



P-XCA2

TECHNICAL DATA SHEET

DATE: JANUARY 1, 2026

PETROCHEM – LOW TEMPERATURE EXPANDING CEMENT ADDITIVE 2 (POWDER)

PRODUCT DESCRIPTION

P-XCA2 is a powdered expanding cement additive designed for low temperature cementing systems. The additive provides early expansion of the set cement, improves bonding for better zonal isolation, prevents cement volume loss due to shrinkage, and helps prevent fluid and gas migration while maintaining minimal impact on slurry viscosity and thickening time.

APPLICATIONS

- Expanding additive for low temperature cementing systems
- Primary and remedial cementing operations
- Applications requiring shrinkage compensation and improved bonding

TECHNICAL DATA

- Provides early expansion of set cement
- Compensates for cement shrinkage and volume loss
- Improves cement bonding and zonal isolation
- Helps prevent fluid and gas migration
- Compatible with API cement classes and common additives
- Minimal impact on slurry viscosity and thickening time

TYPICAL PROPERTIES

- Appearance: Tan Powder
- Specific Gravity: 3.35
- Temperature Range: < 93°C / < 200°F

RECOMMENDED TREATMENT

- Typical dosage: 2% – 30% BWOC
- Final dosage must be confirmed through laboratory testing under actual slurry conditions

PACKAGING

- Packaged in 40 × 50 lb (22.7 kg) sacks per pallet
- Bulk or custom packaging options available upon request

SAFETY

- Refer to the Safety Data Sheet (SDS) prior to handling or use

NOTICE

The information provided herein is offered in good faith; however, no warranties, express or implied, are made. Users are responsible for determining product suitability and performance under actual operating conditions.