

Acroflexsil™ Finish

DESCRIPTION

ACROFLEXSIL FINISH is a pre-mixed elastomeric, silicone enhanced, decorative textured finish. It is formulated with a 100% acrylic polymer to provide long-term weather resistance, durability, performance and maximum resistance to mildew growth.

USES

ACROFLEXSIL FINISH is primarily intended for use as a coating over non-textured exterior wall surfaces such as cured stucco, concrete and unit masonry. ACROFLEXSIL FINISH can also be used to provide an aesthetically pleasing surface color and texture for poured concrete, Acrowall-CBS, Acrowall-CP, conventional stucco, all Acrowall Surfacing Systems. Elastomeric finishes should not be applied indoors. UV-light is required for curing.

FEATURES

- Weather resistant
- Increased resistance to mold, mildew & airborne pollutants
- Increased vapor permeability
- Bridges hairline cracks
- Excellent flexibility
- Easy application
- Water clean up
- VOC compliant
- Good resistance to dirt pick-up

PACKAGING

30.8 kg per 19-liter pail (68 lbs per 5-gallon pail)

COLORS & TEXTURES

Available in Acrocrete's 48 standard colors and custom colors in a variety of textures to complement the design freedom of Acrocrete[®] wall systems or to impart the look of stucco on other exterior and interior walls.

COVERAGE

Coverage rates may vary depending on the coating texture porosity of substrate and application techniques.

Approximate coverages:

ACROFLEXSIL S05: coverage rate varies upon application

ACROFLEXSIL S10: 12.5 m² (135 ft²) per pail

ACROFLEXSIL S15: 9.8 m² (105 ft²) per pail

ACROFLEXSIL S20: 7.9 m² (85 ft²) per pail

ACROFLEXSIL T15: 11.1 m² (120 ft²) per pail

ACROFLEXSIL T20: 7.9 m² (85 ft²) per pail

TECHNICAL SUPPORT

Consult BASF Wall Systems' Technical Services Department for specific recommendations concerning all other applications. Consult the Acrocrete[®] website, www.acrocrete.basf.com, for additional information about products and systems and for updated literature.

MIXING

1. Thoroughly mix ACROFLEXSIL FINISH to a uniform workable consistency.
2. A small amount of clean, potable water may be added to adjust workability.
3. Additives are not permitted.
4. Close container when not in use.
5. Clean tools with soap and water immediately after use.

SURFACE PREPARATION

Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and other coatings. Fill cracks or voids with an appropriate, compatible material to provide a solid substrate prior to application of ACROFLEXSIL FINISH. Ensure patching material is dry prior to application of ACROFLEXSIL FINISH.

NOTE: The primers are more for color uniformity not for adhesion assistance.

Concrete:

1. Allow concrete to cure prior to application of ACROFLEXSIL FINISH.
2. Remove all projections, form lines and release agents.
3. When needed, apply ACROPRIMER™ to cured concrete with a sprayer, 10 mm (3/8") nap roller or good-quality latex paint brush at a rate of approximately 3.6–6.1 m² per liter (150–250 ft² per gallon). ACROPRIMER shall be dry to the touch before proceeding to the ACROFLEXSIL FINISH application.

Unit masonry:

1. Allow unit masonry to cure prior to application of ACROFLEXSIL FINISH.
2. Remove all loose mortar and projections.
3. When needed, apply a leveling coat of ACROBASE[®] HB to provide a smooth surface and minimize the likelihood of mortar joint read through prior to application of ACROFLEXSIL FINISH.

Stucco:

1. Allow stucco to cure before applying ACROFLEXSIL FINISH.
2. When needed, apply Acrocrete ACROPRIMER to cured stucco with a sprayer, 10 mm (3/8") nap roller or good-quality latex paint brush at a rate of approximately 3.6–6.1 m² per liter (150–250 ft² per gallon). ACROPRIMER shall be dry to the touch before proceeding to the ACROFLEXSIL FINISH application.

APPLICATION

1. Apply ACROFLEXSIL FINISH directly to the Acrocrete base coat/reinforcing mesh with a clean, stainless steel trowel.
2. Apply and level ACROFLEXSIL FINISH during the same operation to minimum obtainable thickness consistent with uniform coverage.
3. Maintain a wet edge on ACROFLEXSIL FINISH by applying and texturing continually over the wall surface.
4. Work ACROFLEXSIL FINISH to corners, joints or other natural breaks and do not allow material to dry within an uninterrupted wall area.
5. Float ACROFLEXSIL FINISH to achieve final texture.

LIMITATIONS

1. Cracks greater than 0.8 mm (1/32") must be pre-sealed.
2. Must be stored, applied and protected until dry at 4°C (40°F) or more.
3. Appearance of ACROFLEXSIL T15 and T20 might vary if floated by different mechanics.
4. Protect Acrocrete[®] materials during transportation and installation to avoid physical damage.
5. Store Acrocrete materials in a cool, dry place protected from freezing. Store at no less than 4°C (40°F). Protect from extreme heat and direct sunlight. Shelf life is two years when unopened and stored as directed.
6. Do not apply Acrocrete materials in ambient temperatures below 4°C (40°F). Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperatures less than 4°C (40°F) prevail.
7. Do not apply Acrocrete materials to frozen surfaces.
8. Select finish coat color with a light reflective value (LRV) of 20% or higher. The use of dark colors (LRV less than 20%) is not recommended with EIFS that incorporate expanded polystyrene (EPS). EPS has a sustained service temperature limitation of approximately 160°F (71°C).

HEALTH AND SAFETY

Caution

Contains acrylic polymer, inorganic filler, titanium dioxide, aromatic hydrocarbon, crystalline silica, water.

Risk

May scratch the eye if rubbed. May cause eye, skin and respiratory tract irritation. This product contains crystalline silica which is a chronic lung hazard if airborne dust is inhaled. In this physical form, the silica does not pose an inhalation hazard.

Precautions

Avoid getting in eyes, on skin, or on clothing. If TLV or PEL can be exceeded, wear respirator selected by a technically qualified person. Wear impervious gloves when handling. Wash thoroughly after handling. Wash contaminated clothing before reuse.

First Aid

1. For eye contact, do not rub eyes; rinse eyes with water. Remove any contact lenses, and continue flushing with plenty of water for several minutes. Seek medical attention if irritation develops and persists.
2. For skin contact, wash affected areas with plenty of water, and soap if available, for several minutes. Seek medical attention if irritation develops and persists.
3. If inhaled, remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.

Read Material Safety Data Sheet before using this product.

Proposition 65

This product contains materials listed by the state of California as known to cause cancer, birth defects or other reproductive harm.

VOC Content

38 g/l, or 0.32 lbs/gal less water and exempt solvents.
For medical emergencies only call Chemtrec at (800) 424-9300.

Note

BASF Wall Systems is an operating unit of BASF Construction Chemicals, LLC. (herein after referred to as "BASF Wall Systems")

Residential Policy

Apply wall systems in accordance with local building codes in force at the time of construction. On one and two-family residential framed construction, BASF Wall Systems requires that the wall system selected be one that includes provisions for moisture drainage. Please view the Acrocrete Residential Policy Bulletin on the Acrocrete website for a more detailed discussion of this topic.

Disclaimer

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