

### PRODUCT DESCRIPTION

MWR™ is a liquid admixture based on naphthalene polymer associated with chemical synthesis products. MWR™ high workability concrete requiring little or no vibration during placement. MWR™ provides up to 25% reduction in free water without loss of workability, resulting in high-quality concrete of reduced permeability and increased early strength gain.

### PRODUCT FEATURES

- As a superplasticizer for facilitating concrete placement
- As a normal water-reducing admixture to enhance mechanical properties at all ages
- Cement content optimized for desired mechanical strength
- No segregation
- High strength hardening accelerator
- Safe with pre-stressed concrete

### HOW TO USE

#### DOSAGE

Range of dosage rates: From 0.5 to 3 kg / 100 kg of cement  
The maximum efficiency of MWR™ will be determined after trial batches.

#### MIXING

MWR™ is totally miscible in water. It can be added to the concrete just before casting. Mix with concrete for at least 2 minutes before casting.

#### APPLICATION

MWR™ is recommended for all cement types, in the following areas:

- Heavily reinforced concrete works
- Paving and industrial floor
- Ready-mix concrete
- Precast concrete elements
- Concrete placement at low temperatures
- All concrete requiring fluid consistency
- Concrete with low W/C

#### STORAGE

MWR™ can be stored up to 1 year from manufacturing date under cover, out of direct sunlight and protected from extreme temperatures

#### PACKAGING

MWR™ is supplied in: Bulk 200 and 25 lit. drums.

#### SAFETY

In case of frost, the product recovers its properties after progressive thawing and homogenizing by agitation. 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.



Mid-Range Water Reducing Admixture - MWR™

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.