SPECIAL ADMIXTURES

Defoaming Type

TECHNOBUILD AIR OUT

TECHNOBUILD AIR OUT is a stable admixture designed to completely remove the air content in a designed non air entrained concrete mix. It decreases foaming and minimizes air entrainment in cement slurries, grouts, concrete, and mortars. It is also used to counteract the air entrainment caused by some cements and per plasticizers.

Benefits

- Reduces the amount of rejected concrete
- Reduces the entrained air caused by some super-plasticizers
- Recommended for the production of heavy weight concrete
- Increases the unit weight of concrete
- Allows high-speed mixing of cement, flyash, and other materials without foaming
- May increase compressive strength of concrete

Applications

- Ready Mix Concrete
- Precast Concrete
- Concrete Floors
- Heavy Weight Concrete
- Other concrete applications where minimal air content is desired

ASR Controlling Type

TECHNOBUILD ASRE

TECHNOBUILD ASRE is specially formulated admixture designed to control alkali-silica reactivity (ASR) in concrete. When reactive silica has sufficient alkalies and moisture, a damaging expansive gel forms, this expansion will result in cracking and premature deterioration of concrete. Alkali-silica reactivity can be controlled when TECHNOBUILD ASRE is introduced as an admixture in concrete at recommended doses. Dosages will vary depending on the sodium equivalent of the cement and when used in combination with pozzolans such as Class F fly ash.

Benefits
- Mitigates ASR expansion and cracking
- Eliminates ASR-induced pop outs
- No adverse effect on plastic or hardened concrete properties
- Easy to handle
- Use of available local materials
- Increases life span of concrete
- Can be used with appropriate pozzolans

Applications

- Highways and bridges
- Airport runways
- Water treatment facilities
- Warehouses
- Energy / Power facilities
- Commercial buildings
- Piers and docks