



Vapourproofing Concrete. Strengthening Foundations.

MOXIE SHIELD FASTSET50 ACCELERATOR PROCEDURES



VOLUMETRIC MIXING

Moxie Shield 1800 Admixture can be proportioned in the mix water tank. Reduce the gallons of water by the gallons of Moxie Shield 1800 Admixture added. Be sure to take into consideration the free moisture in the aggregates. Under dosing will produce unfavorable results.

MOXIE ALWAYS RECOMMENDS TRIAL BATCHING

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 Fastset50 Accelerator.

PRODUCT OVERVIEW

Moxie Shield Fastset50 Accelerator is a non-chloride, set accelerating admixture specifically formulated for use with Moxie Shield 1800 Admixture. Suitable for use in sub-freezing temperatures or when accelerated concrete set times are required. Low dosage requirements produce an economical set accelerator which outperforms calcium chloride and salts of sodium without corrosive qualities. Adhesion characteristics of the concrete surface are unaffected, providing a surface dry condition necessary for coatings, paint, or floor coverings to be applied. Ideal for use with concrete, stucco, shotcrete, mortar, and white Portland cement pool plaster applications.

CONCRETE & SITE PREPARATION

All equipment should be appropriate and suitable in accordance with the requirements of ASTM C94 Specifications for Ready Mixed Concrete. Ensure all concrete is prepared and placed in accordance with ACI 304 Measuring, Mixing, Transporting and Placing Concrete.

MIXING PROCEDURES

Moxie Shield Fastset50 Accelerator is specifically formulated to be used with Moxie Shield 1800 Admixture. **DO NOT USE AS A SINGLE COMPONENT.** Moxie International always recommends trial batching.

DOSAGE RATE: Moxie Shield Fastset50 Accelerator should be added to Moxie Shield 1800 Admixture at a maximum rate of 6.4 oz (189 ml) per gallon of Moxie Shield 1800. Mix thoroughly prior to use. **Do not exceed maximum dosage.** Comply with the dosage requirements of Moxie Shield 1800 Admixture at the recommended 10 oz per 94 lb sack of cement, or 10.64 oz per cwt (692 ml/100 kg) of cementitious materials; or 15.96-25.53 oz per cwt (1038-1561 ml/100 kg) of cementitious material for mortar, stucco, shotcrete, or if a higher performance dosage is required.

TECHNICAL DATA

Maximum dosage accelerates concrete set times by up to 50% at 50° F. Slight white flake precipitate may appear and will dissolve permanently upon re-mixing. Sub-freezing ambient temperature may require hot or boiling water in addition to Moxie Shield Fastset50 Accelerator. Sub-freezing concrete placement as low as 8° F; does not affect water demand. Ambient temperatures and concrete temperatures may vary set times. Follow ACI 306R Cold Weather Concreting.

PHYSICAL CHARACTERISTICS:

Dispersion: Liquid	Flammability: None	Freezing: 32° F
Appearance: Colorless	Flash Point: 375° F	Shelf Life: Indefinite
Odor: Slight ammonia	pH: N/A	VOC: 0.25 Wt%