



**El Rey[®]
Stucco**

FASTWALL[®]

**FIBER REINFORCED
ONE COAT STUCCO BASE
CONCENTRATE**

80 LB. NET WT. (36.28 KG.)

FastWall[®] Concentrate

Description:

- A. A fiber reinforced portland cement basecoat.
- B. Factory prepared mixture of portland cement, lime, fibers, and other proprietary ingredients.
- C. Specified sand (ASTM C 897) is added at jobsite.
- D. Color: Gray.

Uses:

- A. FastWall can be applied over properly prepared masonry and concrete, and code-conforming lath assemblies.
- B. FastWall can be applied over a variety of substrates including expanded polystyrene (EPS) or extruded polystyrene (XPS) foam board for added insulation value, and wood-based and gypsum-based sheathing. Review local code installation requirements and ICC ES Evaluation Report 5129.
- C. Can be used as a component of a wall to achieve a 1-hour fire resistance rating. Refer to applicable codes for requirements.

Available Upgrades:

- A. Stucco Enhancer
- B. KrakMaster™
- C. Superior Bond 100
- D. Premium Stucco Finish
- E. Perma-Flex 400 Conditioner (w/Perma-Flex finish only)
- F. Colored Primer
- G. Perma-Flex Acrylic Finish

Composition:

- A. Binder consists of portland cement, including fibers and proprietary compounds for curing and workability.
- B. Fiber: Synthetic.

Key Physical Properties:

Meets code criteria for exterior cementitious coating.
Please refer to ICC ES Legacy Report (ER-5129).

Coverage:

FastWall w/200 to 240 lbs. (90.7–108.8kg) sand added per bag:
Approx. 92–105 sq. ft (8.5–9.7m²) at 3/8" (10mm) thickness. 46–52 sq. ft (4.2–4.8m²) at 3/4" (20mm) thickness.

Packaging:

- 80lb. (36.3kg) net weight in a multi-wall bag.
- A. Storage: Store off ground and protect from weather.
- B. Shelf life: One year.

Working Time:

30-45 minutes after mixing, depending on conditions.

Job Procedure

A. Preparation:

1. Wood-based sheathing should be gapped 1/8 inch (3mm) at all edges to accommodate thermal expansion and contraction.
2. On framed substrates cover exterior grade wood-based or exterior grade gypsum based sheathings with two layers of a minimum of a grade "D" asphalt-saturated Kraft paper. All other sheathed substrates require one layer of a minimum Grade "D" asphalt-saturated Kraft paper. For applications over foam plastic insulation board, one layer of paper may be used, having a "60 minute" rating. Please see Reference Standards Summary. Also conform to all local codes and agencies having jurisdiction. FastWall requires weather barriers installed and flashed in accordance with the building code and to form a water-shedding surface.
3. Lath shall be installed in accordance with ASTM C 1063. Metal lath shall be free of rust, oil, or other foreign matter.
4. On masonry, apply only to surfaces that are sound, clean, unpainted, and free of any residue which may affect the ability of FastWall to bond to the surface. Solid bases shall have sufficient suction (ability to absorb water) or surface roughness or both to ensure an adequate bond for FastWall. Solid surfaces not meeting these requirements may require El Rey Superior Bond 100. Call El Rey for details.
5. Form ties or other obstructions and projecting joint mortar shall be removed or trimmed back flush with the substrate surface.
6. Do not apply to substrates which are frozen or contain frost or ice.
7. Apply to surface prepared as for portland cement plaster.
8. El Rey® recommends the use of control joints with FastWall. Placement of the control and expansion joints is the responsibility of the design professional.

B. Mixing Instructions:

1. Add to plaster mixer 5 to 7 gallons (18.9 – 26.5 liters) of mixing water for each 80-pound (36.3kg) bag of FastWall Concentrate to be mixed in a batch. Exact amount is dependent on quantity and dampness of plaster sand, weather conditions, surface absorption and application technique. Mixing water shall

be clean, cool, potable and at a uniform temperature above 40°F/5°C. Maintain same water parameters for all batches to assure consistency and uniformity.

2. Next, slowly add FastWall to mixer followed by 200 to 240 lbs. (90.7 – 108.8kg) of clean plaster sand for each bag of FastWall in the batch. Plaster sand shall be clean, graded and conform to ASTM C 897.

Sand Type shall be graded in accordance with ASTM C 144, ASTM C 897, or within the following limits:

Sand Type	% Weight Retained (Cumulative)+/- 2%
No. 4	0
No. 8	0-10
No. 16	10-40
No. 30	30-65
No. 50	70-90
No. 100	95-100

NOTICE: FastWall must be installed in accordance with requirements of ICC ES Evaluation Report 5129, Section 4.2 by a listed applicator. ParexLahabra does not evaluate or endorse the qualifications or work of the listed applicators. Applicators must comply with other applicable regulations or agencies having jurisdiction.

3. Mix for 3-5 minutes until mortar-like consistency is achieved. Stop mixer and allow to slake for 8 minutes. Briefly remix before use (approximately 2 minutes).
4. No unapproved additives of any kind should be added under any circumstances.

C. Application:

1. Lightly dampen all masonry/concrete surfaces uniformly prior to applying FastWall. (Concrete or masonry should be completely moistened with water spray with no liquid water remaining on the surface prior to application).
2. FastWall shall be pumped or hand troweled to a 3/8" (10mm) thickness. FastWall may be applied as a 3/8" scratch coat followed by a 3/8" brown coat to a total thickness of 3/4". For applications of FastWall over 1/2" thick, apply in accordance with ASTM C 926. **Note:** No. 17 gage by 1 1/2" woven-wire, 2.5 lb. expanded metal lath, or 3.4 lb. expanded metal lath must be used for all stucco applications over 1/2" in total thickness. Install lath in accordance to ASTM C 1063.
3. Darby, then rod FastWall to a true and even plane. Float FastWall with a wood float to a rough surface to provide a mechanical key for colored cement based finish. Trowel FastWall smooth for acrylic finish. Finish to specified tolerances.

4. As an optional upgrade, embed KRAK-MASTER™ mesh into FastWall. Float the surface to ensure mesh is uniformly embedded, to promote densification of the coat and to provide a surface receptive to bonding of the finish coat.
5. Interrupt or discontinue FastWall application only at junctions of wall planes, openings or control joints to avoid cold joints and abrupt changes in the uniform appearance of succeeding coats. To prevent flash setting, protect the basecoat from extreme wind and heat (temperatures above 100°F/38° C). Flash setting can cause shrinkage cracks and soft basecoat, thus the need to protect FastWall from uneven and excessive evaporation.
6. Moist cure the installed base coat by uniformly applying a heavy spray of clean and potable water 4-5 times a day for at least 48 hours after application, or longer in dry weather. Ensure the entire thickness of FastWall stays moist. Follow manufacturer's instructions for applying finishes to FastWall.

NOTICE: If FastWall Concentrate or Sanded is acrylic polymer modified and El Rey® PREMIUM STUCCO Finish is used, then the PREMIUM STUCCO Finish must be acrylic modified as well. No unapproved additives are allowed.

Limitations:

1. FastWall shall not be applied when temperatures fall below 40°F within 48 hours during and following application.
2. FastWall should not be applied if ambient temperature exceeds 120°F (49°C) within 24 hours of application.
3. See packaging for handling precautions and product storage.
4. Always wear proper safety equipment, including particle mask, eye protection and gloves when mixing and/or applying this product.

Caution: Protect plaster from uneven curing or excessive evaporation or freezing 48 hours after application, or discoloration, streaking and/or evaporation may occur.

Job Name _____

Contractor _____

Date _____

Submittal Approvals: _____

Stamps or Signatures _____

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Stucco**

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