellent edge coverage – less touch-up cost.                                       | Poor edge coverage.                                                                      |

### **Typical Powder Coating Applications**

|                            |                        |                       |                       |
|----------------------------|------------------------|-----------------------|-----------------------|
| Architectural Applications | Construction Industry  | Lighting Fixtures     | Park Furniture        |
| Playground Equipment       | Garage Doors           | Stadium Seating       | Fencing/Railing       |
| Defense Industry           | Automotive Equipment   | Marine Industry       | Agriculture Equipment |
| Sports Equipment           | Recreational Equipment | Lawn/Garden Equipment | Window/Door Frames    |

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