

	Cost	Installation	Pros	Cons
Inhibitors	varies	Must be mixed in with concrete.	Limit corrosion factors	Ineffective as barrier to stop environmental factors
Epoxy	+ 20%	Requires ongoing inspection and repair, special handling of ends.	Barrier to environmental factors	Limited effectiveness; may flake or peel ; not suited to harsh environments. Must have longer splices, due to fragility of coating. Causes anodic issues that accelerate corrosion rate when damaged.
Galvanized	+ 25-50%	Requires inspection and repair; special handling when welding.	Easier to install; does not accelerate corrosion rate.	Sacrificial, loses effectiveness over time; leaching may occur. Flakes off bent rebar. Welding produces noxious gasses very harmful to health.
Zbar	+ 300%	Requires inspection and repair; attention to load and transport costs due to added weight.	Barrier to environmental factors; Suitable to high-chloride environments; non-sacrificial.	Only as strong, or weak, as its mechanical bond with the steel substrate. Thick, heavy double coating adds structural load.
Ionyx		May require simple touch up if highly abraded. Can be applied on- or off-site.	Barrier to environmental factors; suitable to high-chloride environments; non-sacrificial; non-conductive; ionic bond with substrate not susceptible to flaking/peeling; lightweight, thin coat does not add load; abrasion-resistant non-toxic surface; effective against wider range of environmental factors.	New; limited testing; case studies limited to ten years because it is new.
CleanWirx		Spray or dip to coat on uncoated rebar; rinse off; dry. Process may be completed on-site or off. Non-hazardous.	Environmentally friendly; non-hazardous. Decontaminates and completely removes interference materials and reactive sites inherent in metal surfaces to eliminate subcoating corrosion.	New; limited testing; case studies limited to fifteen years because it is new.