

# BLOCKADER® Hot Dip Galvanizing

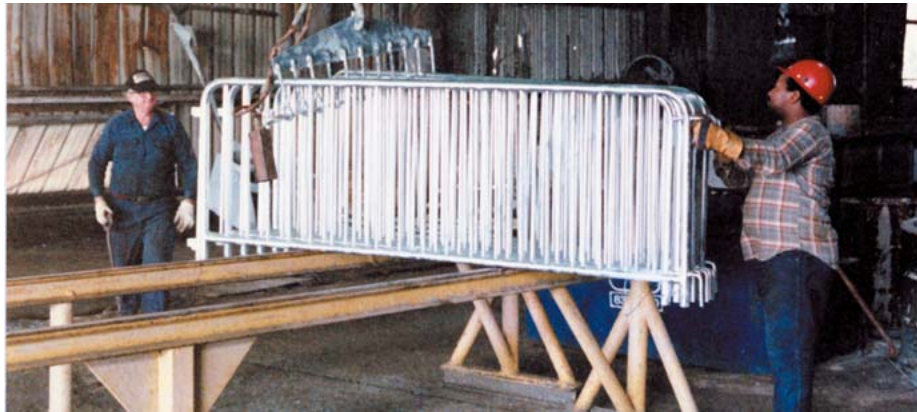
## The hot dip galvanizing advantage

### Galvanizing vs. Painting

Our galvanizing is not merely a coating. Steel that is painted, but not galvanized, will corrode from the inside when exposed to moisture or other elements. The paint is only a cover. It will chip and peel.

On a product such as steel barriers, scratches and “dings” are unavoidable. If a barrier is not galvanized, steel that becomes exposed will inevitably begin to corrode. Galvanizing forms a metallurgical bond between the coating and the underlying steel. The alloys formed during the galvanizing process continue to provide protection to exposed steel.

*Galvanizing provides both outside and inside protection of steel*



### Attention to detail

The process for the hot dip galvanization of BLOCKADER® steel barriers is evidence of our commitment to quality. First, the highest-quality steel is chosen. The barriers are carefully cleaned prior to galvanizing to ensure 100% coating. The barriers are dipped into the galvanizing bath, and then withdrawn, in a careful, professional manner. No shortcuts are taken anywhere in the process.



*Molten zinc naturally reacts with the surface of the steel to form a series of zinc-iron alloy layers that protect the underlying steel from corrosive attack.*



*Painting over galvanized steel provides extended corrosion resistance—adding over 30 years to the lifetime of the product. For more information, contact the American Galvanizers Association.*



## **BLOCKADER® Hot Dip Galvanizing**

### **Long-lasting, corrosion-free interlocking steel barriers**

Hot dip galvanizing protects the steel from the inside out, and allows you to permanently leave or store barriers outside without danger of rusting.

#### **The best protection for steel**

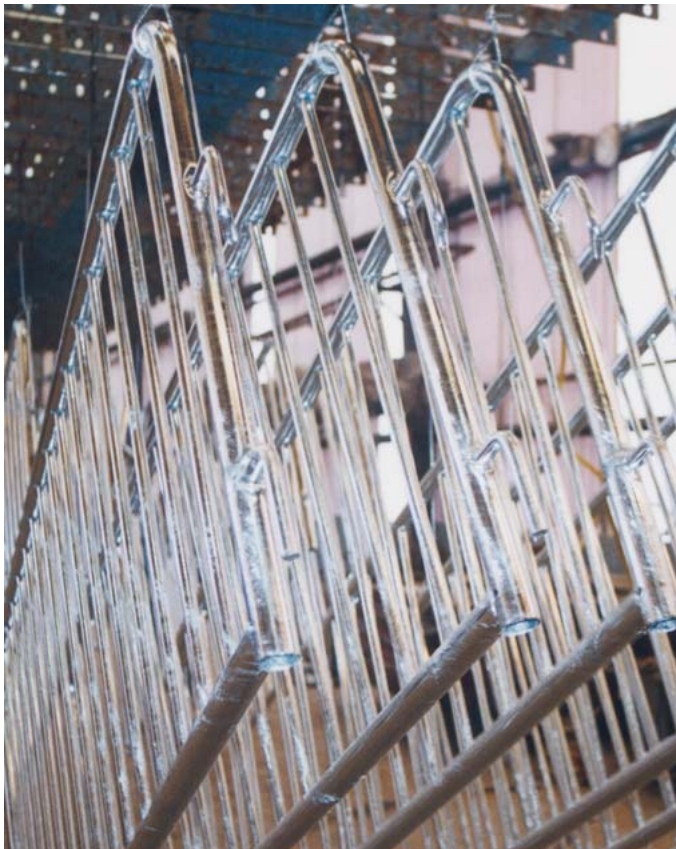
In the hot dip galvanizing process, a zinc coating is applied to the steel by immersing it in a bath of molten zinc (at 850 degrees). Even if the coating is subsequently scratched or otherwise damaged, the galvanizing will continue to provide protection to the exposed steel.



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*Hot dip galvanizing: a proven, cost-effective, and durable corrosion protection*

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#### **Cost-effective**

The hot dip galvanizing process pays off in the long run by increasing the product's life span. Steel that is hot dip galvanized can last up to four times longer than steel that is merely painted. Galvanized steel can remain corrosion- and rust-free for 40 years!

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*Galvanized barriers can remain outside with no danger of rusting*

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**All BLOCKADER® interlocking steel barriers are hot dip galvanized**