

Sahara Finish

100% acrylic polymer finish coat

COLORS

Available in a wide variety of standard and custom colors

PACKAGING

5 gallon pail (19 liter pail)

COVERAGE PER PAIL

Coverage rates vary depending on porosity of substrates and application techniques.

105 to 115 ft² (9.8 - 10.7 m²)

VOC

0.22-0.31 lbs/gal (26–37 g/l) less water and exempt solvents.

SHELF LIFE

Two (2) years when properly stored in original container.



DESCRIPTION

Factory-mixed, 100% acrylic polymer finish coat. Sahara Finish provides a uniform 1.5 mm “pebble” appearance.

USES

Sahara Finish provides enhanced protection for an aesthetically pleasing surface color and texture for Senergy Wall Systems, poured concrete or unit masonry, conventional stucco, properly prepared insulating concrete forms and interior veneer plaster or gypsum wallboard (primer required over interior surfaces).

ADVANTAGES

100% Acrylic polymer chemistry creating long-term durability and weather resistance.

Integral color reducing maintenance and need for recoating.

Seals existing, non-moving hairline cracks.

Long-term durability and weather resistance.

Repels water and resists wind-driven rain.

Doesn't blister, peel or flake.

TEST	METHOD	CRITERIA	RESULT
VOC	ASTM D3960 (based in part on EPA method 24)	Report Value	0.22-0.31 lbs/gal (26–37 g/l) less water and exempt solvents.
Surface Burning Characteristics	ASTM E 84	Report Value	Flame Spread < 25 Smoke Development < 450 (Class A)
Abrasion Resistance	ASTM D968	No Cracking or loss of film integrity at 528 qt. (500L) of sand	Finish not worn through after 725 qt. (686L) of falling sand
Water Vapor Transmission	ASTM E96 Method B	Report Value	Finish with Alpha Base Coat and Flexguard 4: 15.1 Perms
Surface Burning Characteristics	ASTM B117	No deleterious effects after 300 hours	Pass
Water Resistance of Coating in 100% R.H.	ASTM D 2247	No deleterious effects after 14 days exposure	Pass
Accelerated Weathering	ASTM G 23	No deleterious effects after 2000 hours.	Pass
Accelerated Weathering	ASTM G 53	No deleterious effects after 7500 hours.	Pass
Tensile Bond	ASTM C297, E2134	15 psi minimum	> 15 psi

MIXING

Thoroughly mix the factory prepared finish with a paddle and low speed drill to a uniform workable consistency. A small amount of clean potable water may be added to adjust workability. Do not exceed 10 oz of water per 5-gallon pail.

- Additives are not permitted.
- Close container when not in use.
- Clean tools with soap and water immediately after use. Dried material can only be removed mechanically.

SURFACE PREPARATION

Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and other coatings. Use of Master Builders Solutions Tinted Primer or Stucco Prime can improve color uniformity by minimizing substrate read-through in light colors, not used for adhesion assistance.

- Concrete: allow to cure a minimum of 28 days prior to application of Senergy primer or finish.
- Unit Masonry: allow to cure prior to application of Senergy primer or finish. When needed, apply a leveling coat of Alpha Genie Base Coat to provide a smooth surface and minimize the likelihood of mortar joint readthrough prior to application of finish.
- Stucco: allow to cure a minimum of 6 days prior to application of Senergy primer or finish.

APPLICATION

1. Apply Sahara Finish directly to the substrate or primed substrate with a clean, stainless steel trowel. Apply and level finish during the same operation to minimum obtainable thickness consistent with uniform coverage.
2. Maintain a wet edge on finish by applying and texturing continually over the wall surface. Work finish to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area.
3. Float finish to achieve final texture.

LIMITATIONS

1. Protect from rain and from temperatures less than 40°F (4°C) for a minimum of 24 hours and until dry.
2. Efflorescence of Portland cement-based substrates such as concrete, masonry units and stucco may cause staining or discoloration on the surface of applied finish. Efflorescence is neither caused nor prevented by Senergy finish.
3. Not for use on damp surfaces, below-grade applications or on surfaces subject to water immersion.
4. When temperatures less than 40°F (4°C) prevail, provide supplementary heat during installation and drying period for at least 24 hours after installation and until dry. Do not apply in ambient temperature above 100°F (38°C) or surface temperature above 120°F (49°C)

5. Do not apply Master Builders Solutions materials to frozen surfaces.
6. The use of dark colors with light reflective values (LRV) less than 20% is not recommended with EIFS that incorporate expanded polystyrene (EPS). EPS has a sustained service temperature limitation of approximately 165°F (74°C).
7. Samples of Sahara Finish are available from Senergy for color approval only. Samples for job approval must be made in the field by the applicator and approved prior to ordering.

SHIPPING & STORAGE

- Protect materials during transportation to avoid physical damage. Store in a cool, dry place protected from freezing, extreme heat and direct sun. Store at no less than 40°F (4°C).
- Do not stack pallets.

HEALTH, SAFETY AND ENVIRONMENTAL

Read, understand and follow all Safety Data Sheets and product label information for this product prior to use. The SDS can be obtained by visiting senergy.master-builders-solutions.com/en, e-mailing your request to mbsbcst@mbcc-group.com or calling +1 (800) 433-9517. Use only as directed.

IN CASE OF EMERGENCY: Call CHEMTEL +1 (800) 255-3924 or if outside the US or Canada, +1 (813) 248-0585.

TECHNICAL SUPPORT

Consult Master Builders Solutions Technical Services Department at **+1 (800) 589-1336** for specific recommendations concerning all other applications. Consult the Wall Systems website at **senergy.master-builders-solutions.com/en**, for additional information about products and systems and for updated literature.

LIMITED WARRANTY NOTICE

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