

# BACKSTOP NT™ -Texture

DUK453

## A High Performance, Non-Cementitious Water-Resistive Membrane and Air Barrier

### Description

Backstop NT-Texture is a flexible, polymer-based, non-cementitious, water-resistive membrane, which, when properly installed, prevents water penetration and eliminates air infiltration.

### Uses

Backstop NT-Texture is intended to be used in conjunction with Dryvit EIFS systems, and when used with Grid Tape and Flashing Tape, provides an effective water-resistive protective membrane for exterior gypsum sheathing or other approved substrates. (See Approved Substrates.)

### Benefits

Backstop NT-Texture is used straight out of the pail and can be applied by roller, trowel, or spray and backrolled. The coating dries quickly and serves as an excellent substrate for adhesively attaching EPS.

### Coverage

Coverage may vary slightly, depending on application method and substrate. **Minimum 2 coats required over CMU and concrete.** Please refer to chart included in this document.

### Properties

**Working Time** - Backstop NT-Texture is a non-cementitious material, providing infinite working time. The product will not set-up in the bucket.

**Drying Time** – The drying time of Backstop NT-Texture is dependent upon the air temperature, wind conditions and relative humidity. Under average drying conditions [21 °C (70 °F), 55% R.H.], Backstop NT-Texture will be dry to the touch within 2 hours and cured in 6 hours.

### Performance Requirements

Backstop NT-Texture shall meet the following performance criteria:

#### Water Vapor Transmission:

(ASTM E96) - Vapor permeable

**Flexibility:** (ASTM D522) Passes 3 mm (1/8 in) mandrel.

**Tensile Bond:** (ASTM C297) - Minimum 15 psi EPS failure.

**Tensile Strength:** (ASTM D2370) 160 psi.

**Elongation:** (ASTM D2370) - 17%.

#### Wind Driven Rain:

(FS TT-C-555B) - No moisture penetration.

#### Moisture Resistance:

(ASTM D2247) - No deleterious effects.

#### Flame Spread/Smoke

**Development:** (ASTM E84) - Flame Spread 5, Smoke Development 20.

#### Application Procedure

FOR COMPLETE INSTALLATION INSTRUCTIONS, REFER TO BACKSTOP NT-TEXTURE APPLICATION INSTRUCTIONS, DS177.

**Job Conditions** – Air and surface temperature for application of Backstop NT-Texture must be 4 °C (40 °F) or higher and must remain so for a minimum of 12 hours.

**Temporary Protection** – Shall be provided at all times until membrane, adhesive, base coat, finish and permanent flashings, sealants, etc. are completed to protect the wall from weather and other damage.

### Approved Substrates:

- Core treated exterior grade gypsum sheathing
- DensGlass Gold®
- Exterior cement and calcium silicate sheathing
- APA exterior grade CD-X Plywood
- Unpainted CMU or concrete

**Surface Preparation** – The sheathing board gaps shall not exceed 6.4 mm (1/4 in) and the surface must be flat within 6.4 mm (1/4 in) in any 1.2 m (4 ft) radius. CMU mortar joints shall be struck flush (tooled mortar joints and heavily textured CMU, **not split faced**, shall be “skim coated” with Genesis or Genesis DM) prior to application of Backstop NT-Texture. CMU shall be clean, unpainted and free of efflorescence. All substrates shall be dry and free of foreign materials such as dirt, dust, oil, paint, wax, water repellants or other materials that inhibit adhesion.

**Mixing** – Backstop NT-Texture is ready for use after an initial spin-up using drill with paddle mixer. **DO NOT ADD CEMENT.**

### Membrane Application

Depending on the substrate, Backstop NT-Texture may be applied using a roller, spray equipment and backrolled, or a trowel. Follow Dryvit Installation Instructions, DS177 for specific requirements. Roller application produces a stipple texture; therefore, it is necessary to use a trowel to strike smooth areas to receive flashing tape (i.e., window openings) before the material dries.

Please refer to the following table for clarification on when to use Backstop NT – Texture.

Backstop NT – Texture and Smooth Usage Chart

Backstop NT – Texture and Backstop NT – Smooth Usage/Application Chart				
Substrate	Location	Product	Tool	Approximate Coverage Per Pail <sup>e</sup>
Exterior Grade Gypsum Sheathing	Joints <sup>a</sup>	Backstop NT - Texture	Trowel	91 m (300 lin. ft.)
	Face <sup>f</sup>	Backstop NT – Texture OR	Trowel or FoamPRO #58 Roller <sup>b</sup>	For both tools 23-28 m <sup>2</sup> (250-300 ft <sup>2</sup> )
		Backstop NT - Smooth	13 mm (1/2 in) Nap Roller	46 m <sup>2</sup> (500 ft <sup>2</sup> ) <sup>c</sup>
DensGlass Gold®	Joints <sup>a</sup>	Backstop NT - Texture	Trowel	91 m (300 lin. ft.)
	Face <sup>f</sup>	Backstop NT – Texture OR	Trowel	23-28 m <sup>2</sup> (250-300 ft <sup>2</sup> ) [includes joints]
		Backstop NT - Smooth	19 mm (¾ in) Nap Roller	37 m <sup>2</sup> (400 ft <sup>2</sup> ) <sup>c</sup>
Exterior Grade Plywood and Exterior Cement Board	Joints <sup>a</sup>	Backstop NT - Texture	Trowel	91 m (300 lin. ft.)
	Face <sup>f</sup>	Backstop NT – Texture OR	Trowel or FoamPRO #58 Roller <sup>b</sup>	For both tools 23-28 m <sup>2</sup> (250-300 ft <sup>2</sup> )
		Backstop NT - Smooth	13 mm (1/2 in) Nap Roller	37 m <sup>2</sup> (400 ft <sup>2</sup> ) <sup>c</sup>
Concrete and Masonry <sup>d</sup>	Face	Backstop NT - Texture	FoamPRO #58 Roller <sup>b</sup>	11-14 m <sup>2</sup> (125-150 ft <sup>2</sup> ) 2 coats

<sup>a</sup> Tape the joints with Dryvit Grid Tape prior to application of Backstop NT – Texture at joints and screw heads.  
<sup>b</sup> Up to 1 pint (16 oz) of water may be added to a 60 lb pail of Backstop NT – Texture for roller or spray applications only. The FoamPRO #58 roller cover (FoamPRO Mfg., Inc., www.foampromfg.com) is available at home supply stores.  
<sup>c</sup> Because of application methodology and absorptive surface differences, two coats may be required to obtain this coverage.  
<sup>d</sup> Apply a 6 ft x 6 ft test area with coverage as indicated in the chart, before proceeding with the entire job. If there are voids in the dried BSNT – Texture, particularly at the mortar joints, the job should be parged with Genesis, 24 hours prior to BSNT – Texture roller application.  
<sup>e</sup> Backstop NT – Texture and Smooth should be applied at the recommended coverage rates to form a continuous film free of voids at a dry film thickness of approximately 3 mils.  
<sup>f</sup> Backstop NT – Texture (with up to 1 pint water addition per 60 lb. pail) or Smooth may be sprayed and backtrowelled/backrolled.

**Clean Up** – Clean tools with water while Backstop NT-Texture mixture is still wet.

**Limitations** - Apply Backstop NT-Texture to approved substrates only. Application over oriented strand board (OSB) sheathing and preservative or fire retardant treated wood is not recommended.

**Storage**  
 Backstop NT-Texture must be stored at 4 °C (40 °F) or above in tightly sealed containers out of direct sunlight.

**Technical and Field Service**  
 Available on request.

**Warranty**  
 Backstop NT-Texture is covered by and subject to the terms and conditions of Dryvit limited materials warranty applicable to the Dryvit system used. Dryvit makes no other warranties expressed or implied. Contact Dryvit for full details.

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