

CHEMICAL ADMIXTURE

Accelerating Type

TECHNOBUILD E721

TECHNOBUILD E721 is an accelerating, water-reducing admixture for concrete that does not contain calcium chloride or added chloride ions. It improves properties of plastic and hardened concrete, provides a significant improvement in early stiffening and setting characteristics, improves workability and decreases bleeding and segregation. This complex, high performance admixture performs well under severe cold conditions allowing projects to stay on schedule.

Benefits

- Reduces initial set 1 to 4 hours depending on concrete temperatures
- Improves workability and provides denser concrete
- Minimizes bleeding and segregation
- Improves compressive strength development at early ages
- Decreases overtime allowing earlier finishing
- Eliminates the need for Type III cement

Applications

- Cold weather concreting
- Structural and plain concrete
- Wet cast/precast concrete products

Water Reducing and Retarding Type

TECHNOBUILD RD2

TECHNOBUILD RD2 is a high range water reducing admixture formulated specifically to extend the working time of flowing concrete at temperatures up to 55°C. TECHNOBUILD RD2 does not contain added chlorides and will not promote the corrosion of steel.

Benefits

- Produces "flowing" concrete with controlled delay of slump loss and workability
- Greatly reduces water requirements
- Reduces segregation and bleeding in the plastic concrete
- Reduces cracking and permeability of hardened concrete
- "Flowing" concrete, significantly reduces concrete placement time and cost

Applications

- Reinforced concrete
- High strength concrete
- Industrial slabs
- Lightweight concrete
- Pre-stressed concrete
- Parking structures
- Mass concrete