

## CHEMICAL ADMIXTURE

### Retarding Type

#### TECHNOBUILD E727

TECHNOBUILD E727 is a water reducing, retarding and strength increasing liquid admixture for concrete that complies with ASTM C494, Type D requirements.

#### Benefits

- TECHNOBUILD E727 reduces water requirements from 4 to 8% depending on dosage and cementitious material characteristics.
- The synergy created when TECHNOBUILD E727 is combined with water reducers such as TECHNOBUILD WR-75, TECHNOBUILD WR or TECHNOBUILD DX helps to control concrete setting time in hot weather.
- TECHNOBUILD E727 has almost no influence on entrained air volume.
- TECHNOBUILD E727 retards initial setting time of concrete
- TECHNOBUILD E727 will generally increase compressive strengths from 15 to 25%
- TECHNOBUILD E727 is particularly suited for warm weather concreting and for concrete mixes with high cementitious material contents.

#### Applications

- Hot weather concrete placement
- Pre-stressed concrete
- Concrete requiring water reduction and set time control
- Architectural concrete

### Accelerating Type

#### TECHNOBUILD AC100

TECHNOBUILD AC100 improves the plastic and hardened properties of concrete such as workability, compressive and flexural strengths, and freeze-thaw resistance. TECHNOBUILD AC100 densifies concrete and reduces its permeability. TECHNOBUILD AC100 is compatible with water reducing agents and air-entraining agents but should be added separately to the concrete mix.

#### Benefits

- Reduces initial set
- Cuts construction costs-no cold weather delays
- Densifies concrete
- Minimizes bleeding and segregation

#### Applications

- Stepping stones
- Lintels
- Burial vaults
- General purpose ready mixed concrete