

### PRODUCT DESCRIPTION

RHW™ is ready to-use high-range Water reducing admixture is a patented new generation of admixture based on poly carboxylate chemistry. RHW™ admixture is particularly effective in producing concrete mixtures that provide longer “working time” for placement and finishing operations, without compromising very high early strength requirements. RHW™ admixture meets ASTM C 494/C 494M Requirements for Type A, water-reducing, and Type F, high-range water-reducing, admixtures.

### PRODUCT FEATURES

- Maximum dosage effectiveness for a given water reduction
- Controlled rheology
- Improved retention of slump and workability
- Strength enhancement package

### HOW TO USE

#### DOSAGE

RHW™ admixture has a recommended dosage range of 130-780 mL/100 kg of cementitious materials. For most applications, dosages in the range of 130-360 mL/100 kg will provide excellent performance. For very high performance and self-consolidating concrete mixtures, up to 780 mL/100 kg of cementitious materials can be utilized. Because of variations in concrete materials, job site conditions and/or applications, dosages outside of the recommended range may be required. In such cases, contact AFZIR sales representative.

#### MIXING

RHW™ admixture can be added with the initial batch water or as a delayed addition. However, optimum water reduction is generally obtained with a delayed addition.

### APPLICATION

Recommended for use in:

- Concrete with varying water reduction requirements (5-40%)
- Concrete applications requiring very high-early strength development
- Concrete where high flow ability, increased stability and durability are needed
- Self-consolidating concrete
- Strength-on-demand concrete, such as 4x4™ Concrete

### STORAGE

AHW™ admixture must be stored at temperatures above 5°C. If AHW™ admixture freezes, it can be thawed by warming and reconstituted by mechanical agitation.

Do not use pressurized air for agitation.

### PACKAGING

RHW™ is supplied in 208 L drums, 275 1040 L totes and by bulk delivery.

### SHELF LIFE

RHW™ admixture has a minimum shelf life of 6 months. Depending on storage conditions, the shelf life may be greater than stated. To ensure the longest



Set Retarding High Range Water Reducing Admixture - RHW™

shelf life potential, recirculation is recommended. Please contact your local sales representative regarding suitability for use and dosage recommendations if the shelf life of AHW™ admixture has been exceeded.

### SAFETY

In case of contact with skin or eyes, rinse thoroughly with water. If irritation persists, seek medical attention.

If swallowed, do not induce vomiting and seek medical attention.

### DISCLAIMER OF LIABILITY

AFZIR, LLC warrants its products to be free from manufacturing defects. Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product. Any claim for breach of this warranty must be brought within six months of the date of purchase.

AFZIR shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory.

The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production.