



## #14-163 Easy-Spred™ Mortar Additive

### PRODUCT

Easy-Spred™ is a proprietary pozzolanic formulation that is used as a plasticizer in conjunction with Portland cement, aggregate and water to produce mortar, plaster or grout or as an admixture to enhance the performance of other cementitious materials. Easy-Spred™ is user friendly, non-toxic and safe to the skin.

### PERFORMANCE CHARACTERISTICS

Mortars, plasters or grouts that contain Easy-Spred™ have the following characteristics:

- Exceptional workability and board-life
- High compressive and bond strength
- Less early stage drying and shrinkage of mortar and plaster
- Less efflorescence
- Superior pump-ability
- Less segregation
- More consistent color with later disbursement when using pigment.

### BUILDING CODE EVALUATION REPORTS FOR EASY-SPRED™

Easy-Spred™ is recognized as an acceptable lime alternate in masonry mortars by the following building code body evaluation services and regulatory agencies:

- ICC Legacy Report (ICBO) # 3759
- ICC Legacy Report (BOCA) #80-55.01
- ICC Legacy Report (SBCCI) #9419B
- City of Los Angeles Research Report #24375
- State of California Title 24 (Product Acceptance #PA-016).

### EASY-SPRED™ MORTAR MIX RATIO TABLE AND ADMIXTURE DOSAGE RATE

When used as a plasticizer in conjunction with Portland cement and aggregate, the following table sets forth the mix ratios that will produce a mortar that complies with

ASTM C-270 Mortar for Unit Masonry -  
Property Specifications:

Mortar Type	Portland Cement (94 lb. bag)	Easy-Spred (7 lb. bag)	Aggregate (Cubic Feet)
O	1	2	9
N	1	1	6
S	2	1	9
M	2	1/2 -1	6

When used as an admixture, use approximately 1/8 to 1/4 of a bag of Easy-Spred™ per bag of Portland, Portland-lime, masonry, mortar, plastic or stucco cement.

### MIXING INSTRUCTIONS

The following mixing instructions are to be adhered to in order to achieve optimal field results:

1. Start mixer
2. Add most of mixing water (at least 2/3 of water)
3. Add Easy-Spred™ while mixer is running and mix for 1-1 1/2 minutes with water only.
4. Add cement, sand and remaining water in usual sequence
5. Mix until desired workability achieved (total mixing time 6-8 minutes)

### CERTIFICATION

Easy-Spred™ is guaranteed, when shipped, to produce a mortar complying with the property specifications of ASTM C-270, "Mortar for Unit Masonry," for mortar types N, S & M when mixed with appropriate proportions of Portland Cement (ASTM C 150) and masonry sand (ASTM C 144) as indicated on the bag. Portland Cement/Easy-Spred™ mortar meets UBC 21-14 mortar cement requirements and "Acceptance Criteria for Mortar with Admixtures (CLR)." Easy-Spred™ does not contain any deleterious materials including epoxy resins and derivatives, phenols, asbestos fibers and fireclays or corrosive substances such as calcium chloride.