

## Scratch & Brown Concentrate



### DESCRIPTION:

- A factory controlled high-quality blend of portland cement, lime, fibers and proprietary additives that conforms to ASTM C926 which is designed as a replacement to job-site mixed scratch and brown basecoats.
- Sand conforming to ASTM C926 requirements is added at job site.
- Can be installed up to 1/2 in. (12.7mm) thick in one application.
- Color: Gray.

### USES:

- As a stucco base, apply Teifs Scratch & Brown over:
- Metal lath, including an appropriate water resistive barrier.
  - Properly prepared masonry and concrete substrates.

### COMPOSITION:

- Binder: Portland cement.
- Reinforcement: Polypropylene fibers.
- Add specified sand at job site.

### MATERIAL STANDARDS:

- Cement: ASTM C150
- Lime: ASTM C206
- Fibers: ASTM C1116

### PROPERTIES:

Meets code criteria for exterior portland cement plaster.

### COVERAGE:

Approximate Coverage, depending on the condition of substrate and the thickness of application is based on uniform thickness and zero waste factor (adjust accordingly):

- at 3/8 in. (9.5mm): 100-140 ft<sup>2</sup> (9.3-13 m<sup>2</sup>)
- at 3/4 in. (19mm): 50-70 ft<sup>2</sup> (4.6-6.5 m<sup>2</sup>)
- Coverage may vary due to ambient temperature, surface temperature, surface porosity, mixing methods, application methods, amount of water, wall type and metal lath type. Coverage must be verified in the field using the same procedures and conditions that will be present at the project.

### CONTAINER:

80 lbs. (36 kg) net weight in a multi-wall moisture-resistant bag.

- Storage: Store off ground and protect from rain and moisture.
- Shelf Life: 12 months of properly stored in the unopened original container.

### WORKING TIME:

Sets in 30-45 minutes after mixing, depending on conditions.

### SURFACE PREPARATION:

- On masonry and concrete, apply only to surfaces that are sound, clean, dry, unpainted, and free of any residue which may affect the ability of Teifs Scratch & Brown 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 Teifs Scratch & Brown.
- On lathed construction, apply to lathing installed in accordance with ASTM C1063.
- Teifs Scratch & Brown requires water-resistive barrier installed and flashed in accordance with the building code and to form a water-shedding surface. Stucco is not a water-resistive barrier.
- Install Water Resistive barrier (type and method of application) per Parex USA Stucco Application Guide or Specifications.
- Do not apply to substrates which are frozen or contain frost or ice.

- Apply to surface prepared for portland cement plaster. Mix and install scratch and brown coats in accordance with ASTM C926.
- For additional surface preparation options, contact Parex USA Technical Support.

#### MIXING:

- Use clean equipment for mixing and preparation.
- Mixing ratio: Mix 5.5-6.5 gal. (20.5-24.5L) of water and 3-4.5 cubic ft (240-360 lbs or 109-163 kg) of sand that conforms to ASTM C926 requirements to each bag of Teifs Scratch & Brown Concentrate at the time of use.
- Actual water and sand quantity will vary depending on the density, gradation and moisture content of the sand. Optimum sand additions depend on the sand gradation. Finer sand will result in a lower total sand addition to the Teifs Scratch & Brown Concentrate. Poor sand quality not conforming may cause cracking and weakened plaster.
- Use cool, clean, potable water; let hose run to clear it of hot water.
- Mix at low speed for a minimum of 3 minutes, until the mixture is smooth. Do not overmix; never mix more than 5 minutes.
- Mix each batch for the same amount of time.
- Mix same size batches using the same amount of water, to ensure consistency.
- For hand applications, stop mixer and allow mix to slake for 8 minutes.
- Briefly re-mix before using (approximately 2 minutes).
- Use Teifs Scratch & Brown immediately after mixing.
- Do not retemper Teifs Scratch & Brown.
- Parex USA Adacryl Acrylic Admix & Bonder as an admix: use up to 1 gal (3.8L) per bag of Teifs Scratch & Brown Concentrate. After the dry components and the majority of the water has been mixed, add the acrylic admix in place of 1 gal (3.8L) of water. Mix no longer than required to provide a uniform mixture. DO NOT OVER-MIX. Over-mixing entrains excessive amounts of air which weaken the material. Do not re-temper mixes over 20 minutes old.
- Only Parex USA approved additives can be added to this product.

*NOTE: If Parex USA Adacryl is mixed into Teifs Scratch & Brown and a portland cement-based stucco finish is used, then Parex USA Adacryl must be used in the portland cement-based stucco finish also. No unapproved additives are allowed.*

#### APPLICATION:

- Read the entire label before using this product. *NOTE: All materials are to be installed in compliance with local building code requirements, ASTM C926 and the current manufacturer's specifications. For more complete installation instructions, see the Parex USA Stucco Application Guide.*
- Thoroughly dampen concrete and masonry substrate if necessary before applying Teifs Scratch & Brown.
- Apply by hand trowel or plaster gun to a minimum thickness approximately 3/8 in. (9.5mm) thickness per coat. On lathed construction the total thickness of both coats together shall be 3/4-7/8 inch (19-22mm).
- Surface of the first or scratch coat shall be scored or horizontally or in one direction on ceilings to form a mechanical key for succeeding second or brown coat. Moist cure the scratch coat for 48 hours in accordance with the building code.
- For hand trowel applications dampen the surface of the dry Teifs Scratch & Brown as necessary prior to application of second coat. Darby, then rod the brown (second) coat to a true and even plane or specified tolerances. Float the brown coat uniformly to provide a surface receptive to the application of the finish coat.
- Interrupt Teifs Scratch & Brown 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.
- Teifs Scratch & Brown must be moist cured for the first 48 hours after it has set. Moist curing must be increased in dry weather and may be reduced in damp weather. There should be no visible water on the surface when a succeeding coat is applied.
- After moist curing, allow Teifs Scratch & Brown to dry thoroughly before applying acrylic primers or finishes.
- Allow Teifs Scratch & Brown to dry an additional 3 days if applying a Parex USA acrylic primer or additional 5 days if applying a Parex USA acrylic or portland cement finish.
- For portland cement-based stucco finish, lightly moisten the Teifs Scratch & Brown surface before application. *NOTE: When a portland cement finish coat is to be applied the surface must be open (not smooth) by floating.*

- The double back method is allowed per ASTM C926, the IBC and IRC.

#### LIMITATIONS:

- Ambient and surface temperature must be 40°F (4°C) or higher during application and drying time. Protect from freezing for a period of not less than 48 hours after set has occurred. Provide supplemental heat and protection from precipitation as needed.
- Ambient and surface temperatures must not exceed 120°F (49°C) during and 24 hours after application.
- Avoid application in direct sunlight in hot weather.
- For application to very dense or smooth concrete, contact Parex USA Tech Support for additional information.
- See package for handling precautions.
- Always wear proper safety equipment, including particle mask, eye protection and gloves when mixing and/or applying this product.

This information is designed to guide you and has been conscientiously compiled according to the latest state of our technology. Parex USA, Inc. assumes no liability, expressed or implied, in connection with the use of the product because of the great variety of applications and working conditions.

#### WARNING:

- Read complete warning information printed on product container prior to use. For medical emergency information, call 1-800-424-9300.
- For more information on handling this product refer to its Material Safety Data Sheet (MSDS). The most current MSDS and Product Data Sheet (PDS) can be found on our website.
- This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about the guidelines for the proper use and application of the covered product(s) under normal environmental and working conditions. Because each project is different, Parex USA, Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

**TEIFS**  
www.teifs.com

#### Corporate Office

Parex USA, Inc.  
4125 E. La Palma Ave., Suite 250  
Anaheim, CA 92807  
(866) 516-0061  
Tech Support: (800) 226-2424



**PAREXUSA**  
**SUSTAINABILITY**