

Chroma Finish

High Chroma, Fade Resistant Finishes

COLORS

Available in standard and can accommodate custom matches to rich, high chroma accent colors that are typically prone to fading. All Chroma Finishes must be factory tinted.

TEXTURE

F1.0 - 1.0 mm
M1.5 - 1.5 mm
R1.5 variable rilled

PACKAGING

5 gallon pail (19 liter pail)

COVERAGE PER PAIL

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

F1.0: 145 to 155 ft² (12.5 - 14.4 m²)

M1.5: 105 to 115 ft² (9.8 - 10.7 m²)

R1.5: 130 to 140 ft² (12 - 13 m²)

VOC

<50 g/L – water and exempt solvents.

SHELF LIFE

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



DESCRIPTION

High performance colorants integrated into 100% acrylic polymer finishes formulated with advanced technology for superior fade resistance, improved long-term performance and dirt pick-up resistance.

USES

Chroma Finishes provide 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).

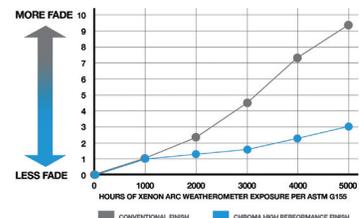
ADVANTAGES

Offers greatly improved color retention compared to conventional finishes.

Only tinted in the factory to assure the highest product quality.

Reduces maintenance costs due to reduced need for painting 3 times more fade resistant than conventional finish.

Anti-fade warranty.



TEST RESULTS

TEST	METHOD	CRITERIA	RESULT
VOC	ASTM D3960 (based in part on EPA method 24)	Report Value	<50 g/L – water and exempt solvents.
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.
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 Resistance of Coating in 100% R.H.	ASTM D 2247	No deleterious effects after 14 days exposure.	Pass
Surface Burning Characteristics	ASTM E 84	Report Value	Flame Spread < 25 Smoke Development < 450 (Class A)
Salt Fog Resistance	ASTM B117	No deleterious effects after 300 hours.	Pass
Tensile Bond	ASTM C297, E2134	15 psi minimum	> 15 psi
Water Vapor Transmission	ASTM E96 Method B	Report Value	Finish with Alpha Base Coat and Flexguard 4: 15.1 Perms.

SURFACE PREPARATION

Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and other coatings. If Tinted Primer or Stucco Prime is used, ensure primer is dry to the touch prior to application of finish.

Note: Tinted Primer or Stucco Prime by Master Builders Solutions is required for Chroma Finish R1.5.

- Concrete: allow to cure a minimum of 28 days prior to application of primer or finish.
- Unit Masonry: allow to cure prior to application of primer or finish. When needed, apply a levelling coat of base coat to provide a smooth surface and minimize the likelihood of mortar joint read through.
- Stucco: allow to cure a minimum of 6 days prior to application of primer or finish.

MIXING

Thoroughly mix the factory prepared finish with a paddle and low speed drill to a uniform workable consistency. A thick consistency is desired; however, 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.

APPLICATION

1. Apply Chroma 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 corner, 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

Typically 6 to 10 hours. Protect from rain and from temperatures less than 40°F (4°C) for 24 hours after installation and until dry.

LIMITATIONS

1. Protect from rain and from temperatures less than 40°F (4°C) for a minimum of 24 hours and until dry.
2. Does not bridge moving cracks.
3. Appearance of R1.5 might vary if floated by different mechanics.
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 Chroma Finish.

5. 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.
6. Do not apply in ambient temperature above 100°F (38°C) or surface temperature above 120°F (49°C).
7. Do not apply Master Builders Solutions materials to frozen surfaces.
8. 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).
9. Not for use on damp surfaces, below-grade applications or on surfaces subject to water immersion.

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.

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 **www.master-builders-solutions.com/en-us**, for additional information about products and systems and for updated literature.

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 **www.master-builders-solutions.com/en-us**, 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.

LIMITED WARRANTY NOTICE

Master Builders Solutions Construction Systems US, LLC ("Master Builders") warrants this product to be free from manufacturing defects and to meet the technical properties on the current Technical Data Guide, if used as directed within shelf life. Satisfactory results depend not only on quality products but also upon many factors beyond our control. MASTER BUILDERS MAKES NO OTHER WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO ITS PRODUCTS. The sole and exclusive remedy of Purchaser for any claim concerning this product, including but not limited to, claims alleging breach of warranty, negligence, strict liability or otherwise, is shipment to purchaser of product equal to the amount of product that fails to meet this warranty or refund of the original purchase price of product that fails to meet this warranty, at the sole option of Master Builders. Any claims concerning this product must be received in writing within one (1) year from the date of shipment and any claims not presented within that period are waived by Purchaser. MASTER BUILDERS WILL NOT BE RESPONSIBLE FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL (INCLUDING LOST PROFITS) OR PUNITIVE DAMAGES OF ANY KIND.

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FOR PROFESSIONAL USE ONLY. NOT FOR SALE TO OR USE BY THE GENERAL PUBLIC.

STANDARD COLORS & TEXTURES (custom colors are also available)



F1.0 CF-STD-010-0311



M1.5 CF-STD-008-0311



R1.5 CF-STD-020-0611



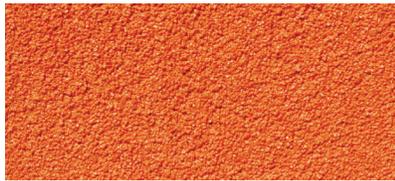
F1.0 CF-STD-009-0311



M1.5 CF-STD-004-0311



R1.5 CF-STD-016-0511



F1.0 CF-STD-003-0311



M1.5 CF-STD-012-0411



R1.5 CF-STD-019-0611



F1.0 CF-STD-011-0411



M1.5 CF-STD-007-0311



R1.5 CF-STD-018-0611



F1.0 CF-STD-002-0311



M1.5 CF-STD-005-0311



R1.5 CF-STD-021-0611



F1.0 CF-STD-001-0311



M1.5 CF-STD-006-0311



R1.5 CF-STD-013-0511

Note: The purpose of this chart is to provide color representations of Chroma Finish. These representations should not be used for final selection. Actual selection should be made from a sample produced by the applicator using the same tools, techniques and materials for the actual project. To request a representative sample for your next project, please contact our Customer Service department at +1 (800) 433-9517.

For the most current version of this literature, please visit our website at www.master-builders-solutions.com/en-us.