

A-Train™ PR

Polymer Resin Air-Entraining Admixture

General Description

Riteks A-Train™ PR is an admixture for entraining air in concrete. A-Train PR introduces millions of uniformly sized spaced air voids throughout the concrete mixture and has been proven to be far more resistant to freezing and thawing than plain concrete. A-Train PR in hardened concrete reduces permeability and enhances the resistance to surface deterioration caused by de-icing chemicals.

Primary Applications

A-Train PR is suitable for ready-mix, precast concrete, concrete blocks and stepping stones applications. A-Train PR was designed to be used wherever air entrainment is required by concrete specifications and is particularly useful in: All commercial and residential concrete, mass concrete, high cement, low slump paving mixes, high carbon content fly ash mixes and concrete using high-alkali cement. A-Train PR can be used in white, colored and architectural concrete.

Features/Advantages

- Reduces permeability and enhances the resistance to surface deterioration caused by de-icing chemicals
- Superior resistance to freezing & thawing conditions compared to plain concrete
- Plasticity and workability is greatly improved, making it easier to flow into forms or pumped into place
- Aids in finishing and produces a more water tight concrete with a lower water cement ratio

How to Use / Dosage

Mixing: For results, the air entrainment should be dispensed separately into the mix with the initial batch water or on damp, fine aggregate.

Dosage: Amount to be used will vary with local materials and intended concrete performance requirements in the range of 4% to 6%. Typical addition rates range from .5 to 2 fl. oz. per 100 lbs. of cementitious material. Due to variations in concrete materials, job site conditions and applications, dosages outside of the recommended range may be required. In such cases, contact your local Riteks Construction Chemical Representative.

Note: A-Train PR does not contain calcium chloride or any chloride based components and is non-corrosive to reinforced, galvanized floor/ roof systems or prestressing steel.

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Specifications

Conforms to

- ASTM C 260
- CRD C 13
- AASHTO M 154

Packaging/Storage

5 gallon pail • 55 gallon drum
Totes • Bulk deliveries

Store between 32° F & 100° F. Product should be used within 12 months of delivery.

Health and Environmental Data

Before handling or using this product please refer to the Safety Data Sheet for complete health, safety and environmental information. Dispose of waste in accordance with local, state and federal regulations.



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