



Vapourproofing Concrete. Strengthening Foundations.

## **MOXIE SHIELD 1800 ADMIXTURE STUCCO & PLASTER PROCEDURES**



### **NEED MORE HELP?**

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

**It is highly 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 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**

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 prior to mixing to verify compatibility: (888)-550-7998 .

**DOSAGE RATE:** 15 to 22 fl. oz per 94 lb sack of cementitious material or 16-24 fl. oz per 100 lbs of cementitious material or 1,043-1,565 ml per 100 kg of cementitious material.

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.

Add the proper dosage of Moxie Shield 1800 Admixture to a minimum of 20% batch water into a clean mixing drum. Reduce the batch water volume by the equal amount of Moxie Shield 1800 Admixture added or mix to appropriate workability/consistency.

#### **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**

**CONTACT THE MOXIE TECHNICAL DEPARTMENT (888)-550-7998 WITH ANY ADDITIONAL QUESTIONS. TAKE NECESSARY SAFEGUARDS AND PRECAUTIONS. PROVIDE ADEQUATE PROTECTION FOR FINISHED PRODUCT DURING THE FIRST 72 HOURS AGAINST FREEZING OR 7 DAYS IN HIGH TEMPERATURES.**