OptiFlo® N2A

Multi-Range Water-Reducing Admixture for Concrete

Premiere
Concrete Admixtures

PRODUCT INFORMATION

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

SHELF LIFE
2 years in original unopened container.

STORAGE
OptiFlo® N2A may freeze at temperatures below 35ºF (2ºC). Although freezing does not harm **OptiFlo® N2A**, 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 C494 Type A and G
AASHTO M 194 Type A and G

DESCRIPTION

OptiFlo® N2A is a water-reducing chemical admixture, that is formulated to enhance the quality and performance characteristics of plastic and hardened concrete. Its unique chemistry optimizes hydration of the cementitious materials in the concrete. Powerful finishing aids in **OptiFlo® N2A** provide lubricity and improved paste qualities for superior concrete finishability, reducing labor costs and providing a superior finished concrete appearance.

PERFORMANCE BENEFITS

- Reduces w/cm ratio
- Increases compressive/ flexural strengths
- Provides normal setting characteristics
- Provides superior finishability
- Improves surface quality
- Improves workability
- Improves pumpability
- Reduces cracking potential

DOSAGE RATES AND DIRECTIONS FOR USE

Important: Recommended dosage applies when no additional water reducers are included in the mix design. When using water reducing admixtures in combination, the dosage will vary to meet ASTM standards. Consult your local technical sales rep for those combination dosages.

By varying the dosage rate, **OptiFlo® N2A** can be used as a low-range, mid-range, or high-range water reducing admixture.

Recommended Dosage OptiFlo® N2A		
Low-Range Water Reducer Applications	3 - 5 oz/cwt	195 – 325 mL/100kg
Mid-Range Water Reducer Applications	5 - 12 oz/cwt	325 – 780 mL/100kg
High-Range Water Reducer Applications	12 – 16 oz/cwt	780-1040 mL/100kg
Dosage is per hundred-weight of cementitious material.		

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

OptiFlo® N2A is compatible with Portland cements, Portland limestone cements, blended cements, class C and F fly ash, slag cements, silica fume, calcium chloride, and fibers. **OptiFlo® N2A** can be used in all white, colored, and architectural concrete.

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 compatiblity 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.