

RockSolid™ Thermite-based barrier



Description

The Interwell P&A system consists of proprietary technology enabling a focused and controlled thermite reaction that melts all wellbore elements within the well cross section. The technology development process is in accordance with DNV-GL RP-A203 following a systematic approach to technology qualification, ensuring that the technology functions reliably within specified limits stated in this document.

- 1376082 – Assembly Procedure RS110V1SP001A
- 1378516 – Operational Procedure for RockSolid™ Barrier
- 1377575 – Pre-Check and Field Assembly Procedure

Application

The technology is suitable for well integrity remediation as an alternative to punch & squeeze, perf wash cement & section milling. The application envelope is:

- Single string
- SCVF/ SCP
- Shale caprock
- Set in 60 - 150 bar
- Up to 15 degrees inclination

RockSolid™ Barrier System

Benefits

- Effective operational deployment
- Slim design passes the most common restrictions
- Wireline deployment (e-line) ideal for rig-less applications
- Restores caprock integrity with formation-to-formation gas tight seal
- Removes the need for section milling/ Casing removal - melts all well element

Technical Specifications

Casing Size	Casing Weight	Tool Type	Max Tool OD	Tool Length
5 ½"	14-21 lbs/ft	110 RS	118mm / 4.65"	7020mm / 23 ft ¾ in.