

Buyers Guide: Stanchion Bases

The Difference is in the Details





Our cast iron base connection is so strong, we dropped it off a rooftop just to prove it! Scan to watch the Roof Drop Test Video.

Exclusive EVERstraight® Technology

Two innovative base connections for a long lasting post that always remains straight.



EVERstraight® Technology

 Cast iron RETRACTA-BELT[®] bases feature large diameter threaded construction, ensuring the post remains straight for its lifetime.

EVERstraight® PRIME Technology

 Cement-filled RETRACTA-BELT[®] PRIME post bases include an advanced wedge-action base connection that is stronger and more stable than competitor's base connections.

The "Competition's" Construction

Base connection that breaks down over time and makes the post lean.



- Cast iron bases have through-bolt and welded metal cup construction that easily weakens the post, causing it to lean.
- Cement-filled bases have the same inferior construction, combined with low-density cement that cracks easily.

Which base is right for you? A closer look at the common base stanchions.

Cast Iron Bases			
Typical Applications	Heavy traffic areas such as	Pros	Highly durable and stable, very heavy,
Life Expectancy	airports, casinos, venues, etc.	Con	no tools required, upgrades available
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Cement-Filled Bases			
Typical Applications	Lower traffic areas such as banks, hotel lobbies, etc.	Pros	s Priced lower than cast iron bases
Life Expectancy	3-5 years	Con	ns Cement can crack over time
RETRACTA -BELT® PRIME EVERstraight® PRIME Technology Innovative, self-straightening base connection		I	"Competition" Inferior through-bolt construction causes posts
keeps posts upright and prevents leaning			to lean over time or even 'right out of the box'
Strong and straight base connection:			Crooked and weak base connection:
 Exclusive wedge action connection fitting is self-straightening: the wedge action expands as the customer installs the post to further strengthen the connection 			Welded cup construction requires perfectly strong and straight welding to function properly. This precise, difficult, and highly skilled process is often performed by unqualified workers resulting in crooked posts from day one
 Precision molded base fitting: ensures consistent and reliable production quality 			 Welded cup is often made of thin, threaded sheet metal: which strips and deforms very easily
 Locking hardware: is tightened to specific torque requirements to prevent the bolt from loosening and the post from leaning 			 Often no nut is supplied: which requires the customer to use tools for assembly. If hardware is supplied, most use non-locking nuts which loosen very quickly
• High density cement: increases weight to reduce post movement throughout the day			Their cement-filled base material is less dense: 18% lighter and can easily crack and break apart