

# Alumina

## Stone Finish

### COLORS

Available in 10 standard colors

### PACKAGING

5 gallon pail (19 liter pail)

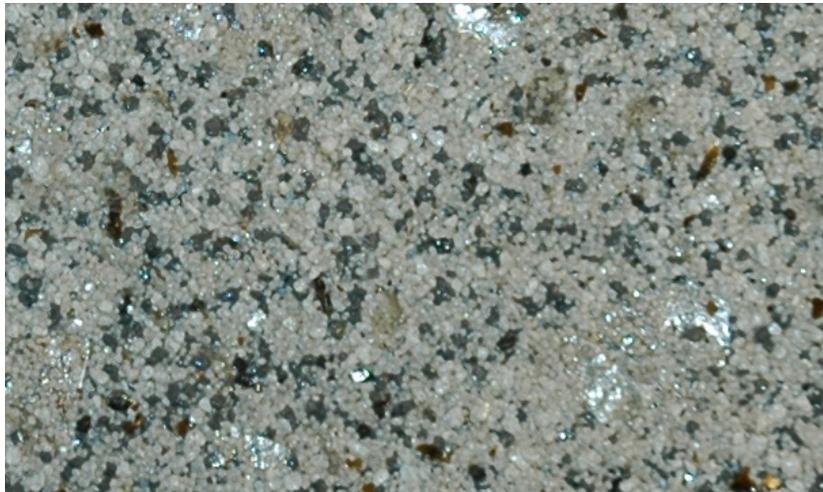
### COVERAGE PER PAIL

75 to 85 ft<sup>2</sup> (6.9 to 7.9 m<sup>2</sup>)

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

### VOC

<50 g/L less water and exempt solvents



### DESCRIPTION

Factory-mixed, reflective stone finish consisting of colored aggregate and large black mica flakes in a 100% acrylic transparent binder. Alumina Finish provides a classic granite or marble-like textured finished appearance.

### USES

Alumina Finish provides a weather-resistant and 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.

**NOTE: Sufficient finish should be ordered to complete the entire project with one production run to alleviate potential batch color variations of the natural aggregate.**

### ADVANTAGES

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Incorporates light-reflecting mica chips; unique sparkling appearance

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

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Simulated stone look; supports design freedom, reduces cost

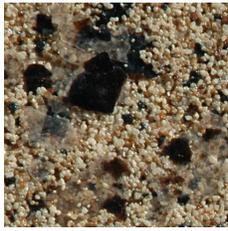
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Does not require a sealer; saves time and money

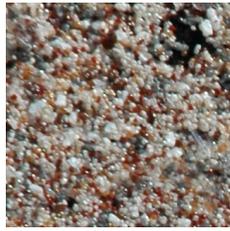
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Weather resistant; repels water and resists wind-driven rain

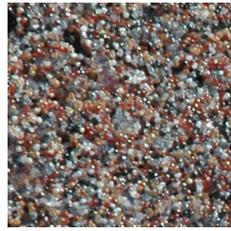
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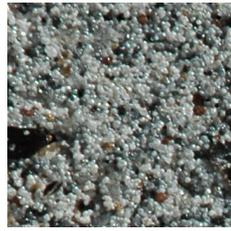
Chalcedony



Crystal Rose



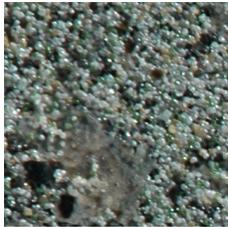
Galena



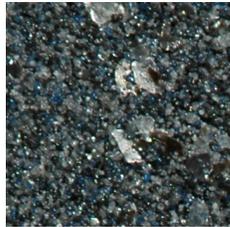
Iridium



Muscovite



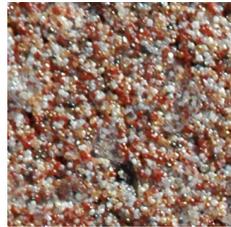
Nautilus



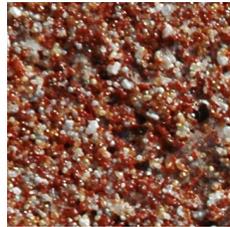
Obsidian



Perlino



Pomagranate



Sunstone

#### TEST RESULTS

TEST	METHOD	CRITERIA	RESULT
VOC	ASTM D3960 (based in part on EPA method 24)	Report Value	<50g/l less water and exempt solvents.
Surface Burning Characteristics	ASTM E 84	Report Value	Flame Spread < 25 Smoke Development < 450 (Class A)
Tensile Bond	ASTM C297, E2134	15 psi minimum	> 15 psi

#### MIXING

Gently mix the contents of the pail for 1 minute using a low RPM 1/2" drill equipped with a mixing paddle such as a Demand Twister or a Windlock B-MEW, B-M1 or B-M9.

- Additives are not permitted.
- Close container when not in use.
- Clean tools and equipment with 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. Verify substrate is flat, free of fins or planar irregularities greater than 1/4" in 10' (6.4 mm in 3 m). (insert bullets below).

- 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.
- Ensure Tinted Primer by Master Builders Solutions is tinted to the corresponding color for selected Alumina Finish.

#### APPLICATION

1. Apply Tinted Primer to substrate in accordance with current product bulletin. Allow primer to dry to the touch before proceeding to finish application.
2. Apply a tight coat of Alumina Finish approximately 1/16" - 1/8" (1.6mm-3mm) thick, with a clean, stainless-steel trowel.
3. 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.
4. Float the Alumina Finish with a gentle figure-8 motion, cleaning the float often.

#### LIMITATIONS

1. Protect from rain and from temperatures less than 50°F (10°C) for a minimum of 24 hours and until dry. When temperatures less than 50°F (10°C)

prevail, provide supplementary heat during installation and drying period for at least 24 hours after installation and until dry.

2. Do not apply in ambient temperature above 100°F (38°C) or surface temperature above 120°F (49°C).
3. Do not apply Master Builders Solutions materials to frozen surfaces.
4. 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.
5. Not for use on damp surfaces, below grade applications or on surfaces subject to water immersion.
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 Alumina 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.

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#### 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 50°F (10°C).
- Do not stack pallets.

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#### 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 [mbcc.sika.com/en-us](http://mbcc.sika.com/en-us), for additional information about products and systems and for updated literature.

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#### 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 [mbcc.sika.com/en-us](http://mbcc.sika.com/en-us), e-mailing your request to [mbsbscst@mbcc-group.com](mailto:mbsbscst@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.**

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#### LIMITED WARRANTY NOTICE

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