Perimeter control for residential, commercial, industrial, parks and school fencing needs.

1. Being 100% vertically integrated, Deacero is able to control each step of the manufacturing process to ensure the highest quality:

   a) Melting: raw steel is obtained from steel scrap, contributing to a sustainable environment and keeping up with the company's initiative. Meets ASTM A-510.

   b) Drawing: in this process wires are manufactured under a specified diameter and maintained within an acceptable range variation, using Deacero’s state of the art technology. Meets ASTM A-510.

   c) Galvanization: wires are covered with a heavy zinc coat for high corrosion resistance. Meets ASTM A-641

   d) Welding and V-brace forming: wires are smoothly and uniformly welded using the most advanced technology. Next, welded wire panels will go through the bending process where they get the V-brace shape for lateral strength.

   e) Powder Coating: Using state of the art technology, panels are then smoothly and uniformly powder coated following the next steps:

      1. Pre-treatment: dirt and scrap are removed using a bio-degradable degreaser under determined density levels, temperature and spray pressure in order to get a clean and smooth wire surface.

      2. Phosphate: Improves bonding of the powder to the metal giving it excellent adherence and also increases corrosion resistance.

      3. Powder coating: A high technology spray nozzels charged powder particles forming a cloud, then product is passed through it and particles are attracted to its surface. All done in cabins where relative humidity and temperature are perfectly controlled.

      4. Curing: Using intense heating the powder melts and forms a uniform film, then is cooled for coating hardening.

DMF Classic - Technical Description

Having a vertically integrated manufacturing process offers the following advantages:

a) High corrosion resistance (3 protective coatings: zinc, phosphate and powder coating).
b) Significant UV resistance.
c) V-brace system for superior lateral strength.
d) Easy to install with its patented steel bracket.
e) Sustainable product, manufactured with bio-degradable products and non-toxic components such as degreaser and electrostatic paint free of TGIC (Triglycidyl isocyanurate).

Deacero has two testing laboratories with state of the art technology to guarantee the highest quality on DMF products.

1. Galvanization laboratory:
Deacero has the test equipment necessary to guarantee the following mechanical and chemical product features related to the galvanization process.

Tensiometer:

Chemicals laboratory:

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2. Powder coating laboratory
Deacero has the test equipment necessary to guarantee the following mechanical, manufacturing and weather resistance product features related to the powder coating process.

**Mechanical tests**
- ASTM 552 (bending machine)
  - FLEXIBILITY
- ASTM 3359-97
  - ADHERENCE
- ASTM 3363-92a (H-2H)
  - PENCIL HARDNESS
- ASTM 522
  - IMPACT RESISTANCE

**Product manufacturing control tests**
- ASTM 552
  - FURNACE TEMPERATURE MONITORING
- ASTM D-7091
  - THICKNESS
- ASTM 523-89
  - BRIGHTNESS
- ASTM D2244-93 CIELab D6510°
  - COLOR

**Weather resistance test**
- Q-UV TEST ASTM G 154-01
- SALT SPRAY TEST ASTM B 117-97

With this equipment DMF controls and ensures the product meets or exceeds the required standards.
DMF Classic - Technical Description

DMF is manufactured under a tight quality control process from raw materials selection, wire gauges and zinc coating specifications to powder coating treatment.

Manufactured in compliance with wire rod, drawing, galvanization and electro welding standards to guarantee structural resistance and high product quality. Having a wire diameter of 0.192" and panels of 8’ length, DMF provides a standardized and easy to install product.

For further details consult DMF installation manual

<table>
<thead>
<tr>
<th>FENCE HEIGHT (ft)</th>
<th># OF V-BRACES</th>
<th># OF STEEL BRACKETS PER PANEL</th>
<th>STEEL BASE</th>
<th>POST CEMENTATION</th>
<th>POST HEIGHT (ft)</th>
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<td>4</td>
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<td>6</td>
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<td>10</td>
<td>NOT AVAILABLE</td>
<td>3ft</td>
<td>11</td>
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</tbody>
</table>

For further details consult DMF installation manual

DMF post 2"x2" & 2 1/4" x 2 1/4" are 16 gauge and DMF posts that are 3"x3" are 11 gauge, are manufactured in accordance with ASTM A-513 to guarantee the required structural dimensions, and under ASTM A-653 to guarantee a thickness of Zinc G90 which equals to 0.8 oz/ft² considering both post sides.
DMF CLASSIC PANEL SPECIFICATIONS

8 x 8ft

8 x 6ft

8 x 5ft

8 x 4ft

8 x 2ft

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DMF installation is fast, easy, adaptable and strong. One steel bracket can either hold a fence panel straight or at an angle.

**DMF Steel bracket**

Stainless steel bolt

Stainless steel nut

Stainless steel fastener

Steel bracket

**Assembling system**

Post cap

Designmaster Fence

Stainless steel bolt

Stainless steel fastener

Steel bracket

PTR 2"x2" or 2 1/4" x 2 1/4" Gauge 16 or 3"x3" Gauge 11
Stainless steel plate
The ideal solution for installing on existing concrete surface. The steel plate includes all mounting hardware need for installation.

Single clamp
Single clamp can be used for the following:
1. In a situation that an end post cannot be installed and last side on the final fence panel need to be attached
2. To anchor barbed wire or razor wire to the 45° extension on fence posts with that option.
Post with 45° extension & extra security alternatives

1. Install a 2’ DMF panel on a 45° post extension
A 2’ DMF fence panel is secured to the post extension with the same steel brackets used on the fence post.

2. Install barbed wire or razor wire on a 45° post extension
Barbed wire strands, either high or low tensile, are secured to the post extension using single clamps, fasteners and hexagonal head bolts.
* Please note the following represent gates purchased from Deacero. Gates purchased from other Deacero approved vendors may vary in design.

DMF Classic - Reference Drawing on Installation for Reinforced Swing Gates

DMF Classic - Reference Drawing on Installation for Standard Sliding Presentation

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## COLORS CATALOG

<table>
<thead>
<tr>
<th>Color</th>
<th>Description</th>
<th>RAL</th>
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