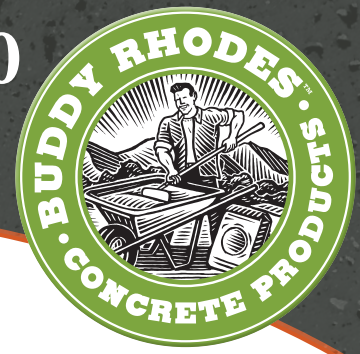


Buddy Rhodes™ Water Reducer 420

High Range Water Reducer/Superplasticizer



NOTE: Due to raw material changes, Water Reducer 420 has been **DISCONTINUED**.

Water Reducer 444 is a suitable alternative for all applications. Dosage rates are similar, but test batches should be made to confirm optimal dosage for specific applications.

Product Overview

Water Reducer 420 is a plasticizer designed to be especially effective with mixes that have a high content of finer sands and particles. It can be used to achieve a homogeneous flow in mixes with high fines, a softer flow in mixes like GFRC, and can soften a mix slightly without imparting too much sag or slump. Water Reducer 420 is often used to temper mixes that have been plasticized with Water Reducer 310 or Water Reducer 205. This combination of water reducers allows the fabricator a wide range of possibilities in responding to environmental conditions.

Typical Uses

- GFRC Mixes
- Precast Concrete
- SCC Concrete
- High Early Strength Concrete
- High Performance Concrete
- Suitable with All Cement Types

Dosage

Water Reducer 420 can be used at a dosage of up to 2.00% of cement weight in a given mix. This product should either be added to the mix water or at the end of the mixing cycle.

Caution - do not overdose water reducers. The ultimate indicator of an overdose of plasticizer is segregation of the mix. Make test batches prior to production to ensure optimum dosage.

Precautions

- Avoid prolonged exposure to high temperatures.
- Protect from frost. If the product freezes, it will recover its properties after thawing and mixing thoroughly.

Product Specifications

Color: Off-White

Dosage Range: 0.25 to 2.00% of cement weight

Specific Gravity: 1.060 ± 0.010

pH: 5.00 ± 1.00

Solid Content (halogen):
29.00% ± 1.40%

Solid Content (EN 480-8):
29.00% ± 1.40%

Na₂O Equivalent: ≤ 1.00%

Cl⁻ Ions Content: ≤ 0.10%



Download our Catalog of Concrete Products and Techniques available at:

www.buddyrhodes.com

Call us at: (877) 706-5303 or (610) 252-5800