

PRO BOND™ SSW (SATURATED SALT WATER)

PRODUCT DESCRIPTION

Pro Bond™ SSW is a new addition to the Pro Bond™ product line of dump bailer cement kits. Pro Bond™ SSW is specifically designed for dump bail placement into saturated NaCl brines.

“Standard cement slurries have the potential for a $\frac{2}{3}$ reduction in compressive strengths, shear bond and ultimate compressive strengths compared to Pro Bond™ SSW when dumped into saturated NaCl brines”

The Pro Bond™ SSW dump bailer kit is designed for placement into a well which contains a 10 lb/gal NaCl brine. The kit has been formulated to minimize the effects of delayed development of compressive strength's by saturated NaCl brines.

Twelve hour compressive strengths for Pro Bond™ SSW at 350° F in a 10.0 lb/gal NaCl brine are 1,342 psi. Most cement slurries would still have 0 psi compressive strengths after twelve hours. The strength measurements were verified with a crush test performed on the set UCA plug. Both Pro Bond™ SSW and competitive slurries were tested on a UCA at 14,000 psi and 356°F.

·Designed for dump bailer application into saturated NaCl brines

·Formulated for bottom hole temperature from 300°F-400°F

·Twelve hour compressive strengths of 1,342 psi

·Six Hour thickening time

·Excellent Down Hole Stability

Quality Control and Testing performed by



CSI Technologies