



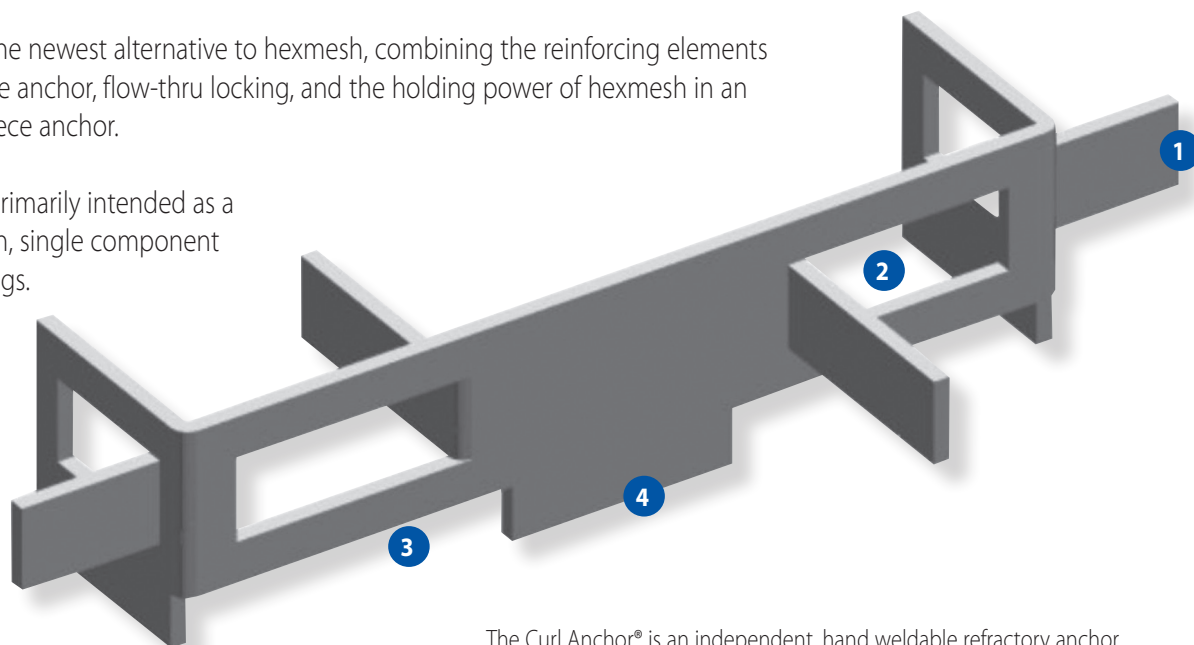
REFRACTORY  
ANCHORS, INC.

# Curl Anchor®

## THE ALTERNATIVE ANCHOR

The Curl Anchor® is the newest alternative to hexmesh, combining the reinforcing elements of the submerged vee anchor, flow-thru locking, and the holding power of hexmesh in an independent, one-piece anchor.

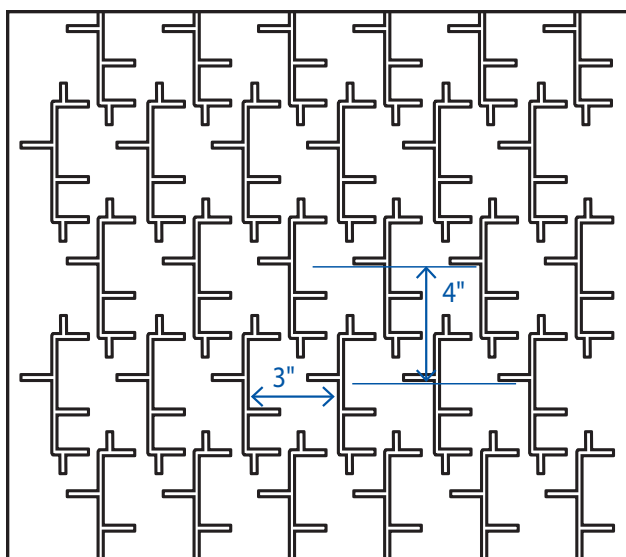
The Curl Anchor® is primarily intended as a reinforcement for thin, single component erosion-resistant linings.



The Curl Anchor® is an independent, hand weldable refractory anchor fabricated from 14 gauge stainless steel bar, 4" long (plus 5/8" extensions at both ends) x 1" high.

The key design elements include:

1. Tabs act as submerged anchorage.
2. Large slots allow flow-through locking of refractory concrete.
3. Space below anchor allows refractory to flow underneath for additional flow-through locking.
4. Three (3) welding feet allow for secure welding.



### VERSUS HEXMESH

1. Each anchor acts independently of the next, decreasing the likelihood of catastrophic failure.
2. Tabs are longer and more numerous per square foot, thereby allowing more submerged anchorage.
3. Easier installation - no pre-forming or cutting is required.
4. In-place repairs are simplified.
5. Density (i.e., anchors per square foot) may be modified to fit the severity of the service environment.

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## THE ALTERNATIVE ANCHOR



### verses OTHER INDEPENDENT ANCHORING SYSTEMS

1. Three (3) welding feet provide for better attachment.
2. The ends of the Curl Anchor® will not bend down from the impact of ramming guns.
3. The four (4) tabs of the Curl Anchor® provide an element of submerged support, much like a vee anchor.
4. The tab slots are larger and more numerous providing better flow-through lockage of the refractory. In addition, the refractory will flow between the welding feet of the Curl Anchor® thereby providing a flow-through locking of refractory under the anchor down to the last 1/4" of lining thickness.
5. Curl Anchor® layouts closely resemble cellular hexmesh, inhibiting refractory migration.

