

APPLICATION PROCEDURES



MOXIE SHIELD 1700

STUCCO & PLASTER WATERPROOFING ADMIX

PRODUCT OVERVIEW

MOXIE SHIELD 1700 Stucco & Plaster Waterproofing Admixture is a liquid chemical admixture designed for especially designed for vertical, thin-layered cementitious construction. MOXIE SHIELD 1700 Stucco & Plaster Waterproofing Admixture creates a complex chemical reaction by converting the by-products of cement hydration into a higher density cementitious material creating an impermeable substrate. The unique chemistry of MOXIE SHIELD 1700 Stucco & Plaster Waterproofing Admixture forms an integral colloidal gel membrane prior to initial set. These colloidal gels eliminate the formation of capillary pathways and restrict the rapid evaporation of surface water.

NEED MORE HELP?

Please contact our technical support experts at tech@moxieinternational.com or call (844) 845-1975.

MIXING PROCEDURES

IT IS HIGHLY RECOMMENDED THAT THE MOXIE TECHNICAL DEPARTMENT BE CONTACTED PRIOR TO USING MOXIE SHIELD 1700. 844-845-1975 OR TECH@MOXIEINTERNATIONAL.COM

DOSAGE RATE

16 to 24 oz per cwt (1040 to 1565 ml/100kg) of cementitious materials. Include any other cementitious materials (such as fly ash) in the calculation. Example 1: when mixing a batch with 1 bag of cement weighing 94 pounds, add 15 to 22.5 fluid ounces of MOXIE SHIELD 1700 Stucco & Plaster Waterproofing Admixture. Example 2: when mixing a batch with 1 bag of cement weighing 100 pounds, add 16 to 24 fluid ounces of MOXIE SHIELD 1700 Stucco & Plaster Waterproofing Admixture.

Water/cement ratio: Do not exceed a 0.52 w/(c+p) ratio regardless of slump/workability.

MIXING

Moxie International always recommends trial batching when using additional admixtures

1. Start with a clean mixer.
2. Pre-blend the proper amount of MOXIE SHIELD 1700 Stucco & Plaster Waterproofing Admixture with a minimum of 20% of the batch water.
3. Reduce batch water amount by the same amount of MOXIE SHIELD 1700 Stucco & Plaster Waterproofing Admixture that was added. Workability will be enhanced due to the MOXIE SHIELD admixture. Batch water may need to be further reduced than expected.
4. Continue the batching process including cementitious materials, aggregates, remaining batch water and other additives. Do not use chloride-based set accelerators.
5. There are no special cleaning procedures required. Clean tools, mixer and pump as usual.