Product Specifications

DESCRIPTION
SHIELD BOND LC<sub>3k</sub> lost circulation additive is added to the SHIELD BOND and SHIELD BOND NXT wellbore shielding® spacer systems to remediate against moderate, complete and total losses. SHIELD BOND LC<sub>3k</sub> is formulated to prevent losses with fracture sizes of 3,000 microns.

ADVANTAGE
Enhances the SHIELD BOND spacer system’s effectiveness when losses are problematic
Effective at sealing a wide range of fracture widths in various formations
Withstand differential pressures > 1000 psi

APPLICATION
Used during partial to total lost circulation where fracture sizes of 3,000 microns were experienced
Used in high permeability formations, unconsolidated and fractured formations when losses were observed during the drilling phase.

ENVIRONMENTAL ADVANTAGE
Environmentally compliant for use in all areas
PLONDOR listed for North Sea use, HMCS Category P, OCNS Group E
Passes the North America 96-hr LC50 bioassay mysid shrimp

TREATMENT RECOMMENDATIONS
For seepage losses recommended treatment ranges from 10-20 lb/bbl
For severe lost circulation recommended treatments of 30-50 lb/bbl

PHYSICAL PROPERTIES
Appearance: Coarse, brown powder
Temperature: 204°C (400°F)
Specific gravity: 1.5 g/cm³ (12.52 lb/gal)

HANDLING AND STORAGE
SHIELD BOND LC<sub>3k</sub> should be stored in a dry environment. Avoid excessive dust and inhalation. Use appropriate PPE and review the SDS before use.

PACKAGING
SHIELD BOND LC<sub>3k</sub> is available in 25-lb, multi-walled bags. 1250 pounds per pallet (50 sacks).