

Senerlastic™ Coating

100% acrylic-based smooth elastomeric coating

COLORS

Available in standard and custom colors.

PACKAGING

55 lbs per 5-gallon pail
 (24.9 kg per 19-liter pail).

COVERAGE

Coverage may vary depending on the texture, porosity and color of the existing substrate. Two coats are recommended to obtain the maximum elastomeric properties and for substrates with a moderate texture. Total wet film thickness is 32 mils (16 mils DFT) at 50 ft²/gal (4.6m²/L) or 250 ft²/pail (23m²/pail).

TECHNICAL INFORMATION

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.

DESCRIPTION

Factory-mixed, 100% acrylic-based smooth elastomeric coating that provides excellent flexibility and weatherability.

USES

Senerlastic Coating is intended for use as a coating on exterior wall surfaces such as concrete, stucco, unit masonry, or compatible EIFS finish coat.

SURFACE PREPARATION

Substrates must be clean, dry, sound and free of loose material, releasing agents, paint, efflorescence, contaminants and other coatings. Cracks or voids must be filled with MasterProtect® FL 746/ FL 748 or appropriate, compatible material to provide a solid substrate prior to application of Senerlastic Coating. Ensure patching material is dry prior to application of Senerlastic Coating.

CONCRETE:

1. Allow concrete to cure a minimum of 28 days prior to application of Senerlastic Coating.
2. Remove all projections and form lines.
3. When needed, apply Master Builders Solutions Tinted Primer to cured concrete with a

sprayer, 3/8" (10mm) nap roller or good-quality latex paint brush at a rate of approximately 150–250 ft² per gallon (3.6–6.1 m² per 3.8 liter). Master Builders Solutions Tinted Primer shall be dry to the touch before proceeding to the Senerlastic Coating application.

UNIT MASONRY:

1. Allow unit masonry to cure prior to application of Senerlastic Coating
2. Remove all loose mortar and projections.
3. When needed, apply a leveling coat of Master Builders Solutions Base Coat to provide a smooth surface prior to application of Senerlastic Coating.

STUCCO:

1. Allow stucco to cure a minimum of 6 days prior to application of Senerlastic Coating.
2. When needed, apply Master Builders Solutions Stucco Prime to cured stucco with a sprayer, 3/8" (10 mm) nap roller or good-quality latex paint brush at a rate of approximately 150–250 ft² per gallon (3.6–6.1 m² per liter). Master

FEATURES	BENEFITS
Over 300% elongation	Bridges cracks and enhances performance
Low temperature flexibility	Enhances crack resistance
Excellent weatherproof coating	Protects against wind-driven rain
Durable	Extends the life of the building
Breathable	Resists blistering and peeling
UV resistant	Retains color
Water based	Safe, non-toxic, clean up easily with soap and water

Builders Solutions Stucco Prime shall be dry to the touch before proceeding to the Senerlastic Coating application.

MIXING

1. Mix the contents of the Senerlastic Coating pail with a low speed drill and paddle mixer until thoroughly blended.
2. A small amount of clean, potable water may be added to adjust workability, but is generally unnecessary since a thick consistency is desired.
3. Additives are not permitted.
4. Close container when not in use.
5. Clean tools with soap and water immediately after use.

APPLICATION

1. Senerlastic Coating is meant to applied as a two coat system, achieving a total wet thickness of 32 mils.
2. Apply Senerlastic Coating with a brush, 1" (25 mm) nap roller, or spray. Maintain a wet edge at all times during application.

3. Work Senerlastic Coating to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area.
4. When rolled, ensure roller is completely saturated and keep it loaded. Do not roll dry.

LIMITATIONS

1. Protect Master Builders Solutions materials during transportation and installation to avoid physical damage.
2. Store Master Builders Solutions materials in a cool, dry place protected from freezing. Store at no less than. Protect from extreme heat and direct sunlight. Shelf life is two years when unopened and stored as directed.
3. Do not apply Master Builders Solutions materials in ambient temperature below 40°F (4°C). Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when

- temperatures less than 40°F (4°C) prevail.
4. Protect work from precipitation until dry.
5. Do not apply Master Builders Solutions materials to frozen surfaces

VOC CONTENT

60–73 g/l, or 0.50–0.61 lbs/gal less water and exempt solvents.

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 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.

Technical Data

PROPERTY	RESULT	TEST METHOD
Weight per gallon, lbs	11.5 ± 0.2	
Solids by weight, %	56 ± 2.0	
Solids by volume, %	44 ± 2.0	
Viscosity, KU	108 ± 4	
VOC content, lbs/gal (g/L)	0.32–0.42 (38–50)	ASTM D3960
Ultimate elongation, %	344	ASTM D412
Elongation recovery, %		ASTM D412
After 10 minutes	96.9	
After 24 hours	98.4	
Ultimate tensile strength, psi (MPa)	220 (1.5)	ASTM D412
Crack bridging, mils (mm)		PR EN1062-7
-77°F (-60°C)	12 (0.3)	
32°F (0°C)	19.5 (0.5)	
73°F (23°C)	27.5 (0.7)	
Flexibility, in (mm) mandrel, at -30°F (-34°C)	1/8 (3)	ASTM D552
Pull-off strength adhesion, psi (MPa)	210 (1.4)	ASTM D4541
Wind-driven rain	Passes	TT-C-555B

Technical Data

PROPERTY	RESULT	TEST METHOD
Water-vapor permeance, perms	10	ASTM D1653
Carbon-dioxide diffusion		PR EN1062-6
R (equivalent air layer thickness), ft (m)	263 (80)	
Sc (equivalent concrete thickness), in (cm)	8 (20)	
Accelerated weathering, 5,000 hrs	Passes	ASTM G23, Type D
Visual color change, 5,000 hrs	Passes	ASTM D1729
Chalking, 5,000 hrs	Passes	ASTM D4214
Freeze/thaw resistance, 60 cycles	Passes	ASTM C67
Salt spray resistance, 300 hrs	Passes	ASTM B117
Dirt pick-up, after 6 months exposure	Dc = 94.33 (100 = Best Performance)	ASTM D3719
Mildew resistance	No growth	ASTM D3273/3274

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Theoretical Film Thickness

COVERAGE RATE FT ² /GAL(M ² /L)	WET MILS (MICRONS)	DRY MILS (MICRONS)
50 (4.6)	32 (813)	16 (406)
80 (7.4)	20 (508)	10 (254)
100 (9.3)	16 (406)	8 (203)

Actual DFT to achieve the stated performance properties is 16 mils (406 microns).

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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