

# Pebbletex D, D7 and D10 Systems Methods of Attachment

## PEBBLETEX D

### Fire Test Results:

#### UBC Standard 26-9 (Formerly 17-6)/NFPA 285 Intermediate Scale Fire Test

Successfully meets all of the test criteria.

### NFPA 268/Radiant Heat Exposure

Satisfies conditions of acceptance. No ignition upon 20 minute radiant heat exposure at 1.25 w/cm<sup>2</sup>.

### Physical Test Results:

#### ASTM E331 Modified—drainage performance and drying potential of Class PB EIFS

Pass

### ASTM E330—wind-load

Assembly components: steel stud framing—(18 gauge), 406 mm (16") o.c.; sheathing—11.7 mm (15/32") exterior grade exposure 1 plywood; housewrap; expanded polystyrene insulation board; mechanical fasteners; Finestone Base Coat/ Standard 4 Reinforcing Mesh; and Finestone Finish Coat.

#### Assembly Specifics:

EPS thickness—25 mm (1")

See Figure 1

EPS thickness—38 mm (1.5")

See Figure 1

EPS thickness—50 mm (2")

See Figure 1

EPS thickness—50 mm (2")

See Figure 2

EPS thickness—38 mm (1.5")

See Figure 2

#### Average Ultimate Loads:

- 4166 Pa (- 87 psf)

+ 3016 Pa (+ 63 psf)(no failure)

- 6224 Pa (- 130psf)

+ 3926 Pa (+ 82 psf)(no failure)

- 6272 Pa (- 131 psf)

+ 3974 Pa (+ 83 psf)(no failure)

- 4261 Pa (- 89 psf)

+ 3782 Pa (+ 79 psf)(no failure)

- 5458 Pa (- 114 psf)

+ 3782 Pa (+ 79 psf)(no failure)

**PEBBLETEX D10**

**Fire Test Results:**

**UBC Standard 26-9 (Formerly 17-6)/NFPA 285**—Intermediate Scale Fire Test

Successfully meets all of the test criteria.

**NFPA 268/Radiant Heat Exposure**

Satisfies conditions of acceptance. No ignition upon 20 minute radiant heat exposure at 1.25 w/cm<sup>2</sup>.

**Physical Test Results:**

**ASTM E331 Modified**—drainage performance and drying potential of Class PB EIFS

Pass

**ASTM E330**—wind-load

Assembly components: wood framing/sheathing—10.9 mm (7/16") exposure 1 oriented strand board; type 15 # felt paper; BASF Drainage Mat; expanded polystyrene insulation board; mechanical fasteners; Finestone Base Coat/Standard Reinforcing Mesh; and Finestone Finish Coat.

Assembly Specifics:

Framing—406 mm (16") o.c.

EPS thickness—25 mm (1")

Framing—406 mm (16") o.c.

EPS thickness—50 mm (2")

Average Ultimate Loads:

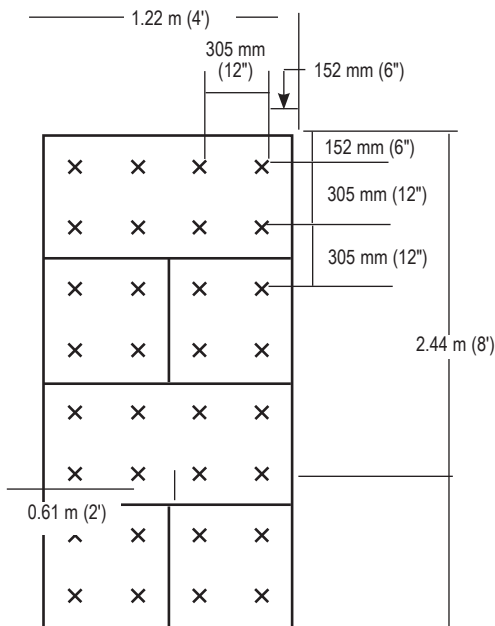
- 5123 Pa (- 107 psf)

+ 3830 Pa (+ 80 psf) (no failure)

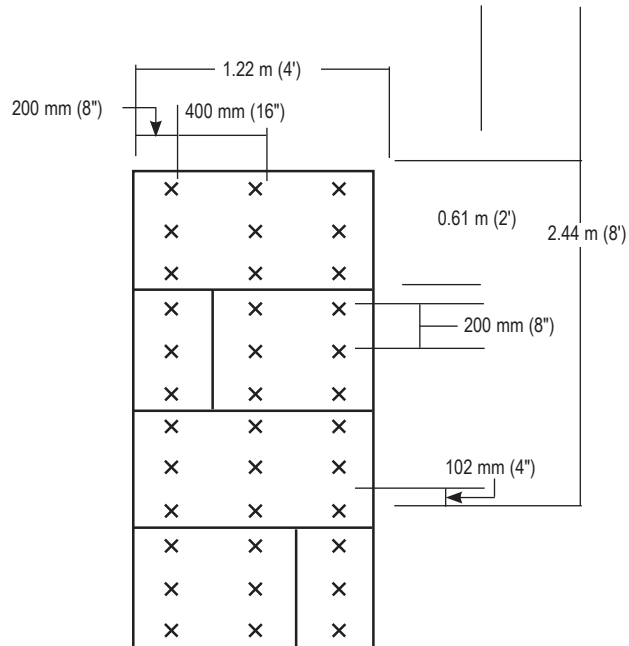
- 5841 Pa (- 122 psf)

+ 4022 Pa (+ 84 psf) (no failure)

**Figure 1 (For Pebbletex D, D7 and D10)**



**Figure 2 (Pebbletex D)**



## PEBBLETEX D7

### Physical Test Results:

**ASTM E331 Modified**—drainage performance and drying potential of Class PB EIFS

Pass

### ASTM E330

—wind-load

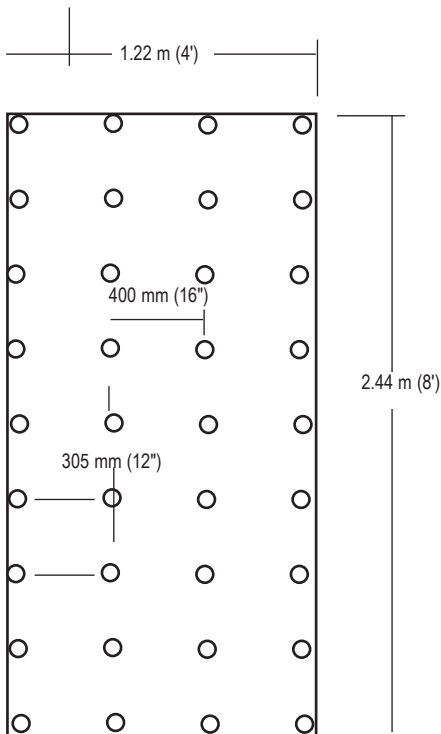
Assembly components: wood framing; 25 mm x 1.22 m x 2.44 m (1" x 4' x 8') polyisocyanurate insulation board; mechanical fasteners; Finestone Base Coat/Standard Reinforcing Mesh; and Finestone Finish Coat. Attached 304 mm (12") on center vertically and 406 mm (16") on center horizontally.

#### Ultimate Loads:

- 6392 Pa (- 133.5 psf)

+ 7302 Pa (+ 152.5 psf)

**Note: No safety factors taken into consideration. Apply the safety factors for the code regulations governing the area of installation.**



**Note: Different methods of attachment are available depending upon project and local building code requirements. Recommended options are shown. Generally accepted engineering and design practice dictates a safety factor of up to three be applied to ultimate loads.**

See current *Finestone EIFS* and Coatings Test Results technical bulletin for additional information.

For the most current version of this literature, please visit our website at [finestone.master-builders-solutions.com/en](http://finestone.master-builders-solutions.com/en).