

TECHNICAL BULLETIN

Pebbletex D, D7 and D10 Systems Methods of Attachment

PEBBLETEX D OPTION 1

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/cm².

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; LaHabra Base Coat/Standard Reinforcing Mesh; and LaHabra 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 OPTION 2

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/cm².

Physical Test Results:

ASTM E 331Modified—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; SikaWall® Drainage Mat; expanded polystyrene insulation board; mechanical fasteners; LaHabra Base Coat/Standard Reinforcing Mesh; and LaHabra 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)

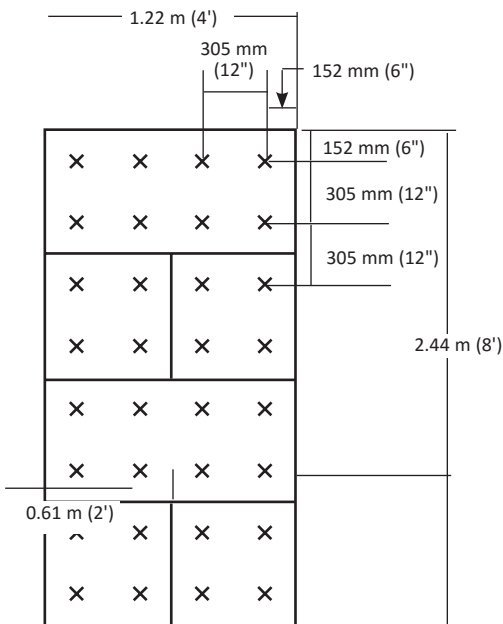
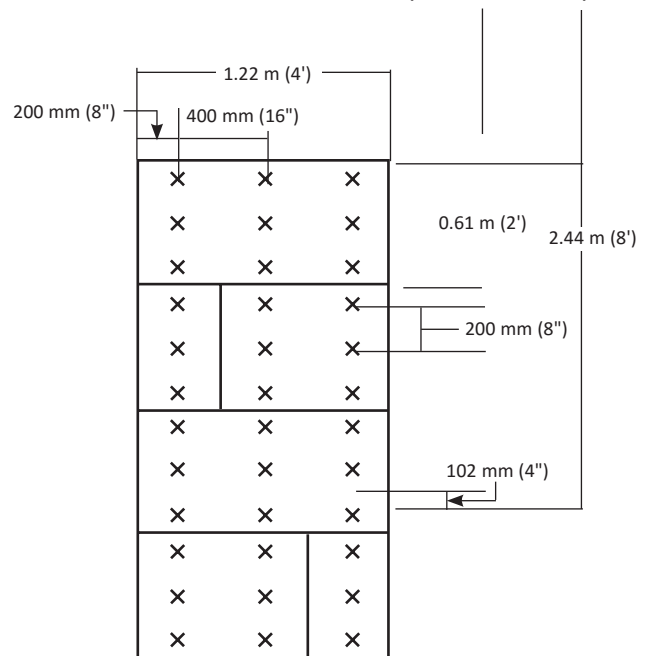


FIGURE 2 (FOR PEBBLETEX D)



PEBBLETEX D7

Physical Test Results:

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

ASTM E330

—wind-load

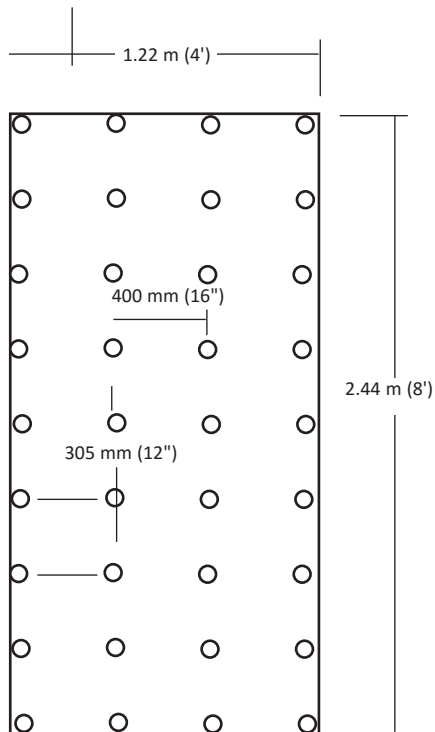
Assembly components: wood framing; 25 mm x 1.22 m x 2.44 m (1" x 4' x 8') polyisocyanurate insulation board; mechanical fasteners; LaHabra Base Coat/Standard Reinforcing Mesh; and LaHabra Finish Coat. Attached 304 mm (12") on center vertically and 406 mm (16") on center horizontally.

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.



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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 LaHabra EIFS and Coatings Test Results technical bulletin for additional information.

Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071 USA
Customer Service +1 (800) 433-9517
Technical Service +1 (800) 589-1336
usa.sika.com/lahabra

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