

Technical Data Sheet

Riteks™ Construction Admixture Chemicals

A-Train™ VR

Concentrated Vinsol-Resin Air-Entraining Admixture

General Description

A-Train VR is a concentrated neutralized vinsol resin admixture for entraining air in concrete. A-Train VR will increase resistance to damage from cyclic freeze/thawing and scaling from deicing salts and will improve plasticity and workability.

Features / Advantages

- Reduced segregation and bleeding
- Decreases damage from cyclic freezing and thawing
- Improves plasticity and workability
- Reduced permeability - increased watertightness
- Increased resistance to scaling from de-icing salts

How to Use / Dosage

Mixing: Add to the concrete mixture using a dispenser designed for air-entraining admixtures; or add manually using a suitable measuring device that ensures accuracy within plus or minus 3% of the required amount. For optimum, consistent performance, A-Train VR should be dispensed on damp, fine aggregate or with the initial batch water.

Dosage: Dosage rate will vary with each mix design based on types of cement, aggregates, ratios, etc. The amount of A-Train VR used will depend upon the amount of entrained air required under actual job conditions.

In a trial mixture, use 1/4 to 4 fl oz of A-Train VR to 100 lbs. of cementitious materials. In mixtures containing water-reducing or set-control admixtures, the amount of A-Train VR admixture needed may be somewhat less than the amount required in plain concrete. Frequent air content checks should be made during the course of the work. Adjustments to the dosage should be based on the amount of entrained air required in the mixture at the point of placement. Dosages outside of the recommended range may be required. In such cases, contact your local Riteks Construction Chemical Representative.

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

Primary Applications

A-Train VR was designed to be used where concrete is exposed to cyclic freezing and thawing or on difficult to entrain, low slump mixtures. Suitable for the following applications: Ready-Mix, precast concrete, concrete blocks and stepping stones.

Health and Environmental Data

Please refer to the Material Safety Data Sheet for complete health, safety and environmental information.

Packaging / Shelf Life

5 gallon pail • 55 gallon drum
Totes • Bulk deliveries

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

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