

Stronghold® Cement Base

Permanent Caprock Integrity



Stronghold® Cement Base is a hydraulic set plug conveyed on drill pipe. The Cement Base is commonly run as a part of the Stronghold® Barricade® System to create a permanent rock-to-rock cement plugging - all in a single trip.

The Stronghold® Cement Base is especially designed as a cement base when creating a permanent rock to rock barrier in a single trip Stronghold® Barricade® System. A Stronghold® Cement Base is easy to run and can be run with tubing conveyed perforation guns below without setting the packer.

The Cement Base consists of a two main components, running tool and plug section. The running tool is used to deploy the cement base to required depth. To set the Plug, a ball is displaced down the drill pipe and land in the ball seat. Pressure is applied set slips and compresses the element. By straight pull or a combination of pull and pressure will release the Running Tool from the plug section.

The Stronghold® Cement Base can also be run as a standalone tool where a cement retainer is required.

Benefits

- Field proven
- Significant time and cost savings
- Effective rock-to-rock sealing barrier
- No section milling and swarf handling— No underreaming
- Efficient one-trip system with TCP
- No surge or swab effect

Features

- High circulation rates
- Dual swab cup either side of washing ports
- Adjustable distance between swab cups
- Flow by-pass system
- Disconnect system available
- Ball or dart drop available

Specifications

Casing size, in	9 5/8" Cup type	9 5/8" Slip type
Setting Range	8.5" - 8.822"	8.5" - 8.822"
Top Connection	2 7/8" EUE BOX	2 7/8" EUE BOX
Bottom Connection	Acme 3.933" & T.P.I. 2G BOX	Acme 3.933" & T.P.I. 2G BOX