

TTaiR

Air-Entraining Concrete Additive

PRODUCT DEFINITION

TTaiR is an air-entraining concrete additive used in fresh concrete and cement-based mortars, creating micro air bubbles in the mix.

AREAS OF USE

- In concrete exposed to freeze-thaw cycles,
- In water reservoirs and dams,
- In roadways/vehicle roads and airport runways,
- To reduce sweating in concrete.

ADVANTAGES AND PROPERTIES

- Prevents repeated freeze-thaw damage,
- Enhances the workability of concrete,
- Increases the cohesion resistance of the mix,
- Reduces the risk of shrinkage cracking by decreasing sweating,
- Does not contain chlorides or harmful substances,
- Does not contain solvents.

APPLICATION CONDITIONS

- Shake TTaiR well before use.
- Ensure that aggregates and mixing water are clean.
- TTaiR should be mixed into the mixing water at a specified ratio. It should not be added directly to the dry mix.
- The ambient temperature during application should be at least +5°C.

RECOMMENDED DOSAGE OF USE

TTaiR® consumption varies depending on the desired setting time. On average, it is between 0.03% - 0.2% of the cement weight.



TTR Chemicals Co.
a **SBM®** Company

TECHNICAL SPECIFICATIONS

Appearance	Clear liquid
Chemical Structure	Surfactants
Density (kg/l)	0,98 – 1,02 (at +20 °C)
pH	5 – 9

EQUIPMENT CLEANING

Equipment that comes into contact with the product can be cleaned by washing or brushing with warm water.

PACKAGING AND STORAGE

25 kg Barrel, 200 kg Drum, 1000 kg IBC

When stored in its original, unopened, and undamaged packaging between +5°C and +35°C the product has a shelf life of 12 months from the date of the manufacture. Protect from direct sunlight and frost

SAFETY

Gloves, protective masks, and goggles should be worn while handling. In case of contact with skin or eyes, rinse thoroughly with plenty of water. For detailed safety information, please refer to the product Safety Data Sheet