

Trumix LLC

Concrete Admixture Company
PO Box 100367, Irondale AL 35210

Trumix P 200

Other name: ACT 200A
Powdered High-Range Water Reducer

Description:

Trumix P200 is a powder high-range water reducer. It is an economical water reducer and provides better workability of the concrete from low slump, flowing concrete and self-consolidating concrete.

Trumix P200 does not contain intentionally added chloride and should not initiate or promote the corrosion of steel present in concrete.

Applications:

Trumix P200 may be used in variety of applications:

- Can be used in bag of dry concrete or mortar mixes.
- Can be added for ready mix or precast plant. Trumix P200 will provide excellent workability to the concrete and will not entrain air in the concrete.
- Trumix P200 should not create air in the plastic concrete. However, it is possible to entrain air, if needed.
- Trumix P200 will help fluidize grout mixes for easy pumping. Trumix P200 will not increase air in the grout.

Advantages:

The common dosage rate Trumix P200 is 0.5 lb to 2 lb/yd³ of concrete. Typical dosage rate is 1 lb/yd³ of concrete. Higher dosage is possible. A trial batch is recommended to avoid any unwanted properties.

Adding a pre-determined weight of Trumix P200 or any superplasticizer or high range water reducer (HRWR) at the job site will maximize the slump of the concrete. Concrete with superplasticizer or HRWR added at batch plant will be subjected to slump loss during transportation and waiting time at the project.

Water Reduction and Workability:

Trumix P200 will help reduce the use of water and achieve the desired slump or will help workability when batching water is kept the same as control mix.

Trumix P200 will plasticize concrete and improve cohesion to reduce excessive bleeding and segregation.

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Extended Slump Life:

Trumix P200 in combination with a small quantity of Trumix Retarder/hydration stabilizer will extend the slump life and workability / plasticity of the mix. It has been proven that Trumix P200 and small amount(s) of Trumix retarder can extend the slump life for 180 minutes or longer.

Benefits:

Trumix P200 helps:

- Increase slump / workability of fresh concrete, mortar and grout
- Enhance pumping of concrete
- Reduce the use of water and get the desired slump or flow
- Reduce surface defects and avoid honeycomb in hardened concrete
- Increase the slump or flow with no negative impact on strength
- Adding admixtures at the job-site about five minutes before pouring will maximize the slump of concrete.*

Combination with other admixtures:

Trumix P200 is compatible with Trumix Air, Trumix retarders, Trumix WR, Trumix VMA. However, trial batches are recommended when other admixtures are used in combination with Trumix P200.

Combination with other SCM (secondary cementitious materials) and other powder (such as limestone powder)

Trumix P200 is compatible with other SCM such as fly ash class F or C, slag cement, silica fume, meta-kaolin or limestone powder. Trial batches are recommended to assure the effectiveness of the combined materials in concrete.

Physical Properties:

Color:	Tan to light brown
Specific Gravity	0.45 – 0.65

Dosage Rate and Mixing Time:

Dosage rate of 0.5 to 2 lb/yd³ of concrete is recommended. Consult manufacturer for higher dosage. Trial batch is highly recommended to determine the right dosage.

Packaging:

Trumix P200 is available in 2 lb water soluble bag. Custom weight is also available upon request. A five-gallon square bucket is used to package 12 - 2 lb bags. Each pallet contains 48 square buckets.

ACT 200A is available in 25 kg bags with plastic liners. Each pallet contains 40 bags.