

Trumix LLC

Concrete Admixture Company
PO Box 100367, Irondale AL 35210

Trumix WR

Other name: ACT 100NA

Powdered Water Reducer for Concrete, Mortar & Grout

Description:

Trumix WR is a powdered water reducer for concrete, mortar and grout. It has been formulated to provide good retardation and workability of fresh concrete, mortar and grout.

Trumix WR will give up to 5% water reduction.

Trumix WR does not include any intentionally added chloride ions and should not initiate or promote the corrosion of steel present in concrete.

Applications:

Trumix WR can be used for dry concrete bag, ready mixed, precast and grout applications:

- Trumix WR can be used for dry mix concrete, mortar and grout. It will help reduce water needed for the mix, therefore the concrete, mortar or grout will have better strength and/or will give a much better slump.
- Trumix WR can also be added for ready mix or precast applications. The Trumix WR will provide good workability to the concrete.
- Trumix WR will help reduce the stickiness of the concrete, mortar and grout mixes for easy pumping and finishing work.

Advantages:

Trumix WR is a powdered water reducer in a water soluble bag. The dosage range can vary from 0.25 lb to 2.0 lb per cubic yard of concrete. Typical dosage is about 1 lb/yd³ of concrete. Higher dosage is also possible. However, a trial batch is necessary to avoid any unwanted retardation.

Water Reduction and Workability:

Trumix WR 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.

Extended Slump Life:

Trumix WR will promote retardation of concrete and in combination with a small quantity of Trumix Retarder, Trumix P200, and Trumix P500 extend the slump life and workability / plasticity of the mix. It has been proven that Trumix WR and small amounts

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of Trumix retarder/hydration stabilizer can extend the slump life for 180 minutes or longer.

Trumix WR in combination with Trumix VMA and Trumix P200 / Trumix P500 will make mixes more homogeneous and reduce bleeding.

Trumix WR in combination with Trumix Defoamer can reduce air to desire level.

Benefits:

Trumix WR is formulated to help:

- Increase slump and workability
- Enhance pumping of concrete
- Reduce the use of water and get the desired slump or spread
- Reduce surface defects and avoid honeycomb in hardened concrete
- Optimize the finishing of concrete surface.

Combination with other admixtures:

Trumix WR is compatible with Trumix Air, Trumix Retarder, Trumix P200 / Trumix P500, Trumix VMA, Trumix Defoamer, and most other concrete admixtures. However, it is always necessary to do trial batches when other admixtures are going to be used in combination with Trumix WR.

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

Trumix WR is compatible with SCM such as fly ash class F or C, slag cement, silica fume, meta-kaolin or limestone powder. It is highly recommended to do trial batch to assure the effectiveness of the combined materials in concrete.

Physical Properties:

Color:	Brown
Bulk Density, Kg/m ³	0.40 – 0.60

Dosage Rate and Mixing Time:

Typical dosage of the admixture may vary from 0.25 to 2.0 lb/yd³ of concrete. A trial batch is highly recommended to determine the right dosage.

Packaging:

Trumix WR is available in 2 lb in water soluble bags. 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 100NA is available in 25 kg bags with plastic liners. Each pallet contains 40 bags.