

## MINERAL ADMIXTURE

### Type 1

#### TECHNOBUILD F60

The spherical shape of individual TECHNOBUILD F60 makes the material easier to pump and finish than cement, which is made up of angular particles. TECHNOBUILD F60's chemical makeup lowers the heat of hydration for concrete, thereby reducing the level of thermal cracking that occurs during curing. This is critical in large structural applications, where cracks can allow water to seep into crude steel reinforcing bars.

#### Benefits

- Increases plasticity
- Reduces heat of hydration
- Acts as pozzolana
- Crucial additive for precast and ready mix

#### Applications

- Mine fills
- Embankments
- Backfills
- Highway Base
- Soil Stabilization etc.
- Structural fills
- Water Dam Concrete

### Type 1

#### TECHNOBUILD SFG

TECHNOBUILD SFG is a high reactive pozzolona with special additives for improved plasticity.

#### Benefits

- Increase of early strength of concrete
- Increase of consistency of ultra high-performance concrete
- Improvement of mechanical strength for pore (gas) concrete
- Reduction of bleeding and segregation in self-compacting concrete
- Booster for defoamer
- Rheology modification e.g. thixotropic effect
- Hydrophobization effect, improves water resistance
- Improvement of mechanical properties of plasters
- Reduction of dirt pick-up on the plaster and concrete surfaces

#### Applications

- UHP Concrete
- Bridges
- Precast
- Moulded Articles
- SCC