



# 1800 SUPER-ADMIX FOR MORTAR AND GROUT

It is **HIGHLY RECOMMENDED THAT THE TECHNICAL DEPARTMENT BE CONTACTED PRIOR TO** the use of **MOXIE 1800 SUPER-ADMIX**.

**RATE/USE:** 15 oz. per 94 lb sack, 16 oz. per 100 lb, .16 oz per lb, **1.6 oz** per 10 lb of portland cement for use in mortar and grout applications. For example when mixing TWO 94 lb bags of portland cement or cement/sand pre-mix in the mixing drum or container, use 30 ounces of MOXIE 1800 SUPER-ADMIX. Reduce the amount of water used by this same amount. Water may be further reduced by approximately 10% to 15%. When using a 100 lb bag of portland cement use 16 oz of MOXIE 1800 SUPER-ADMIX per bag

## **PROCEDURE:**

- 1) Start with a clean mixing drum or container, clean as usual thereafter.
- 2) Add the proper dosage of MOXIE 1800 SUPER-ADMIX to A MINIMUM OF 20%, UP to 100% OF THE MIX WATER to be used, to the mixing drum or container.
- 3) Rotate the mixing drum or mix thoroughly for approximately 30 revolutions or 2-3 minutes, only to insure adequate mixing (ASTM C94).
- 4) Add the dry cement and sand and the remaining amount of water. **Deduct the quantity of MOXIE 1800 SUPER-ADMIX used from the total quantity of water used.**
- 5) Mix thoroughly for approximately **15 minutes, 70-100 revolutions**, at no less than 4 rpm, before use as called for in standard ready mixed practices. **THIS TIME IS NOT IN ADDITION TO THE STANDARD MIXING TIME.**
- 6) Wash mixing container or drum out as usual. Clean up is much easier

It is **EXTREMELY IMPORTANT** that these directions are followed in **EXACT SEQUENCE** in order to obtain the maximum benefits and results. MOXIE 1800 SUPER-ADMIX is clear, odorless, non-toxic, and is not detrimental to the equipment, including the mixing drum. Clean-up of tools and equipment is easier. It is not recommended to use any latex densifying, accelerating, air-entraining, finishing, plasticizers, pumping-quality, dustproofing compounds, efflorescence inhibitors, or water reducing admixtures. If any other admixture is specified, mix separately and start with **HALF THE NORMAL DOSAGE of the other admixture manufacturer's recommended dosage, adjust accordingly.** If ambient temperature exceeds 85°F a retarder may be used.

## **ON SITE CONDITIONS**

- 1) **CURING:** MOXIE 1800 SUPER-ADMIX **IS AN INTEGRAL CURING COMPOUND** which restricts the loss of water to that of a membrane forming curing compound. **Do not use any curing compounds, DO NOT CURE BY FLOODING WITH WATER. Flooding with water will cause shrinkage cracking.** Fog mist only with water if necessary if temperature exceeds 85°F.
- 2) **TEMPERATURE:** If ambient temperature drops below 50°F rotate mixer an additional 4 - 5 min. at mix speed, on-site, prior to troweling. MOXIE **Fastset50** Accelerator, a non-chloride, set accelerator may be used to reduce set time up to 50 percent at maximum dosage. Consult the **Fastset50** Accelerator cut sheet or MOXIE International for proper dosage.
- 3) **SLUMP:** Maximum benefits have been achieved maintaining a 3" to 3½" slump.
- 4) **WORKABILITY:** Mortar or grout will appear to be dry, however it will have more fluid workability and finishing characteristics.
- 5) **LOSS:** Due to the cohesive nature of MOXIE 1800 SUPER-ADMIX, there should be no loss from troweling. Any loss from troweling indicates excessive water. Reduce the amount of water.
- 6) **CLEAN-UP:** Tools and equipment clean-up is much easier.
- 7) **SPECIAL REQUIREMENTS:** If there are any additional or special requirements please contact Technical Services.

**NOTE: ASTM. C94 SPECIFICATIONS FOR READY MIXED CONCRETE, ACI 304 MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE, 305R HOT WEATHER CONCRETING, 306R COLD WEATHER CONCRETING, STANDARDS APPLY. TAKE NECESSARY SAFEGUARDS AND PRECAUTIONS, PROVIDE ADEQUATE PROTECTION FOR MORTAR AND GROUT DURING THE FIRST 72 HOURS AGAINST FREEZING OR 7 DAYS IN HIGH TEMPERATURES.**