

# ConAir® VR

## Air Entraining Admixture for Concrete

### PRODUCT INFORMATION

#### PACKAGING

Packaged in 55 gallon drums, 275 gallon totes, and in bulk.

#### SHELF LIFE

2 years in original unopened container.

#### STORAGE

**ConAir® VR** should be stored at temperatures above 35°F (2°C) degrees. Although freezing does not harm the performance of **ConAir® VR**, precautions should be taken to protect it from freezing. If it should happen to freeze, thaw and reconstitute with mechanical agitation. **Do not use pressurized air for agitation.**

#### SPECIFICATIONS/COMPLIANCES

ASTM C260  
AASHTO M 154

### DESCRIPTION

**ConAir® VR** is an aqueous solution formulated for use as an air entraining admixture for concrete. **ConAir® VR** is manufactured under strict quality control standards to ensure uniform performance at the job site.

**ConAir® VR** introduces millions of uniformly sized and spaced air voids throughout the concrete mixture. Concrete containing these microscopic air bubbles has been proven to be far more resistant to freezing and thawing than non-air entrained concrete.

### PERFORMANCE BENEFITS

- Significantly improves freeze-thaw resistance
- Improves resistance to surface deterioration from de-icing chemicals
- Reduces permeability
- Improves workability
- Improves pumpability
- Reduces bleeding

### DOSAGE RATES AND DIRECTIONS FOR USE

**ConAir® VR** dosage will vary with mix materials and proportioning, as well as intended concrete performance requirements.

Typical **ConAir® VR** addition rates range from 0.2 to 5.0 oz/cwt of cementitious material. (13 to 325 mL/100kg)

For best results, each admixture must be batched at separate intervals with the initial or final batch water, and should not come in direct contact with any other admixture until they are mixed in the concrete batch. Admixtures should not come in contact with any dry cementitious material.

### TECHNICAL NOTES

**ConAir® VR** is compatible with Portland cements, Portland limestone cements, blended cements, class C and F fly ash, slag cements, silica fume, calcium chloride, and fibers. **ConAir® VR** can be used in all white, colored, and architectural concrete.

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## PRECAUTIONS/LIMITATIONS

This product does not contain calcium chloride or chloride containing compounds, and any chloride ions present are in trace amounts resulting from municipal water used during the manufacturing process.

This product is compatible with most other admixtures when added to the mix separately. Always conduct trial batches, prior to job applications, to confirm compatibility and to verify mix results. Contact your technical sales representative before dosing outside of recommended ranges or for assistance with specialty applications.

In all cases, consult the safety data sheet prior to use.

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