

## RI-L18®

Normal/Retarded Set  
Mid- to High-Range  
Water Reducer and Plasticizer

### DESCRIPTION

**RI-L18-Beta** is an economical multi-function water-reducing admixture. Depending upon the dosage used, **RI-L18-Beta** can conform to all specifications of ASTM C494. It is a highly processed non-chloride liquid copolymer. **RI-L18-Beta** acts as a cement catalyst producing high strength and durability, reducing water/cement ratio, reducing shrinkage and increasing workability for a controlled period.

**RI-L18-Beta** is produced under strict quality control conditions specifically for the Ready-Mix Concrete and General Construction Industries.

### ADVANTAGES

- Increases compressive strength by 50% or more.
- Reduces water requirement by 5% to 18% (depending on dosage)
- Reduces cracking by minimizing plastic shrinkage
- Improves workability; particularly at low slumps
- Extended initial slump at higher dosages
- At lower dosages, normal initial set does not delay proper placement and finishing in cold weather

### TECHNICAL INFORMATION

**RI-L18-Beta** does not entrain air, but is generally compatible with most air-entraining agents. It can also be used in conjunction

with accelerators, fly ash and other pozzolans as well as other admixtures. Please consult with our technical department or test for compatibility before using **RI-L18-Beta** with other admixtures.

**Specification:** ASTM C494; Types: A, F & G.

### APPLICATION

The typical dosage of **RI-L18-Beta** is 2oz. to 8oz. per 100Lbs. of cement depending on the requirements of the mix. Higher dosages may be used to reduce further the water/cement ratio, though overdosages of up to double and triple of normal will not harm the concrete mix.

### PACKAGING

Standard packaging is 53-gallon (200 L) drums. Special packaging is available upon request.

WARRANTY: This information is to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale only to industrial and commercial customers. We ask that customers inspect and test our products before use to satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, express or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. All patent, copyright and trademark rights are reserved. The exclusive remedy for all proven claims is replacement of our materials; in no event shall we be liable for special, incidental or consequential damages.