



# TECHNICAL DATA SHEET

## CEMENT BOARD MD FINISH SYSTEM™

An Exterior Finish System Applied Over Exterior Cement Board  
With a Water-Resistive Barrier and Moisture Drainage  
DS480

### Description

Cement Board MD Finish System consists of an acrylic-modified base coat with reinforcing mesh embedded and finish applied over an approved exterior cement board. The exterior cement board meeting ASTM C 1325 (by others) and fasteners (by others) are applied over Dryvit MD Spacers™ (drainage medium), Dryvit Backstop NT™ or other code approved water-resistive barrier and approved exterior sheathing.

### Uses

Cement Board MD Finish System is applied over approved sheathing substrates in residential and low-rise commercial applications when exterior insulation is not required.

### Coverage

All coverages are approximate and may vary slightly, depending on substrate, details and individual application technique.

### Dryvit Components

**Backstop NT - Texture:** 230-300 ft<sup>2</sup> (23-28 m<sup>2</sup>) per 5 gal (19 L) pail, including joint treatment, when applied by roller in accordance with Dryvit recommendations.

**Backstop NT - Smooth:** Approximately 500 ft<sup>2</sup> (46 m<sup>2</sup>) per 5 gal (19 L) pail, when applied by roller in accordance with Dryvit recommendations.

**Genesis®:** Approximately 250 ft<sup>2</sup> (23 m<sup>2</sup>) of surface area per 60 lb (27 kg) pail. Coverage rate includes embedding strips of Detail Mesh® at all exterior cement board sheathing joints and a continuous layer of reinforcing mesh over the entire exterior cement board face.

**Genesis® DM:** Approximately 105 ft<sup>2</sup> (10 m<sup>2</sup>) of surface area per 50 lb (23 kg) bag. Coverage rate includes embedding strips of Detail Mesh at all exterior cement board sheathing joints and a continuous layer of reinforcing mesh over the entire exterior cement board face.

**Genesis® DMS:** Approximately 118 ft<sup>2</sup> (11 m<sup>2</sup>) of surface area per 50 lb (23 kg) bag. Coverage rate includes embedding strips of Detail Mesh at all exterior cement board sheathing joints and a continuous layer of reinforcing mesh over the entire exterior cement board face.

**Reinforcing Mesh:** Standard 4 ft x 150 ft (1.2 m x 46 m) provides 600 ft<sup>2</sup> (56 m<sup>2</sup>) of coverage.

**Finishes:** Refer to the individual product data sheets for the specified finish.

### Application Procedure

**Job Conditions** - Air and surface temperature for application of Cement Board MD Finish System materials must be 40°F (4°C) or higher and must remain so for a minimum of 24 hours.

**Temporary Protection** - Must be provided at all times to protect against damaging effects of precipitation, dirt and job-site contamination.

**Substrates/Preparation** - Surfaces must be above 40°F (4°C) or higher and must be clean, dry, structurally sound and free of efflorescence, grease, oil and paint.

**Mixing** - Dryvit materials must be mixed in accordance with current Dryvit literature.

**Application** - Cement Board MD Finish System materials must be applied in accordance with current Dryvit Cement Board MD Finish System Specifications,

DS191. Dryvit finishes must be applied in accordance with published Dryvit instructions for the specific finish being used. Refer to the published product sheet for the appropriate finish.

**Clean-Up** - Clean tools with water while product is still wet.

### Storage

Store bags and pails on pallets, wrapped or covered, protected from the weather and out of direct sunlight. Wet goods must be stored at a minimum of 40°F (4°C) and a maximum of 100°F (38°C) in tightly sealed containers protected from weather and out of direct sunlight.

### Cautions and Limitations\*

- Avoid applying wet goods in direct sunlight. Always work on the shady side of the wall or protect the area with appropriate shading material.
- Use is limited to applications on projects not exceeding 5 stories.
- Minor cracking is possible in the finished exterior surface.
- Non-insulated claddings may exhibit shadowing (ghosting) of fasteners and or framing members due to varying exterior surface temperatures.
- Critical light will tend to exaggerate construction irregularities when coatings are applied directly to sheathing in framed construction.
- Base coat material shall not be used to level wall surface imperfections.

- Consult exterior cement board manufacturer requirements for stud spacing, fastening requirements and other design and installation considerations.

\*Exterior cement board direct applied systems have limited design freedom and performance compared to exterior insulation and finish systems. Refer to Dryvit's Outsulation® family of insulated wall cladding for increased design and performance.

#### Technical and Field Services

Available on request.

February 2022/DS480

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