

PRODUCT DESCRIPTION

NWR™ is a normal-setting, water-reducing admixture for concrete. By varying the dosage rate, it can be used as a normal, mid-range and high-range water-reducing admixture. It improves the quality of concrete by decreasing the water-to-cementitious ratio. NWR™ is designed to facilitate the placing and finishing of ready-mixed concrete.

PRODUCT FEATURES

- Provides easier handling and finishing
- Increases strength
- Provides increased durability
- Reduces shrinkage and permeability

PRODUCT USES

NWR™ is used in all concrete where ease of placement, normal set times and increased workability are desired. NWR™ is used in all flatwork, curb mixes and walls. NWR™ provides concrete with lower permeability, little or no bleeding and greater workability at the surface, and in summary provides the following advantages:

- Increased workability and finish ability without extending set time, even in mixes with reduced amounts of cementitious material
- Reduced segregation, even with very high slumps
- Increased pump ability
- Increased relative durability to freezing and thawing
- Increased compressive and flexural strength
- Superior finishing characteristics for flatwork, walls, curb and tilt-up
- Better retention of slump than conventional water reducers

HOW TO USE**DOSAGE**

NWR™ is recommended for use at a dose of 195 to 780 mL per 100 kg of cementitious material. Contact AFZIR Technical Services Department for recommended dosages and for assistance when using the product, if using this product outside recommended dosage ranges or when combining with other admixtures.

APPLICATION

NWR™ is typically added with the initial mixing water or incorporated with the final water at the end of the batch sequence. NWR™ can be added at the jobsite if required.

LIMITATIONS

- Care should be taken to maintain NWR™ above freezing; however, freezing and subsequent thawing will not harm the material if thoroughly agitated.
- Add to mix independent of other admixtures.
- In all cases, consult the Safety Data Sheet before use.

PACKAGING

NWR™ is available by bulk delivery, in 208 L drums and 1,041 L totes.



Normal Water Reducing Admixture - NWR™

STORAGE

NWR™ can be stored for 18 months in sealed containers. NWR™ may freeze at temperatures below 0°C. Although freezing does not harm NWR™, precautions should be taken to protect it from freezing. If it should freeze, thaw and reconstitute with mechanical agitation. Do not use pressurized air for agitation.

SHELF LIFE

1 year in original, unopened package.

SAFETY

Choose all appropriate safety equipment before use. For further and complete information about the safe use of our product, please refer to the latest version of our Safety Data Sheet.

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.