

D400 EasyBLOK

Schlumberger

Prevent gas migration in low- to medium-temperature applications

The EasyBLOK solid additive eliminates operational limitations and costs associated with handling liquid products in cold regions and simplifies logistics in land operations. This additive is dry blended with the cement, requiring less equipment.

EasyBLOK water-activated low-molecular-weight polymer creates an impermeable film in the presence of gas, preventing its migration through the cement slurry during the critical hydration period. The additive forms a thin, elastic, impermeable filtercake that also offers excellent fluid-loss control and reduced permeability.

In addition, EasyBLOK additive is an excellent choice for cold environments, because it will not freeze like liquid additives do.

The appropriate concentration of the additive needed to block gas migration depends on bottomhole circulating temperature (BHCT) and the slurry solids volume fraction.

EasyBLOK additive can be used at BHCTs of 20 to 110 degC [68 to 230 degF] and in slurries with densities ranging from 1,260 to 2,157 kg/m³ [10.5 to 18 lbm/galUS].

Applications

- Control of annular gas migration in low- to medium-temperature primary and remedial cementing
- Freezing-temperature environment cementing operations

Benefits

- Gas migration control due to formation of a polymer film in the presence of gas bubbles, preventing their migration through the slurry
- Time savings and simplified logistics compared to liquid additives
- Excellent fluid-loss control

Features

- Compatible with CemCRETE* cement technology and standard Schlumberger cement additives
- Environmentally friendly
- Thin, flexible cement filtercake

EasyBLOK additive prevents gas migration in low- to medium-temperature primary and remedial cementing.

