

# Borealis Finish

## Description

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



## 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™, certain insulating concrete forms, and interior veneer plaster or gypsum board.

## Packaging

31.7kg per 19 litre unit

## Colours

Available in a wide variety of standard colours

## Coverage

(Approximate) 6.5–9.2m<sup>2</sup> per unit, depending upon method of application

Features	Benefits
Incorporates light reflecting mica chips	Unique sparkling appearance
100% Acrylic polymer chemistry	Long-term durability and weather resistance
Simulated stone look	Design freedom; lower cost
Does not require a sealer	Save time and money
Water resistant	Repels water and resists wind-driven rain

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## Mixing

- Thoroughly mix the factory-prepared BOREALIS Finish with a 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.

## Application

- Substrate shall be dry, clean, sound and free of releasing agents, paint or other residue or coatings. Verify substrate is flat, free of fins or planar irregularities greater than 6.4mm in 3m.
- Apply a tight coat of BOREALIS Finish directly to the Senergy Base Coat/Reinforcing Mesh with a clean, stainless steel trowel.
- Maintain a wet edge on BOREALIS Finish by applying and leveling continually over the wall surface.
- Work BOREALIS Finish to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area. Allow to set until surface is completely dry prior to applying a second coat of BOREALIS Finish.
  - a. For a smooth appearance, use a stainless steel trowel and apply the second coat of BOREALIS Finish. Achieve final texture using circular motions.
  - b. For a textured appearance, apply the second coat of BOREALIS Finish using a spray gun and hopper. Double-back to achieve final texture.
- Total thickness of BOREALIS 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 BOREALIS Finish.

## Limitations

- Protect BOREALIS Finish during transportation and installation to avoid physical damage.
- Store BOREALIS Finish in a cool, dry place protected from freezing. Store at no less than 10°C Protect from extreme heat and direct sunlight. Shelf life is two years when unopened and stored as directed.
- Do not apply BOREALIS Finish in ambient temperatures below 10°C Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperatures less than 10°C prevail.
- Do not apply BOREALIS Finish to frozen surfaces.
- Samples of BOREALIS Finish are available from Senergy for colour approval only. Samples for job approval must be made in the field by the applicator, and approved prior to ordering.

## Technical Information

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

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## Health and Safety

### Caution

May be harmful if vapours or mist are inhaled, if absorbed through skin, or if swallowed. May cause eye, skin and respiratory tract irritation. Swallowing this product can cause kidney damage.

### Precautions

Avoid getting in eyes, on skin, or on clothing. Avoid breathing vapours or mist. Wear safety glasses or goggles, impervious gloves, and clothing with long sleeves and pants. If TLV or PEL can be exceeded, wear respirator selected by a technically qualified person. Wash thoroughly after handling. Wash contaminated clothing before reuse.

### Spills

Wipe up small spills with rags. Absorb larger spills with sand, vermiculite, or kitty litter; sweep up and place in a suitable container for disposal.

### First Aid

- For eye contact, rinse eyes with water. Remove any contact lenses, and continue flushing with plenty of water for several minutes. SEEK MEDICAL ATTENTION if irritation develops and persists.
- For skin contact, wash affected areas with plenty of water, and soap if available, for several minutes. SEEK MEDICAL ATTENTION if irritation develops and persists.
- If inhaled, remove from area to fresh air. SEEK MEDICAL ATTENTION if respiratory

irritation develops or if breathing becomes difficult.

- If consumed, give 3-4 glasses of water, but do not induce vomiting unless directed to do so by a physician. Do not give anything by mouth to an unconscious or convulsing person. 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](http://www.senergy.cc) for additional information about products and systems and for updated literature.

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