

# BACKSTOP NT

A high performance, polymer-based, non-cementitious water-resistive membrane and air barrier



DS.EN.04.56.03



## PRODUCT DESCRIPTION

Backstop NT is a flexible, polymer-based, noncementitious, water-resistive membrane, which resists water penetration, eliminates air infiltration and is vapour permeable. Backstop NT is available in two grades: Smooth and Texture.

## FEATURES & BENEFITS

FEATURE	BENEFIT
• Reinforcing fabric at joints	Continuous barrier across transitions
• One part products	Use straight out of the pail
• Quick drying	Early age resistance to moisture
• Backstop NT - Smooth low viscosity	Spray or roller application

**Drying Time** - The drying time of Backstop NT - Smooth and Texture is dependent upon the air temperature, wind conditions and relative humidity. Under average drying conditions 20°C, 55% RH Backstop NT - Smooth and Texture will be dry to the touch within 2 hours and cured in 6 hours

**Temporary Protection** - Shall be provided at all times until the membrane is dry. The membrane shall not be exposed to weather for longer than 180 days prior to installation of the specified cladding or EWI System.

## USES

Backstop NT - Smooth and Texture are designed to be used in conjunction with Dryvit External Wall Insulation (EWI) Systems. When used with the Dryvit AquaFlash System, Backstop NT provides an effective air barrier and water-resistive membrane for acceptable substrates.

## PACKAGING

Backstop NT Smooth is shipped in 18 kg pails. Backstop NT Texture is shipped in 23 kg pails. Grid Tape 12 rolls per box.

## COVERAGE

### Backstop NT - Smooth

0.5 to 0.7 kg/m<sup>2</sup> or 27 to 33 m<sup>2</sup> per pail dependent on substrate.

### Backstop NT - Texture

Sheathing board joints 0.3 kg/linear meter or 77 m per pail

Sheathing boards 0.8 to 1.0 kg/m<sup>2</sup> or 18.4 to 23.0 m<sup>2</sup> per pail

Over masonry 1.3 to 1.6 kg/m<sup>2</sup> or 14.4 to 17.7 m<sup>2</sup> per pail applied in two coats

### Grid tape 100mm width

90 linear m per roll.

Coverage is approximate and depends upon substrate profile, substrate porosity and individual application technique. The best way to accurately determine this is to carry out a test on a pre measured area using the substrate type and application method for the job in question.



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## ACCEPTABLE SUBSTRATES

All sheathing substrate joints must be treated with Dryvit Grid Tape and Backstop NT - Texture prior to application over the full sheathing surface.

- a. Cement Particle Boards meeting BS EN 634-2
- b. Core treated exterior grade gypsum sheathing with fiberglass mat facers meeting EN 15283-1 Types GM-F, GM-H1, GM-I.
- c. Exterior fibre reinforced cement or calcium/magnesium silicate boards.
- d. Exterior Rated Plywood meeting EN 636-3
- e. Exterior Grade Fire Retardant Treated Plywood, (Euroclass B or C) 12.5 mm minimum.
- f. OSB/3 meeting BS EN 300 (See limitations).
- f. Unpainted, unsealed masonry, concrete and block work.

## PREPARATION

Interior or exterior surfaces must be above 4°C and must be clean, dry, structurally sound and free of efflorescence, grease, oil, form release agents and curing compounds. On painted surfaces, remove all blistered and peeling paint to a sound substrate and remove all gloss by sanding.

Sheathing board gaps shall not exceed 6.5 mm and the surface must be flat within 6.5 mm in any 1.2 m radius. Concrete Block mortar joints shall be struck flush. Tooled mortar joints and heavily textured blocks (not split faced) shall be skimmed with Dryvit Genesis, Genesis DM Plus or Fibercoat and allowed to dry prior to the application of Backstop NT -Texture. Block work 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 repellents or other materials that inhibit adhesion.

## MIXING

Backstop NT - Smooth and Texture are ready for use after an initial spin-up using a drill with paddle mixer. Do not add cement or other additives.

## APPLICATION METHOD

**Backstop NT - Smooth:** May be applied using a nap roller. Follow Dryvit Installation Instructions, DUK181 for specific requirements. Roller application produces a smooth texture. Please refer to the chart below for clarification on when to use.

**Backstop NT - Texture:** Depending on the substrate it may be applied using a roller, spray equipment and backrollered, or a trowel. Follow Dryvit Installation Instructions, DUK177 for specific requirements. Roller application produces a stipple texture therefore, it is necessary to use a trowel to strike smooth areas if they are to receive flashing tape (i.e., window openings) before the material dries.

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## STORAGE

Backstop NT must be stored at a minimum of 4°C and a maximum of 38°C in tightly sealed containers protected from weather and out of direct sunlight.

## CAUTIONS & LIMITATIONS

Apply Backstop NT - Smooth or Texture to acceptable substrates only.

Application over Oriented Strand Board (OSB) requires a minimum of 2 coats of Backstop NT - Smooth.

When applying over unpainted concrete and concrete blocks a minimum of two coats (roller-applied) or 1 coat of trowel applied Backstop NT - Texture are required.

## CLEANING

All equipment must be washed with clean water immediately after use and while the Backstop NT is still wet. Disposal must be in accordance with local and national legislation and must not be emptied into drainage systems.

## HEALTH & SAFETY

Refer to Application Instructions and the product Safety Data Sheet.



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## APPLICATION METHOD

### Backstop NT – Texture and Backstop NT – Smooth Usage/Application Chart

Substrate	Location	Product	Tool	Approximate Coverage Per Pail <sup>a</sup>
Exterior grade Gypsum sheathing	Joints <sup>a</sup>	Backstop NT - Texture	Trowel	77 m
	Face <sup>f</sup>	Backstop NT - Texture OR Backstop NT - Smooth	Trowel or Roller <sup>b</sup>	For both tools 18.4 - 23.0 m <sup>2</sup>
			13 mm Nap Roller	33 m <sup>2 c</sup>
DensGlass	Joints <sup>a</sup>	Backstop NT - Texture	Trowel	77 m
	Face <sup>f</sup>	Backstop NT - Texture OR Backstop NT - Smooth	Trowel	18.4 - 23.0 m <sup>2</sup> (includes joints)
			19 mm Nap Roller	33 m <sup>2 c</sup>
Exterior Grade Plywood and Exterior Cement Board	Joints <sup>a</sup>	Backstop NT - Texture	Trowel	77 m
	Face <sup>f</sup>	Backstop NT - Texture OR Backstop NT - Smooth	Trowel or Foam Roller <sup>b</sup>	For both tools 18.4 - 23.0 m <sup>2</sup>
			13 mm Nap Roller	33 m <sup>2 c</sup>
Concrete and Masonry	Face	Backstop NT - Texture	Trowel <sup>f</sup> (one coat) or Foam Roller <sup>b</sup> (two coats)	19 - 23 m <sup>2</sup>

a Tape the joints with Dryvit Grid Tape prior to application of Backstop NT – Texture at joints and screw heads.  
b Up to ½ litre of water may be added to a pail of Backstop NT – Texture for roller or spray applications only.  
c Because of application methodology and absorptive surface differences, two coats may be required to obtain this coverage.  
d Apply a 2m x 2m test area with coverage as indicated in the chart, before proceeding with the entire job. If there are voids in the dried Backstop NT – Texture, particularly at the mortar joints, the job should be profiled with Genesis, 24 hours prior to Backstop NT – Texture roller application.  
e 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 75 microns.  
f Backstop NT – Texture (with up to ½ litre water addition per pail) or Smooth may be sprayed and backtrowelled/backrolled.

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