# MF 2204

## 5/05 Specification Sheet

<table>
<thead>
<tr>
<th>MF2204</th>
<th>Color Selection:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Black - Green - Yellow</td>
</tr>
<tr>
<td></td>
<td>Beige - Brown - Red</td>
</tr>
<tr>
<td></td>
<td>Burgundy - Blue</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size:</td>
<td>74&quot; x 28 1/2&quot; x 38 1/2&quot;</td>
</tr>
<tr>
<td>Weight:</td>
<td>255 lbs</td>
</tr>
<tr>
<td>Features:</td>
<td>Arched back with center armrest.</td>
</tr>
<tr>
<td>Seat:</td>
<td>1/4&quot; x 1 1/2&quot; hot rolled steel</td>
</tr>
<tr>
<td>Arms/Legs:</td>
<td>5/8&quot; x 2&quot; hot rolled steel</td>
</tr>
<tr>
<td>Anchoring:</td>
<td>Optional per request.</td>
</tr>
</tbody>
</table>

## Metal Form Flat Steel Specifications

### Finish Specification

**Metal Armor Coating Performance Properties**

Thermoplastic functional polyethylene copolymer-based coating

Coverage: 20mils minimum

- **Flexibility:** 1/8", no cracks
- **Adhesion:** >1000 psi/(5A)
- **Impact Resistance:** >384 in/lbs
- **Gloss:** At 60 degrees – 35-60
- **Delta Shift:** 1.77
- **Hardness:** Shore D-48
- **Taber Abrasion:** 90 mg loss - CS10 wheel  
  100 mg loss – CS17 wheel
- **Salt Spray Resistance:** >4000 hrs
- **Humidity Resistance:** No blistering or loss of光泽 after 1000 hrs
- **Smoke Development:** 10 Flame spread index  
  10 Smoke developed index
- **Chip Resistance:** 8A

**Environmental**

- **VOC Content:** 0, 100% solids

**Special Approvals**

FDA approved for direct food contact and has USDA compliance for use within the product zone applications.

**Health**

- **NFPA Classification:**
  - Flammability: 1
  - Health: 0
  - Reactivity: 0
1.1 SUMMARY
A. Section includes: Furnish Metal-Form benches on drawings or specified herein.

1.2 REFERENCES
A. American Society for Testing & Materials
   1. ASTM-D533 ASTM-D4541 ASTM-D3359 ASTM-2794
   2. ASTM-D523 ASTM-4060 ASTM-B117 ASTM-D2247
   3. ASTM-E84 ASTM-D3170 ASTM-A569 ASTM-B6
   4. ASTM G26 ASTM-A569/A569M

1.3 SUBMITTALS
A. Submit product data, shop drawings and samples.
   1. Product Data: Manufacturer’s specifications and technical data edited specifically for proposed product, including the following specific information:
      a. Detailed specification of construction fabrication.
      b. Manufacturer’s installation instructions
      c. Product warranty
   B. Shop Drawings: Indicate pertinent dimensions, general construction, component connections, anchoring methods, hardware and installation procedures.
   C. Samples as requested by Architect.

1.4 QUALITY ASSURANCE
A. Qualifications of Manufacturer: Manufacturer to be prequalified by specifier prior to bidding. Failure to comply will result in disqualification of bid. Manufacturer to have at least three years experience in the manufacture of thermo plastic coated steel site furnishings field proven for at least three years.

B. Warranty: 5 Years - Metal Armor Coated Products

1.5 MANUFACTURERS
A. Acceptable manufacturer for thermo plastic coated steel site furnishings to be known as:
   Wausau Tile, Inc. Metal-Form Division
   PO Box 1520
   Wausau, WI 54402-1520
   (800) 446-8020 FAX (715) 355-4627

B. Clarification Note: Drawings and installation specifications are based on manufacturers proprietary literature from Wausau Tile, Inc., Metal-Form Division. Other manufacturers shall comply with minimum levels of material and detailing indicated on drawings or specified herein.