One Coat
Stucco Base Sanded

DESCRIPTION:
- A fiber reinforced stucco base
- Factory prepared mixture of portland cement, fibers, sand and proprietary ingredients
- Can be installed 3/8-1/2 in. (9.5-12.7mm) thick in one application
- Color: Gray

USES:
- Stucco Base over:
  - Concrete
  - Masonry
  - Metal lath
- Lath is applied over:
  - Appropriate water resistive barrier over continuous sheathing
  - Expanded polystyrene (EPS). Per Parex USA Specification and Application Guide. (Not for Interior)

COMPOSITION:
- Binder: Portland cement
- Synthetic fibers
- Mineral and organic additives

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

PROPERTIES:
- Meets code criteria for exterior cementitious coating.
- ICC-ES Report ESR-2564 includes 1 hour fire-resistant assemblies.

COVERAGE:
Depending on the condition of the substrate and thickness of application approximate coverages per bag are:
- at 3/8 in. (9.5mm): 20-25 ft² (1.9-2.3 m²)
- at 1/2 in. (12.7mm): 15-19 ft² (1.4-1.8 m²)
- 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 lb (36 kg) net weight in a moisture resistant bag.
- Storage: Store off ground and protect from rain and moisture
- Shelf Life: Reference Parex USA Expiration Date of Products Technical Bulletin.

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 One Coat 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 One Coat Sanded.
- On lathed construction, apply to lathing installed in accordance with ASTM C1063.
- Teifs One Coat Sanded requires water-resistant barrier installed and flashed in accordance with building code and to form a water-shedding surface. Stucco is not a water-resistant barrier.
- Install water-resistant 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 as for portland cement plaster.
- For additional surface preparation options, contact Parex USA Technical Support.

MIXING:
- Use clean equipment for mixing and preparation.
- Mixing ratio: approximately 1.5 gal (5.6 L) water per 80 lb (36 kg) bag.
- First add approximately 90% of needed water in the mixer, then add the Teifs One Coat Sanded. When mixture becomes homogeneous, add remaining water. Mix at low speed for a minimum of 3 minutes, until the mixture is smooth.
- Do not overmix; never mix more than five minutes. Mix each batch for the same amount of time. Mix batches of the same size, using the same amount of water, to ensure consistency.
- Use cool, potable water; let hose run to clear if it is hot water.
- Use Teifs One Coat Sanded immediately after mixing.
- Do not retemper Teifs One Coat Sanded.

Test Method | ICC AC 11 Testing Criteria | Results
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Accelerated Weathering | ASTM G153 | 2000 Hours | No cracking, checking, crazing, erosion, or chalking.
| ASTM G155 | 2000 Hours | No cracking, checking, crazing, erosion, or chalking.
Flexural Strength | ASTM C348 | No AC 11 Requirement | 623 psi
Freeze-Thaw | ICC AC 11 | 10 cycles | No cracking, checking or crazing
Transverse Loads | ICC AC 11 | Allowable design loads | Refer to ESR 2564
Drainage | ICC AC 11 | 90% Efficiency required when EPS is used | Pass. Refer to ICC-ES ER-2564 for listed assemblies
Surface Burning Characteristics | ASTM E84 | Flame spread <25, Smoke Developed <450 | Flame Spread: 0, Smoke Developed: 0
Fire Resistance | ASTM E119 | One hour fire resistive rating | Pass. Refer to ICC-ES ESR-2564 for listed assemblies
Combustibility | ASTM E136 | Noncombustible Material | Pass
Multi-Story Fire Evaluation | UBC 17-6 | Required for Non-combustible Construction | Pass. Refer to ICC-ES ESR 2564 for assembly
Radiant Heat Exposure | NFPA 268 | Required for Non-combustible Construction | Pass. Refer to ICC-ES ESR 2564 for assembly

** These are typical laboratory test results but do not constitute a specification.
Parex USA Adacryl Acrylic Admix & Bonder: As an admix: Use up to 1 qt (1.0L) per bag of Teifs One Coat Sanded. After the dry components and the majority of the water has been mixed, add the acrylic admix in place of 1 qt. (1.0L) 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 may be added to this product.

NOTE: If Parex USA Adacryl is mixed into Teifs One Coat Sanded 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. For complete application procedures refer to ICC-ESR 2564.
- Thoroughly dampen concrete and masonry substrate if necessary before applying Teifs One Coat Sanded.
- Apply by hand trowel or plaster gun to a minimum 3/8 in. (9.5 mm) thickness. The maximum thickness applied in one pass should be 1/2 in. (12.7 mm).
- Level the surface directly after application or score the surface of the un-set plaster to provide a key for a subsequent coat. If applying Teifs One Coat Sanded at a thickness greater than 1/2” or for large ceiling areas apply a second coat after allowing the first coat to dry.
- If additional Teifs One Coat Sanded is not applied the same day, moisten the dry Teifs One Coat Sanded as necessary before applying second coat.

Keep stucco basecoat moist by fogging walls with water for the first 24-48 hours after initial hardening. Moist curing must be increased in dry weather and may be reduced in damp weather. Moist curing replaces mix water lost to evaporation and absorption. It improves hydration for strength and reduces volume-loss stresses. Insufficient moist curing can be a cause of cracking. Beyond 24 hours, additional moist and dry curing may also be needed to provide sufficient strength to the basecoat to resist the pressure of finish coat application.

- After moist curing, allow the stucco basecoat to air dry.
- For portland cement-based stucco finish, lightly moisten the surface of Teifs One Coat Sanded before application.

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 24 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 application and 24 hours after application.
- Avoid application in direct sunlight in hot weather. See packaging for handling precautions.
- For application to very dense or smooth concrete, contact Parex USA Technical Support for additional information.

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