



# TangoRail<sup>®</sup>

*Self Adjusting Ornamental Steel Fence*



FENCE SOLUTIONS IN ORNAMENTAL • CHAIN LINK • WOOD • PVC • ACCESS CONTROL • TEMPORARY

[WWW.MERCHANTSMETALS.COM](http://WWW.MERCHANTSMETALS.COM) 866-888-5611



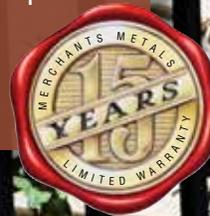
**Merchants Metals<sup>®</sup>**  
*the first name in fence solutions*

## Self Adjusting Steel Fence Systems

TangoRail® self adjusting steel fence system is a revolutionary product that provides the perfect balance of strength, beauty and versatility.

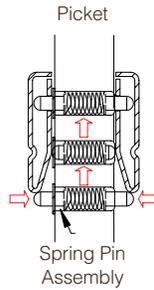
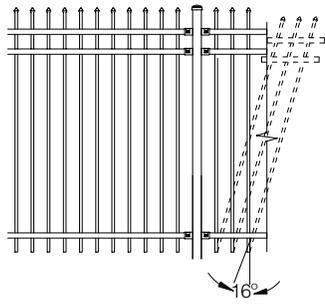
Designed with a unique and patented pin-lock system, TangoRail® easily adjusts to changes in ground elevations and the internal fastening system offers the added benefit of no visible fasteners from either side of the fence.

TangoRail® is manufactured using pre-galvanized steel which creates an added layer of protective coating. The rails, pickets and posts are sent through our state-of-the-art powder coating line where the galvanized material is coated with a zinc rich primer and TGIC polyester top coat. This process produces long lasting beauty and maintenance-free enjoyment for years to come.

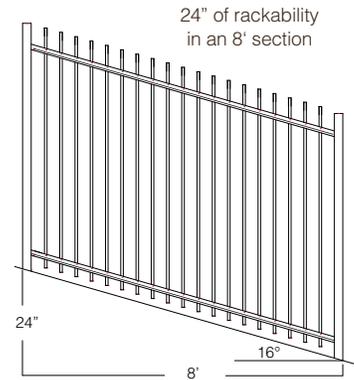


## TangoRail® Rackability

TangoRail® is designed with a unique pin-lock system for joining pickets to rails, allowing the panels to easily accommodate changes in elevation.



Patent No.:  
US 6,631,887  
Additional  
Patent Pending



Patented High-Security  
Bracket

Advanced  
powder coating  
adds a beautiful  
finish which also  
protects against  
the elements

Each picket is  
securely fastened on  
both inner sides of  
the rail for increased  
shear strength and  
holding power

Galvanized  
double wall  
steel channel  
adds strength  
and durability

### Color Options

The TangoRail® fence system  
comes in a variety of color  
options to meet your needs.

BLACK

WHITE

ALMOND

BROWN

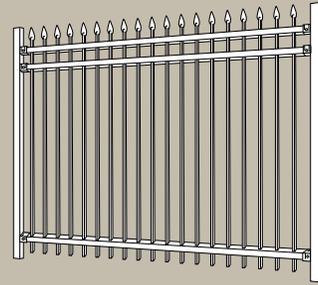
GREEN

BRONZE

## TANGORAIL® FEATURES

- 24 inches of rackability in an 8 ft. section
- No visible fasteners
- Easily accommodates changes in elevation
- Fully assembled panels
- Durable powder coat finish
- Galvanized steel components
- Designed and engineered for increased strength and rigidity
- 3/4 x 16 ga. picket size
- 15 Year Limited Warranty

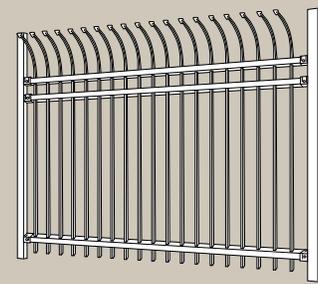
Lafayette



A secure and elegant design with pressed point pickets.

Available in 2 or 3 rail styles.

Curved Top



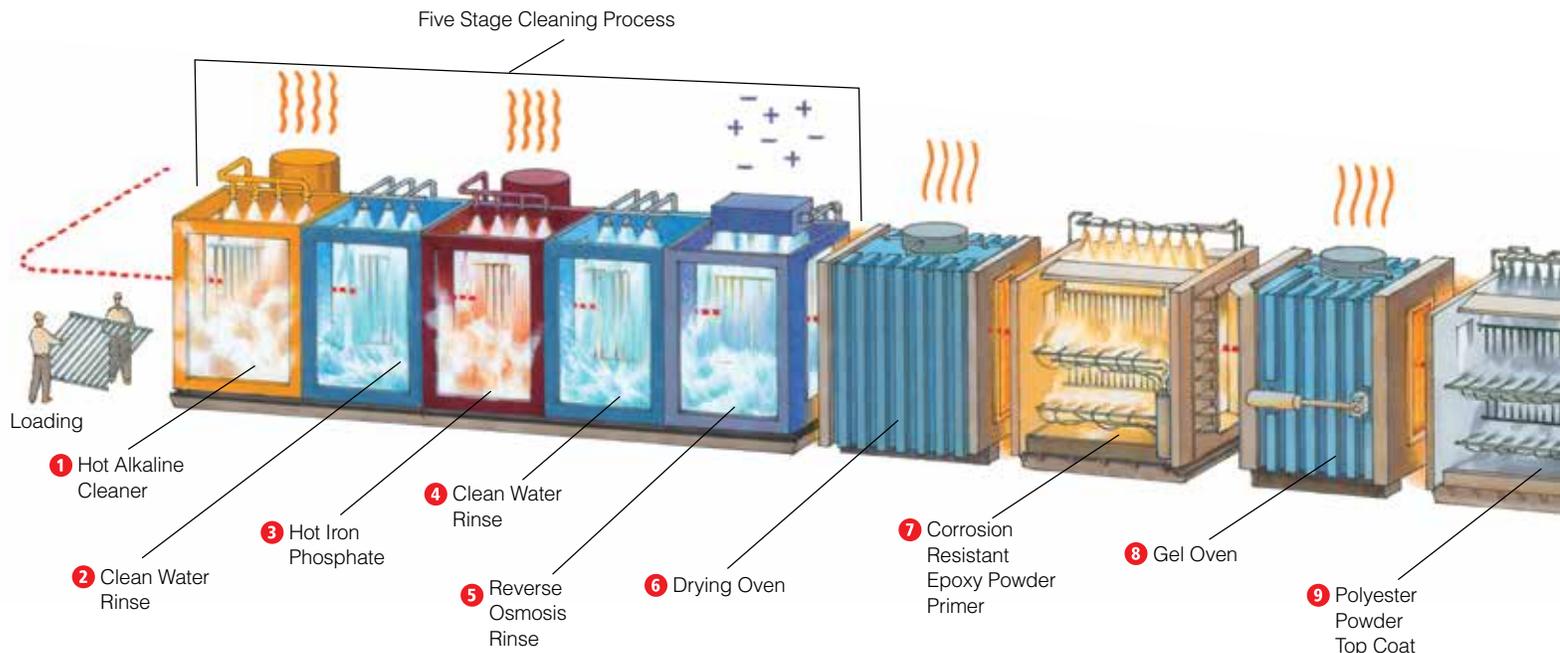
A high security design which creates an imposing presence.

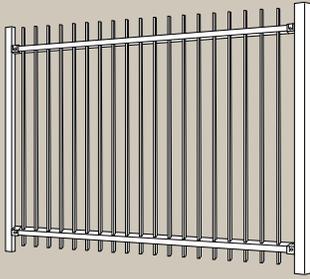
Available in 3 rail only, in 6', 7' and 8' heights.

### TangoRail® Assembly

All TangoRail® fence systems are assembled at the Merchants Metals factory to minimize your installation time and ensure long-term structural integrity.

After powder coating the fence components are shipped on carefully packaged pallets for economical and damage-free transit.





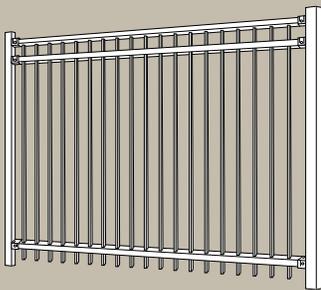
A traditional design with square top pickets.

Available in 2 or 3 rail styles.

**Optional Finials:**



**Kent**



A clean and simple design with no pickets above the top rail.

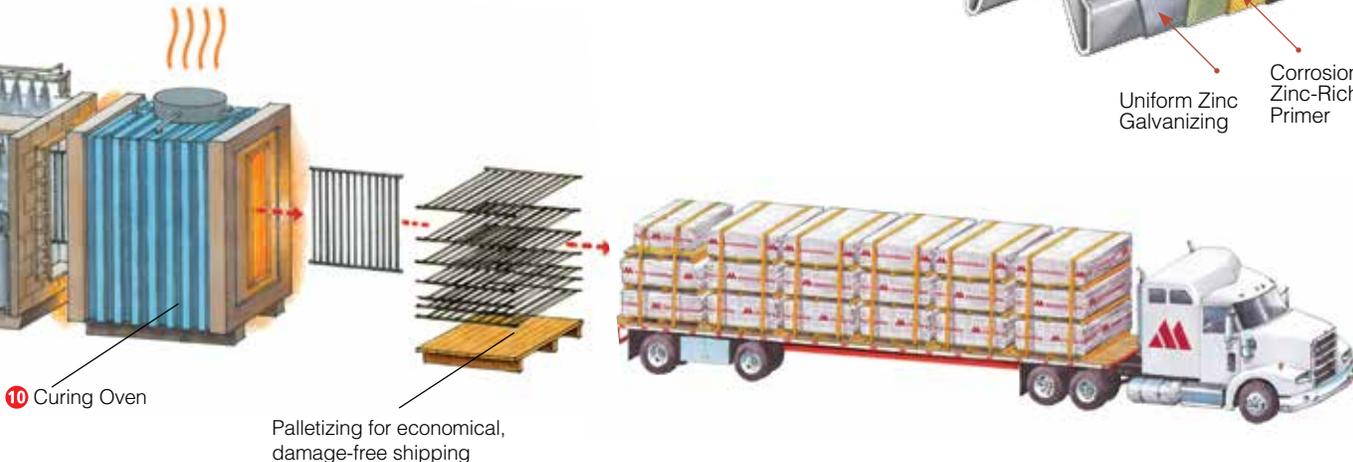
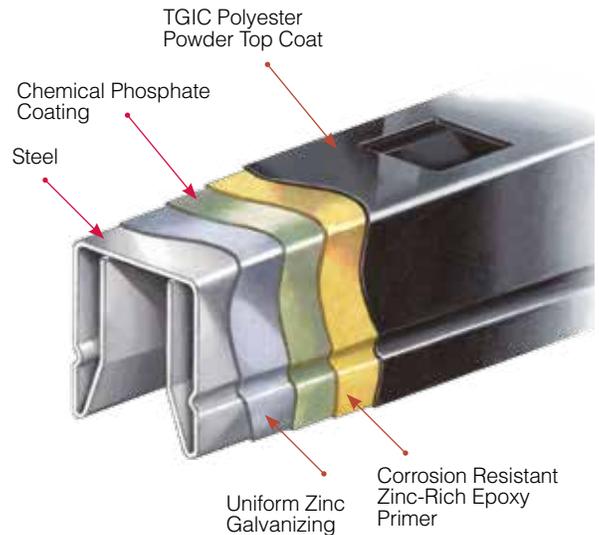
Available in 2 or 3 rail styles.



**Monroe**

**Advanced Powder Coating Process**

All TangoRail® panels receive Merchants Metals' industry leading 10 stage powder coating process. The first five stages are dedicated to a thorough cleaning, removing any impurities that could potentially mar the finish. After cleaning, the panels are coated with a corrosion resistant zinc rich epoxy primer and a polyester powder top coat, ensuring that each TangoRail® system will be highly resistant to the effects of the elements.



## Gates

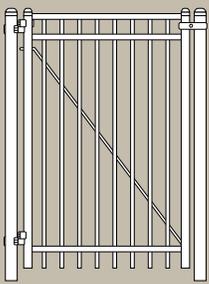
A large selection of gate sizes and styles are available to coordinate with your TangoRail® fence system.

All are intricately constructed by our skilled craftsmen and then receive the Merchants Metals high-quality powder coat finishing.

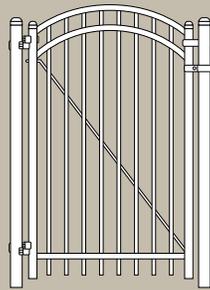


Secure-Trac® Cantilever Slide Gate

## Single Gates



Basic Flat

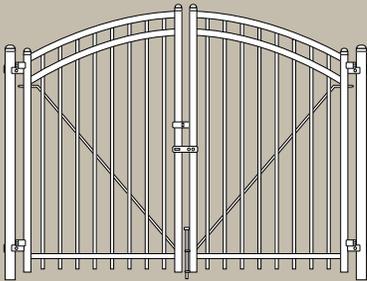


Simple Arch

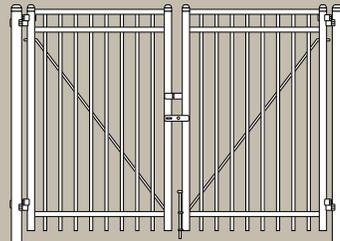


TangoRail® Single Gate

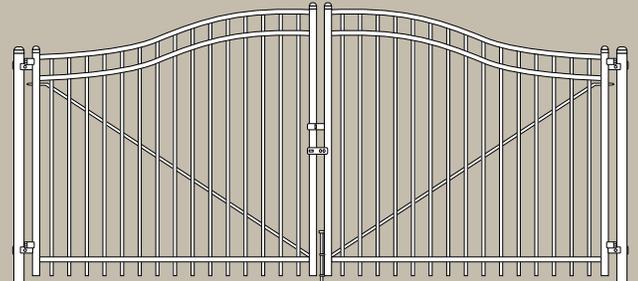
## Double Gates



Simple Arch

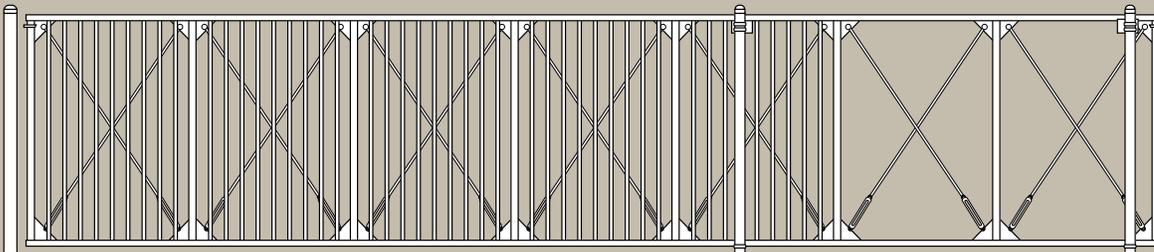


Basic Flat



Compound Arch for 10 ft Openings and Larger

## Secure-Trac® Cantilever Gate



Secure-Trac® internal roller cantilever slide gates are produced using the highest quality materials and workmanship. The fully enclosed rollers eliminate safety issues commonly associated with external rollers and the gates are available to match each style of TangoRail® fence.

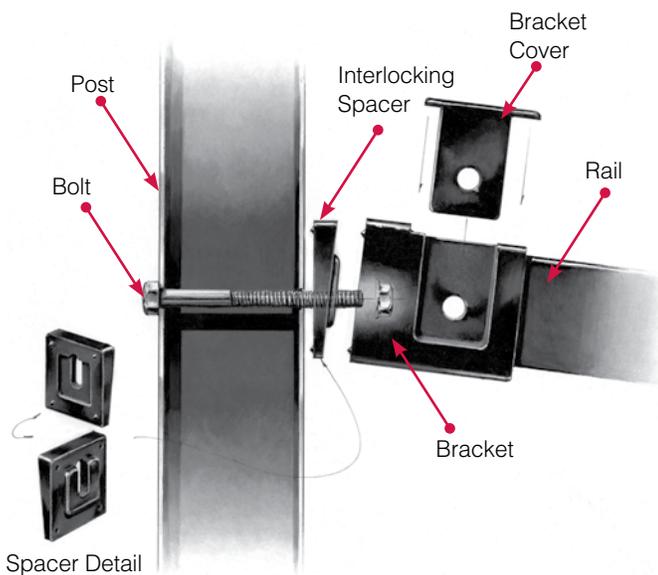
## Specifications

Picket Size	¾ inch square 16 gauge
Rail Size	1½ inch x 1¾ inch double wall U channel
Panel Length	90 inch
Number of Pickets	19



SPECS & DRAWINGS @ MERCHANTSMETALS.COM

## Mounting Hardware



### High Security Bracket

The patented High Security Bracket is tamper-resistant and provides an added level of security. The bracket is securely bolted through the post and is fastened to the panel with two rivets which are driven through the bracket cover, bracket and rail.

Spacers can be added between the bracket and post to accommodate grade elevations. Each spacer changes the angle by 7-1/2 degrees and adds 3/8 inch distance between posts. Spacers must be specified when the order is placed.

### Additional Bracket Options:



Band Bracket



Universal Bracket



Swivel Bracket

## Accessories

### Accessories

These beautiful and durable ornamental accessories can be used to add architectural interest to your residential and/or commercial property.

Quad Flair  
With Ball



Triad Spear



Ball Top Post Cap



Standard Post Cap



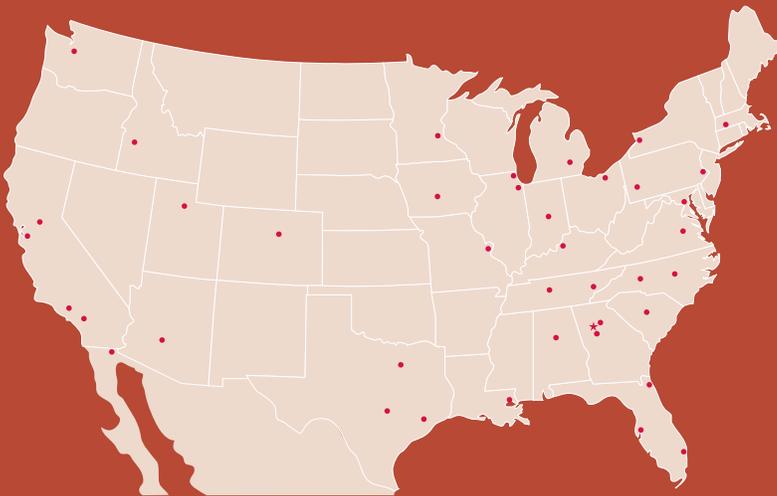
## Additional Fence Solutions

Merchants Metals is one of the largest manufacturers and distributors of fence systems in the nation. Our complete line of fencing solutions for residential, commercial and industrial applications includes:

- Hot-Dipped Galvanized Chain Link
- Color Coated Chain Link
- Steel Ornamental in both Component and Fully-Welded Systems
- Aluminum Ornamental Systems
- Wood Fence
- PVC Fence
- Temporary Fence
- Aluminum Track Gates
- Access Control Products
- Guardrail
- Pre-hung Security Gates
- Welded Wire

All Merchants Metals products are available through professional fence contractors nationwide.

To find out more about Merchants Metals and the fencing solutions we offer, please call 866.888.5611 or visit [www.merchantsmetals.com](http://www.merchantsmetals.com).



AIA Continuing Education



ORNAMENTAL



CHAIN LINK



WOOD



PVC



ACCESS CONTROL



**Merchants Metals®**  
*the first name in fence solutions*

866.888.5611

[www.merchantsmetals.com](http://www.merchantsmetals.com)

An Oldcastle Company

