

1. Background

The BoltHold chemical asphalt anchors provide a method to mount equipment and devices directly to asphalt roadways and similar asphalt surfaces. The installation required drilling a hole in the asphalt deep enough to accommodate the length of the anchor, filling the hole with special grout, then pushing the anchor in all the way until the head of the anchor is flush with the asphalt surface.

Some applications require particular attention to the issue of rust, ground water pollution or installation longevity.

2. Available Options

Type	Coating
Standard	Steel Zinc coating
Dacromet Coated	Steel with Dacromet
Stainless	Stainless Steel

- STANDARD:** The body is made of carbon steel, and is zinc plated for rust protection. Typical salt test resistance is more than 10 hours. This coating provides adequate rust protection to the body of the anchor, especially because the body is mostly encased in the grout or epoxy from the outside. Rust may build up inside the anchor's tube. The bottom of the anchor is sealed against ground water, but water may penetrate from the top bolt side.
- DACROMET:** The standard anchor is coated with silver Dacromet 320 Grade A coating to a thickness of 5-7um. It will pass 600 hours of salt test *ISO 9227*



without red rust. This coating is used in the automotive industry as an effective rust protection.

We expect that this coating will provide a long rust free life for the anchors even in salt environment, such as roadways using chemicals to melt ice and snow.

- STAINLESS STEEL:** The anchor, its washer and supplied bolt are all stainless.

This version is particularly suitable for installations close to potable water reservoirs and where environmental considerations are paramount. It is also suitable for long-term exposure to salt.