

# RockSolid™ Thermite-based barrier



## Description

RockSolid™ consists of proprietary technology enabling a focused and controlled THERMIT® 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.

- 1524217 – RockSolid™ Tool Specification

## Application

RockSolid™ 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 / tight siliclastic
- Set in 60 - 200 bar
- Up to 15 degrees inclination at setting depth

# 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 1/2"	14 - 20 lbs / ft	110 RS	4,65" (118 mm)	23 <sup>3</sup> / <sub>8</sub> " (7020 mm)
4 1/2" *	9,5 - 12,6 lbs / ft	90 RS	3,86" (98 mm)	23" (7010 mm)

\*Final qualification ongoing, available for field trials

