

# Metallic F1.0 Finish

100% acrylic trowel-grade textured finish

## COLORS

Available in a range of standard and custom colors.

## PACKAGING

5 gallon pail (19 liter pail)

## COVERAGE

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

125 to 135 ft<sup>2</sup> (11.6 - 12.5 m<sup>2</sup>) per pail

## SHELF LIFE

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



## DESCRIPTION

Factory-mixed, 100% acrylic polymer trowel-grade textured finish, utilizes uniformly-sized 1.0 mm aggregate for a smooth, fine texture. It features an optimized combination of aggregates and metalescent pigments that combine the visual appeal of metal with the ease of application of a textured finish.

## USES

Metallic F1.0 Finish provides enhanced protection for an aesthetically pleasing metallic appearance surface and texture for Master Builders Solution 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

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Metal pigmentation Providing a metal sheen.

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Optimized aggregate size to enhance the metallic appearance, increase ease of application, and hide minor surface imperfections.

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Abrasion resistant and increased durability.

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Integral color and reduced maintenance.

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## 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)
Accelerated Weathering	ASTM G 23	No deleterious effects after 2000 hours.	Pass
Accelerated Weathering	ASTM G 53	No deleterious effects after 7500 hours.	Pass
Water Vapor Transmission	ASTM E96 Method B	Report Value	Finish with Alpha Base Coat and Flexguard 4: 15.1 Perms
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 Resistance of Coating in 100% R.H.	ASTM D 2247	No deleterious effects after 14 days exposure	Pass
Salt Fog Resistance	ASTM B117	No deleterious effects after 300 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.

- Concrete: allow to cure a minimum of 28 days prior to application of Master Builders Solutions Primer or Finish.
- Unit Masonry: allow to cure prior to application of Master Builders Solutions 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 read-through prior to application of finish.
- Stucco: allow to cure a minimum of 6 days prior to application of Master Builders Solutions Primer or Finish.

### APPLICATION

1. Apply Metallic F1.0 Finish directly to the 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.

### DRYING TIME

Approximately 12 hours to firm set, depending upon the ambient weather conditions, substrate absorbency and applied film thickness. Protect newly applied finish from rain and temperatures less than 40°F (4°C) for at least 24 hours after application

### 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 Master Builders Solutions Finish.

3. Not for use on damp surfaces, belowgrade 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 Metallic F1.0 Finish are available from Master Builders Solutions 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 40°F (4°C) and not greater than 110°F (43°C)
- Do not stack pallets.

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#### TECHNICAL SUPPORT

Consult 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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