



Senerflex TersusTM Finish

Enhanced Anti-Soiling Technology



Senergy[®]

Senerflex Tersus™ Finish

DESCRIPTION

SENERFLEX TERSUS finishes are a line of modified acrylic textured finishes designed to provide excellent water repellency and enhanced resistance to environmental soiling. The water repellent properties of the finishes make the surface hydrophobic as well as more resistant to mold and mildew. When rain water contacts the surface, it beads and carries away dirt, soil and debris in its pathway. The built in anti-soiling properties of the finishes resist dirt and staining reducing maintenance costs and extending a building's aesthetic appeal

USES

1. SENERFLEX TERSUS finishes provide enhanced protection for an aesthetically pleasing surface color and texture for Senergy Wall Systems.
2. Can also be utilized as a textured finish for poured concrete or unit masonry, conventional stucco, properly prepared insulating concrete forms, and interior veneer plaster or gypsum wallboard (primer required over interior surfaces).

TEXTURE

SENERFLEX TERSUS finish is available in two textures, a 1.0 mm (F1.0) and a 1.5mm (M1.5) aggregate sand texture.

COLOR

Available in standard and custom colors to complement the design freedom of Senergy Wall Systems or to impart the look of stucco on other exterior and interior walls.

PACKAGING

29.484 kg per 19-liter pail
(65 lbs per 5-gallon pail)

COVERAGE

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

Senerflex Tersus F1.0 Finish

15.8 m² (170 ft²) per pail

Senerflex Tersus M1.5 Finish

12.1 m² (130 ft²) per pail

Advantages

Highly water repellent

Enhanced mold and mildew resistance

Resists dirt pick up and soiling

UV resistant, resists fading

Modified acrylic polymer-based chemistry; provides long-term durability and weather resistance

Vapor permeable

Water-based and low VOC; safe for workers and the environment

Factory mixed; ready to use, no additives to mix

TEST RESULTS

TEST	RESULT
Abrasion Resistance ASTM D968	Finish not worn through after 686 liters of falling sand
Accelerated Weathering ASTM G 155	2000 hours No deleterious effects
Moisture/Water Resistance ASTM D2247	14 days No deleterious effects
Dirt Collection ASTM D3719	61 days at 45° South exposure Dc Index = 99.0 (100 = Best Performance)
Surface Burning Characteristics ASTM E 84	Flame Spread Index < 25 Smoke Developed Index < 450
Salt Fog Resistance ASTM B117	300 hours No deleterious effects
Tensile Bond ASTM C297, E2134	Greater than 15 psi
Dirt Pickup Resistance Miami Dade County TAS 143-95 section 7.8 (modified)	Greater than 90% reflectance retained after dirt pickup

MIXING

1. Thoroughly mix the factory-prepared SENERFLEX TERSUS finishes with a paddle and low speed drill to a uniform workable consistency.
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. Dried material can only be removed mechanically.

APPLICATION

1. 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 6.4 mm in 3 m (1/4" in 10').
2. Apply SENERFLEX TERSUS finishes directly to the substrate or primed substrate with a clean, stainless steel trowel.
3. Apply and level SENERFLEX TERSUS finishes during the same operation to minimum obtainable thickness consistent with uniform coverage.
4. Maintain a wet edge on SENERFLEX TERSUS finishes by applying and texturing continually over the wall surface.
5. Work SENERFLEX TERSUS finishes to corners, joints or other natural breaks and do not allow material to set up within an uninterrupted wall area.
6. Float SENERFLEX TERSUS finishes to achieve final texture.

DRYING TIME

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

HYDROPHOBIC EFFECT

The hydrophobic effect is not immediate. It occurs approximately 30 days after application through weathering.

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LIMITATIONS

Application

Do not apply SENERFLEX TERSUS in ambient temperature below 4°C (40°F). Provide supplementary heat during installation and drying period (at least 24 hours after installation and until dry) when temperature less than 4°C (40°F) prevails. Do not apply SENERFLEX TERSUS to frozen surfaces.

Shipping & Storage

Protect BASF materials during transportation and installation to avoid physical damage. Store BASF materials in a cool, dry place protected from freezing. Store at no less than 4°C (40°F). Protect from extreme heat and direct sunlight.

Stacking

Do not stack pallets.

Shelf Life

Approximately 2 years, properly stored in original containers.

TECHNICAL SUPPORT

Consult the BASF Wall Systems Technical Services Department for specific recommendations concerning all other applications. Consult the Senergy website, www.senergy.basf.com, for additional information about products and systems and for updated literature.

HEALTH AND SAFETY

Caution

May be harmful if vapors 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 vapors 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

Eyes: 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.

Skin: 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.

Internal: If inhaled, remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult. If swallowed, 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. Get medical attention.

Read Material Safety Data Sheet before using this product.

Note

BASF Wall Systems is an operating unit of BASF Corporation (herein referred to as "BASF Wall Systems")

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