



Vapourproofing Concrete. Strengthening Foundations.

MOXIE SHIELD 1800 ADMIXTURE STUCCO & PLASTER PROCEDURES



NEED MORE HELP?

Please contact our technical experts at tech@moxieshield.com or call (888)-550-7998

It is recommended that the Technical Department be contacted prior to the use of Moxie Shield 1800 Admixture.

PRODUCT OVERVIEW

Moxie Shield 1800 Admixture is a liquid chemical admixture used for Portland cement-based plaster or stucco that converts the byproducts of cement hydration into a higher density cementitious material. Use Moxie Shield 1800 Admixture to reduce water and vapor migration through the substrate, reduce cracking, efflorescence, and carbonation, provide acid resistance, and protect internal wire from corrosion.

PREPARATION

Typical stucco mixing equipment can be used. All equipment should be appropriate and suitable in accordance with the requirements of ACI 524R. Ensure all surfaces are prepared in accordance with ACI 524R. Prepare and construct the substrate in accordance with ASTM C1063 Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster.

MIXING PROCEDURES

When mixing with Moxie Shield 1800 Admixture for the first time, Moxie International recommends the first batch be small, which allows the installation team to get familiar with the feel of the new mix. If other admixtures or additives are to be used in the stucco mix design, please contact the Moxie Technical Department.

DOSAGE RATE: 15-22 oz per 94 lb sack of cement, or 15.96-23.40 oz per cwt (1038-1526 ml/100 kg) of cementitious materials. Contact the Moxie Technical Department for exact dosage recommendation based on individual mix design and application.

MIXING:

1. It is recommended to use Moxie Shield 1800 Admixture in the scratch, brown and cement-based color coats for stucco. Test color coat sample for shade/tone. Suitable for "one coat" stucco processes.
2. Start with a clean mixing drum.
3. Add the proper dosage of Moxie Shield 1800 Admixture to a minimum of 20% of the batch water. Reduce batch water volume by the same amount of Moxie Shield 1800 Admixture that was added or mix to appropriate workability/consistency.
4. There are no special cleaning procedures required for the mixing drum, wash as usual.

APPLICATION

ASTM C926 Standard Specification for Application of Portland Cement-Based Plaster must be followed by the applicator to ensure proper application of plaster.

NOTE

TAKE NECESSARY SAFEGUARDS AND PRECAUTIONS. PROVIDE ADEQUATE PROTECTION FOR FINISHED PRODUCT DURING THE FIRST 72 HOURS AGAINST FREEZING OR 7 DAYS IN HIGH TEMPERATURES.