

Specialty Finishes

Description

100% acrylic polymer finishes with advanced technology to improve long-term performance and dirt pick-up resistance on exterior and interior walls. Use to create unique stone-like, metallic or mottled stucco appearance to complement a building's design.

Primary uses

- Provides a protective, weather-resistant and aesthetically pleasing surface colour and texture for the Senergy Wall Systems.
- Can also be utilized as a textured Finish for poured concrete or unit masonry, conventional stucco, Senergy Stucco Wall System, Senergy Cement-Board Stucco™ Systems, all Senergy Surfacing Systems, and interior veneer plaster or gypsum board.

Packaging

31.7kg per 19 litre unit

Colours

Available in 126 standard and custom colours. Others finishes available in a wide variety of standard colours.

Coverages

Coverage rates may vary depending on the coating texture porosity of substrate and application techniques.

Encausto Verona Finish	23.2m ² per unit applied in two coats. Coverage varies depending upon application techniques, substrate type and condition.
Aurora TC-100 Finish	6.5–9.2m ² per unit depending upon method of application.
Borealis Finish	6.5–9.2m ² per unit depending upon method of application.
Aurora Stone Finish	6.5m ² per unit at 3.2mm thickness. Coverage varies depending upon technique.
Metallic Finish	Coverage varies depending upon type of Finish Coat textures and substrates utilized.
Luna Finish	(Approximate) 8.4–9.2m ² per unit

Features	Benefits
100% acrylic polymer-based chemistry	Provides long-term durability and weather resistance
Simulated stone look	Supports design freedom; lowers cost
Weather resistant	Repels water and resists wind-driven rain
Seals existing, non-moving hairline cracks	Protects
Breathable	Does not blister, peel or flake
Abrasion resistant	Durable
Factory mixed	Ready to use, no additives to mix
Does not require a sealer	Saves time and money
Integral colour	Reduces maintenance and recoating

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Encausto Verona

Factory-mixed, 100% acrylic polymer finish coat. Available in Senergy's standard colours and custom colours. ENCAUSTO VERONA Finish utilizes uniformly-sized aggregate to achieve a free-formed, flat texture. A mottled look can be achieved by combining multiple colours.

Aurora TC-100

Factory-mixed stone finish consisting of coloured aggregates in a 100% acrylic transparent binder. Available in many standard colours and a variety of custom colours. AURORA TC-100 provides a stone-like appearance, either rough or smooth depending upon application.

Borealis

Factory-mixed stone finish consisting of coloured aggregate and mica chips in a transparent 100% acrylic binder. Available in wide variety of standard and custom colours. BOREALIS Finish provides a classic granite or marble-like finished appearance, either rough or smooth depending upon application method.

Aurora Stone

Factory-mixed, variegated finish consisting of coloured aggregates in a transparent 100% acrylic binder, applied over Senergy TINTED PRIMER. Available in twelve standard colours. AURORA STONE Finish provides a rough, stone-like appearance.

Metallic

Factory-mixed, 100% acrylic polymer finish coat. METALLIC Finish has a pearlescent appearance.

It utilizes uniformly-sized aggregates for a uniform fine texture. Available in a variety of colours.

Luna

Factory-mixed, reflective stone finish consisting of coloured aggregate and large black mica flakes in a 100% acrylic transparent binder. Available in 10 standard colours. Luna Finish provides a classic granite or marble-like textured finished appearance.

Mixing

- Mix the contents of the factory-prepared Finish unit with a low speed drill and paddle mixer until thoroughly blended.
- A small amount of clean, potable water may be added to adjust workability.
- Additives are not permitted.
- Close container when not in use.
- Clean tools with soap and water immediately after use.

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Application

Aurora TC-100 and Borealis:

- Substrate shall be dry, clean, sound and free of releasing agents, paint or other residue, contaminants or coatings. Verify substrate is flat, free of fins or planar irregularities greater than 6.4mm in 3m.
- Apply a tight coat of finish directly to the Senergy Base Coat/Reinforcing Mesh with a clean, stainless steel trowel.
- Maintain a wet edge on Finish by applying and levelling 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. Allow first coat to set until surface is completely dry prior to applying a second coat of Finish.
 - a. For a smooth appearance, use a stainless steel trowel and apply the second coat of Finish. Achieve final texture using circular motions.
 - b. For a textured appearance, apply the second coat of Finish using a spray gun and hopper. Double-back to achieve final texture.
- Total thickness of Finish shall be approximately 1.6mm.

Note: Certain colours may require the use of Senergy Tinted Primer over the Senergy Base Coat/Reinforcing Mesh prior to application of Finish.

Aurora Stone:

- Substrate shall be dry, clean, sound and free of releasing agents, paint, contaminants or other residue or coatings. Verify substrate is flat, free of fins or planar irregularities greater than 6.4mm in 3m.
- Apply TINTED PRIMER to substrate in accordance with current Senergy TINTED PRIMER product bulletin. TINTED PRIMER shall be of corresponding colour for selected AURORA STONE Finish colour. Allow TINTED PRIMER to dry to the touch before proceeding to AURORA STONE Finish application.
- Apply a coat of AURORA STONE Finish using a spray gun and hopper, maintaining a wet edge. Work to corners, joints or other

natural breaks and do not allow material to set up within an uninterrupted wall area.

- Allow first coat of AURORA STONE Finish to set until surface is completely dry prior to applying a second coat of AURORA STONE Finish.
- Apply a second coat of AURORA STONE Finish using a spray gun and hopper; double back to achieve final texture.
- Thickness of AURORA STONE Finish may vary between 1.6mm and 3.2mm, depending upon texture.

Metallic and Encausto Verona:

- Substrate shall be dry, clean, sound and free of releasing agents, paint, contaminants or other residue or coatings. Verify substrate is flat, free of fins or planar irregularities greater than 6.4mm in 3m.
- Apply Finish directly to the Senergy Base Coat/Reinforcing Mesh with a clean, stainless steel trowel.
- Apply and level Finish during the same operation to minimum obtainable thickness consistent with uniform coverage. (For METALLIC Finish only).
- 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.
- Float finish to achieve final texture.
- Allow to set until surface is completely dry prior to application of second coat.

Note: A colour sample must be approved prior to product shipment. Also, slight colour or texture variations may occur. Over time, and depending on its exposure, Encausto Verona's appearance will achieve a soft, weathered patina. This finish will not hide imperfections in the base coat surface. Dark colours will show marks from scratching. Built-up applications are not recommended as craze cracking can result.

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Luna:

- Substrate shall be dry, clean, sound and free of releasing agents, paint, contaminants or other residue or coatings. Verify substrate is flat, free of fins or planar irregularities greater than 6.4mm in 3m.
- Apply the proper colour-coordinated Senergy TINTED PRIMER per instructions. Allow to cure until dry to the touch before proceeding to the application of the LUNA Finish.
- Apply a tight coat of LUNA Finish approximately 1.6mm to 3mm thick, directly to the Senergy Base Coat/Reinforcing Mesh with a clean, stainless steel trowel.
- Maintain a wet edge on LUNA Finish by applying and leveling continually over the wall surface.
- Work LUNA Finish to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area.
- Float the LUNA finish with a gentle figure-8 motion, cleaning the float often.

Limitations

- Does not bridge moving cracks.
- Must be stored, applied and protected at least 24 hours after installation and until dry at 10°C or more.
- Do not apply Senergy materials to frozen surfaces.
- Shelf life is two years when unopened and stored as directed.
- Select Finish Coat colour with a light reflective value (LRV) of 20% or higher. The use of dark colours (LRV less than 20%) is not recommended with EIFS that incorporate expanded polystyrene (EPS). EPS has a sustained service temperature limitation of approximately 71°C.

Technical Information

Consult the BASF Construction Chemicals Technical Services Department for specific recommendations concerning all other applications. Consult the Senergy website, www.senergy.cc, for additional information about products and systems and for updated literature.

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Health and Safety

Caution

Caution Contains silica, crystalline quartz.

Risk

May cause eye, skin or respiratory irritation. Ingestion may cause irritation. Contains crystalline silica. NTP and IARC recognize respirable crystalline silica as a suspected human carcinogen. The exposure to crystalline silica during the normal use of this product will be little or none. Precautions Avoid contact with eyes, skin and clothing. Use with adequate ventilation. DO NOT take internally. Wash thoroughly after handling. Use impervious gloves, eye protection and if the TLV is exceeded or if used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with Federal, local requirements. Keep container closed when not in use. All label warnings must be observed until container is commercially cleaned or reconditioned.

First Aid

- For eye contact, flush thoroughly with water for at least 15 minutes. SEEK MEDICAL ATTENTION.
- For skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing.
- If ingested, do not induce vomiting medical advice. If conscious, drink plenty of water. If a person feels unwell or symptoms of skin irritation appear, consult a physician. If a person vomits, place him/her in the recovery position. Never give anything by mouth to an unconscious person.

- If inhaled, remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration, preferably mouth-to-mouth. SEEK MEDICAL ATTENTION.

Read Material Safety Data Sheet before using this product.

Note:

BASF Wall Systems is an operating unit of BASF Construction Chemicals, LLC. (herein after referred to as "BASF Wall Systems")

Residential Policy

On one and two-family residential framed construction, BASF Wall Systems requires that the wall system selected be one that includes provisions for moisture drainage. The choices include Senturion® line of water managed EIFS, commercial Senerflex® Wall Systems integrating moisture management features, Senergy Stucco Wall System, and Senergy Cement- Board Stucco™ Systems. Senergy Exterior Surfacing Systems for insulating concrete forms are also acceptable. There are no exceptions to this policy. Under no circumstances will BASF Wall Systems warrant the use of any other system on this type of construction without expressed written authorization from BASF Wall Systems [Residential construction using EIFS on masonry (CMU) or poured concrete does not require the additional water management provisions described above.] See the Senergy Residential Policy Bulletin for a more detailed discussion of this topic. Consult BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the Senergy web-site, www.senergy.cc for additional information about products and systems and for updated literature.

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NOTE

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