

Code Compliance Research Report CCRR-0460

Issue Date: 10-01-2022 Revised Date: 10-05-2023 Renewal Date: 10-31-2024

DIVISION: 09 00 00 - FINISHES

Section: 09 24 00 - Portland Cement Plastering

REPORT HOLDER: FacadesXi, LLC 15262 Capital Port San Antonio, TX 78249 (800) 611-6602

REPORT SUBJECT: FACADESONE One-Coat Stucco Systems

1.0 SCOPE OF EVALUATION

- **1.1** This Research Report addresses compliance with the following Codes:
- 2021, 2018 International Building Code® (IBC)
- 2021, 2018 International Residential Code® (IRC)

NOTE: This report references the most recent Code editions cited. Section numbers from earlier editions may differ.

- **1.2** The FACADESONE One-Coat Stucco Systems have been evaluated for the following properties (see Table 1):
- Structural (wind resistance)
- Durability
- Weather protection
- **1.3** The FACADESONE One-Coat Stucco Systems have been evaluated for the following uses (see Table 1):
- Exterior walls in Types I, II, III, IV and V construction; see Section 5.2.5 for use on exterior walls of Types I, II, III and IV Construction.
- Fire-resistance-rated construction when constructed as described in Section 5.2.4.
- Use as a standard three-coat exterior plaster in accordance with IBC Section 2512 and IRC Section R703.7.

2.0 STATEMENT OF COMPLIANCE

The FACADESONE One-Coat Stucco Systems comply with the Codes listed in Section 1.1, for the properties stated in Section 1.2, and uses stated in Section 1.3, when installed as described

in this report, including the Conditions of Use stated in Section 6.0.

3.0 DESCRIPTION

- **3.1 Exterior Wall Covering System:** The FACADESONE One-Coat Stucco Systems are proprietary coatings that are reinforced with wire fabric, metal lath, plastic lath, or glass fiber lath, and applied to substrates of foam plastic insulation board, gypsum sheathing board, fiberboard, plywood, or oriented strand board (OSB). The systems may also be applied over concrete or masonry units directly, with or without lath.
- **3.2 FACADESONE**Concentrate: FACADESONE

 Concentrate is a factory-prepared mixture of Portland cement complying with ASTM C150, chopped fibers, and proprietary additives. The mixture is packaged in 80 pound bags. 4 to 6 gallons of water and 200 to 250 pounds of sand are added to each bag in the field and mixed in accordance with the manufacturer's recommendations.
- **3.3 FACADESONE Sanded:** FACADESONE Sanded is a factory-prepared mixture of Portland cement complying with ASTM C150, chopped fibers, proprietary additives, and sand. Approximately 1.5 gallons of water are added to each bag in the field and mixed in accordance with the manufacturer's recommendations.
- **3.4 FACADESONE Enhanced:** FACADESONE Enhanced is a factory-prepared mixture of Portland cement complying with ASTM C150, chopped fibers, and proprietary additives. The mixture is packaged in 80 pound bags. Approximately 5.6 gallons of water and 250 pounds of sand are added to each bag in the field and mixed in accordance with the manufacturer's recommendations.
- **3.5 Sand:** Sand must be clean and free from deleterious amounts of loam, clay, silt, soluble salts, and organic matter. Sampling and testing must comply with ASTM



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C144 or C897. Sand must be graded in accordance with ASTM C144 or C897 within the following limits:

RETAINED ON U.S.	PERCENT MAINTAINED BY WEIGHT± 2 PERCENT		
STANDARD SIEVE	Minimum	Maximum	
No. 4	-	0	
No. 8	0	10	
No. 16	10	40	
No. 30	30	65	
No. 50	70	90	
No. 100	95	100	

3.6 Insulation Board:

3.6.1 Foam Plastic: Expanded polystyrene (EPS) and extruded polystyrene (XPS) insulation boards must comply with ASTM C578. Polyisocyanurate insulation boards must comply with ASTM C1289. The foam plastic boards must have a flame spread index of 25 or less, and a smokedeveloped index of 450 or less. All boards must be recognized in a current Research Report acceptable to the Code Official. See Section 8.0 for board identification.

	TABLE 1 – FOAM PLASTIC BOARDS		
Backing	Configuration		
Open framing	1.0- to 1.5-inch-thick, 1.5 pcf min. density, foam plastic boards with 3/8-inch tongue and groove horizontal joints as shown in Figure 1 of this report		
·	1-inch-thick, 2 ft by 8 ft Dow StyroFoam XPS with 4- sided tongue and groove edges installed according to ICC-ES ESR-2142.		
Wood structural panel (WSP) and other rigid sheathing	Minimum 0.5-inch-thick, 1.0 pcf min. density, insulation boards with either 1/4-inch-wide-by-1/8-inch-deep vertical grooves spaced at 12 inches on the back face, or flat insulation boards must be installed over Tyvek® Stucco Wrap® or Tyvek® Drain Wrap barrier as the water-resistive barrier or flat insulation board must be installed over a code-complying water-resistive barrier with an approved drainage mat.		
Rigid sheathing used with foam plastic that is a water-resistive barrier	Minimum 1.0-inch-thick, 1.0 pcf min. density, foam plastic insulation with 3/8-inch tongue and groove horizontal joints as shown in Figure 1 of this report. The foam plastic boards must be installed in accordance with the evaluation report describing their use as a water-resistive barrier.		

When an approved liquid-applied weather-resistive barrier is used, flat EPS foam insulation boards may be used when applied with an approved means of drainage, such as vertical ribbons of adhesive or drainage mat, in accordance with the Research Report for the weather-resistive barrier.

3.6.2 Mineral Wool: Rockwool mineral wool insulation boards, recognized in ICC-ES ESR-3773, may be used over solid sheathing when installed with Tyvek Stucco Wrap or Tyvek Drain Wrap barrier as the water-resistive barrier.

3.7 Lath:

- **3.7.1 Wire Fabric Lath:** Wire fabric lath must comply with ICC-ES AC191 and must be minimum No. 20 gage (0.035 inch), 1 inch galvanized steel, woven-wire fabric. Furring must comply with the following requirements:
- When maximum total coating thickness is 1/2 inch or less, the body of the lath must be furred a minimum of 1/8 inch from the substrate after installation.
- When total coating thickness is greater than 1/2 inch, No. 17 gage (0.058 inch) by 1-1/2 inch woven-wire fabric lath must be used. The body of the lath must be furred a minimum of 1/4 inch from the substrate after installation.
- **3.7.2 Metal Lath:** Metal lath must comply with ICC-ES AC191. Furring requirements are as set forth in Section 3.6.1.

3.8 Sheathing:

- **3.8.1 Gypsum Board:** Gypsum board and water-resistant core gypsum sheathing must comply with ASTM C 1396 or glass-mat gypsum sheathing per C1177.
- **3.8.2 Fiberboard:** Minimum 1/2 inch thick fiberboard must comply with ASTM C 208, Type IV, wall sheathing in accordance with IBC Section 2303.1.6.
- **3.8.3 Wood Structural Panels:** Wood structural panels must comply with IBC Sections 2303.1.5, 2304.6.1, or IRC Section R602.3. Plywood must be exterior grade or Exposure 1 and comply with DOC PS-1, and OSB must be Exposure 1 and comply with DOC PS-2.
- **3.9 Caulking:** Acrylic latex caulking materials must comply with ASTM C 834.

3.10 Weather Protection:



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3.10.1 Water-resistive Barrier: Application of the water-resistive barrier must comply with IBC Section 1403.2 or IRC Section R703.2. The water-resistive barrier must be a minimum of one layer of (1) No. 15 asphalt felt, complying with ASTM D 226, Type I, or (2) a water-resistive barrier recognized in a current Research Report as equivalent to ASTM D 226, Type I or better.

Tyvek® Stucco Wrap® or Tyvek® Drain Wrap (ICC-ES ESR-2375) may be used over open framing and may be used where required over solid substrates as described in Section 3.5.

A liquid-applied water-resistive barrier coating may be used for the water-resistive barrier when applied in accordance with the Research Report on the coating system.

When application is over wood-based sheathing, the water-resistive barrier must also be installed in accordance with IBC Section 2510.6 or IRC Section R703.7.3.

- **3.10.2 Vapor Retarder:** A vapor retarder complying with IBC Section 1404.3 or IRC Section R702.7 must be provided, unless its omission is permitted under the exceptions noted in IBC Section 1402.2 or IRC Section R703.1.
- **3.10.3 Flashing, Trim and Accessories:** All flashing, trim, weep screeds, and corner reinforcement shall comply with IBC Section 1404.4 and IRC Section R703.4. Rigid flashing must comply with Section 1404.4 of the IBC and must be sloped towards the exterior, with an upturned leg on the interior side and at the ends. Flashing must extend beyond the surface of the exterior wall.

4.0 PERFORMANCE CHARACTERISTICS

- **4.1 Wind Resistance:** See Table 2. Allowable wind loads are applicable to wind design pressure derived from allowable stress design wind speed (V_{asd}) per Section 1609.3.1 of the IBC.
- **4.2 Noncombustibility:** The FACADESONE One-Coat Stucco Lamina is a noncombustible material complying with IBC Section 703.3.1 based on testing in accordance with ASTM E136.

5.1 General: The FACADESONE One-Coat Stucco Systems must be installed in accordance with the National One Coat Stucco Association (NOCSA) Standard for Installation and Furring of Plaster Base (Lath) for Vertical Construction, the manufacturer's published installation instructions, the applicable Code, and this Research Report. A copy of the installation instructions must be available on the jobsite during installation.

5.2 Application:

5.2.1 General: The stucco system must be applied in accordance with FacadesXi, LLC published installation instructions. Lath must be attached to framed walls as described in Table 2. The coating must be applied to a minimum 3/8 inch nominal thickness. The lath, when required, must be embedded in the minimum coating thickness and must not be exposed.

The coating must be applied by applicators approved by FacadesXi, LLC.

An installation card, as shown in Figures 2 and 3 of this report, must be on the jobsite with the name of the applicator and the product to be used before any water-resistive barrier or exterior sheathing is installed.

5.2.2 Application on Framed Walls: Insulated systems may be installed over open framing and over solid sheathing. Uninsulated systems must be installed over solid sheathing. Sheathing must be installed in accordance with the Code unless more restrictive requirements are specified in Section 5.2.5 or 5.2.6. Wall framing must be designed in accordance with the applicable Code. Metal lath or alternative lath must be installed as described in the NOCSA installation guideline.

5.2.3 Application Over Concrete and Masonry:

- **5.2.3.1 General:** The water-resistive barrier may be omitted when the stucco is installed directly over concrete or unit masonry substrates.
- **5.2.3.2 Application without Lath:** Surface preparation of concrete and masonry must be in accordance with IBC Section 2510.7. The coating must be applied directly to

5.0 INSTALLATION



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the prepared surface at a minimum nominal thickness of 3/8 inch in accordance with Section 5.2 of this report.

- **5.2.3.3 Application with Lath:** Lathing and furring used to receive stucco must be installed and conform with the NOCSA installation guide. Fasteners used to install the lath must be approved. The lath must be fastened in vertical rows, a maximum of 24 inches on center. Fastener spacing in each row must be a maximum of 7 inches. The coating must be applied in accordance with Section 5.2 of this report.
- **5.2.4 Application as an Exterior Stucco System:** The FACADESONE Concentrate, Sanded, and Enhanced mixtures may be used as standard 3/4 inch thick scratch and brown coats when applied in accordance with ASTM C926, and IBC Section 2512 or IRC Section R703.7, as applicable.
- 5.2.5 Fire-Resistance-Rated Wall Assemblies: See Table 3.
- **5.2.6 Exterior Walls of Type I, II, III, or IV Construction:** When the walls are constructed without foam plastic insulation, the FACADESONE One-Coat Stucco Systems may be used on buildings required to be of noncombustible construction. When the walls incorporate foam plastic insulation, construction must be as described in Table 4.

5.2.7 Drainage:

- **5.2.7.1 Unbacked EPS:** A water-resistive barrier described in Section 3.9.1 is required and must be applied between the EPS and framing.
- **5.2.7.2 Solid Sheathing:** Drainage is provided either by using EPS insulation with grooves, as described in Section 3.5 together with a water-resistive barrier described in Section 3.9.1; or by using Tyvek® Stucco Wrap® or Tyvek® Drain Wrap, installed between the flat EPS boards and the sheathing.

5.2.8 Miscellaneous:

5.2.8.1 Inspections: Lath inspections shall be made in accordance with IBC Section 110.3.5 and IRC Section R109.1.5.1.

- **5.2.8.2 Control Joints:** Control joints must be installed as specified by the registered design professional, designer, builder, or exterior coating manufacturer, in that order.
- **5.2.8.3 Curing:** Curing must follow FacadesXi, LLC application instructions.
- **5.2.8.4 Soffits:** The system may be applied to soffits, provided the coating is applied over metal lath complying with Section 3.6.2 of this report in lieu of wire fabric lath. Metal lath fastening must comply with ASTM C1063 or IRC Section R703.7, except the fastener length must be increased by the thickness of any substrate. Lath selection must be based on ASTM C1063, Table 1.
- **5.2.8.5 Sills:** The system may be applied to sills at locations such as windows and other similar areas. Sills with depths of 6 inches or less may have the coating and lath applied to any substrate permitted in this report, provided the coating, lath, water-resistive barrier, and substrate are installed in accordance with the appropriate sections of this report. Sills with depths exceeding 6 inches must have substrates of solid wood or plywood. The substrate must be fastened in accordance with IBC Table 2304.10.1 or IRC Table R602.3 (1), and then a double layer of an approved water-resistive barrier must be applied. The coating, lath, and optional EPS board must be applied in accordance with Section 5.2.2 of this report.

6.0 CONDITIONS OF USE

- **6.1** Installation must comply with this Research Report, the manufacturer's published installation instructions, and the applicable Code. In the event of a conflict, this report governs.
- **6.2** Installation must be by qualified contractors acceptable to FacadesXi, LLC.
- **6.3** For walls with foam plastic insulation, the interior of the building must be separated from the EPS board with a thermal barrier complying with IBC Section 2603.4 or IRC Section R316.4, such as 1/2 inch thick regular gypsum wallboard applied in accordance with the applicable Code.
- **6.4** An installation card, as shown in Figure 2, must be left at the jobsite for the owner, and a copy must be filed with the building department.



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- **6.5** Foam plastic must not be placed on exterior walls of wood construction located within 6 inches of the ground in areas where hazard of termite damage is very heavy in accordance with IBC Section 2603.8 or IRC Section R318.4 of the IRC.
- **6.6** Documentation of an Intertek approved quality control system for the manufacturing of products recognized in this report.
- **6.7** The FACADESONE One-Coat Stucco System components are manufactured under a quality control program with inspections by Intertek Testing Services NA, Inc.

7.0 SUPPORTING EVIDENCE

- **7.1** Reports of tests in accordance with the ICC-ES Acceptance Criteria for Cementitious Exterior Wall Coatings (AC11), January 2013 (editorially revised May 2018).
- **7.2** Reports of tests in accordance with ASTM E119, ASTM E136, and NFPA 285.

8.0 IDENTIFICATION

The FACADESONE One-Coat Stucco Systems are identified with the manufacturer's name (FacadesXi, LLC), address and telephone number, weight of packaged mix, storage instructions, maximum amount of water and other components that may be added and conditions that must be considered in determining actual amount, curing instructions, the product name, the Intertek Mark as shown below, the Intertek Control Number, and the Code Compliance Research Report number (CCRR-0460).



9.0 FLORIDA BUILDING CODE

This section is not applicable.

10.0 CODE COMPLIANCE RESEARCH REPORT USE

- **10.1** Approval of building products and/or materials can only be granted by a building official having legal authority in the specific jurisdiction where approval is sought.
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- **10.3** Reference to the https://bpdirectory.intertek.com is recommended to ascertain the current version and status of this report.

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TABLE 1 – PROPERTIES EVALUATED

PROPERTIES	2021 INTERNATIONAL BUILDING CODE (IBC)	2021 INTERNATIONAL RESIDENTIAL CODE (IRC)
Wind Resistance	1609	R301.2.1
Installation	2512	R703.7
Fire-resistance-rated Construction	703.2	R302
Weather Protection	1402.2 2512	R703.2 R703.7.3
Exterior Walls of Types I, II, III, and IV Construction	2603.5	Not Applicable

Section numbers in earlier Codes may differ.







TABLE 2 - WIND RESISTANCE

Assembly Number	Interior Sheathing	Framing Type and Spacing	Sheathing		Lath		Allowable transverse loading (psf)	
Number	Sileatilling	and Spacing	Туре	Fastener and Spacing	Type (See Note 2)	Fasteners and Spacing	Positive	Negative
1	Optional	2 x 4 wood at 24 in. oc	Any (including continuous insulation) (See note 2)	Per Code requirements	Minimum No. 20 GA woven wire fabric lath	1/2 in. crown x 2 in. No. 16 GA. staples at 7 in. oc	54	22
2	Optional	2 x 4 wood at 16 in. oc	1/2 in. gypsum sheathing complying with ASTM C1177 or C1396	1-1/2 in. No. 11 GA roofing nails at 8 in. oc	Minimum No. 20 GA woven wire fabric lath	1/2 in. crown x 2 in. No. 16 GA staples at 7 in. oc (see note 8)	138	81
3	Optional	2 x 4 wood at 16 in. oc	7/16 in. OSB 24/16 Exp 1	6d common nails (0.113 in. x 2 in.) at 6 in. oc on the perimeter and 12 in. in the field	Minimum No. 20 GA woven wire fabric lath	1/2 in. crown x 2 in. No. 16 GA staples at 7 in. oc (see note 8)	138	133
4	Optional	Minimum No. 20 GA metal, 3-5/8 in. x 1-5/8 in., at 16 in. oc	1/2 in. gypsum sheathing complying with ASTM C1177 or C1396	#6 x 1-5/8 in. self- drilling screws at 8 in. oc	Minimum No. 20 GA woven wire fabric lath	No. 8 x 1-5/8 in. wafer-head self-drilling screws at 7 in. oc	109	60
5	Optional	Minimum No. 20 GA metal, 3-5/8 in. x 1-5/8 in., at 16 in. oc	7/16 in. OSB 24/16 Exp 1	#6 x 1-5/8 in. self- drilling screws at 8 in. oc	Minimum No. 20 GA woven wire fabric lath	No. 8 x 15/8 in. wafer-head self-drilling screws at 7 in. oc	109	64

Notes:

- 1. Wood framing shall have a minimum specific gravity of 0.42.
- 2. Insulation when used without sheathing shall have a minimum flexural strength of 35 psi, equivalent to ASTM C578 EPS Type II.
- 3. Lath may be No. 20-ga. (0.035 inch), 1-inch opening, galvanized steel, woven-wire fabric lath complying with ASTM C1032, metal lath complying with ASTM C847 or welded wire lath complying with ASTM C933.
- 4. Continuous insulation or a drainage mat, or a combination of the two, up to 1-1/2 in. thick may be used with any assembly. Fastener length shall be extended to achieve the same penetration into framing.
- 5. Minimum thickness of FacadesOne Coat Stucco is 3/8 in.
- 6. Reported values are based on FacadesOne Coat Stucco mixture have a nominal compressive strength of 3474 psi.
- 7. Assembly 1, results may be applied to metal framing provided the screws attaching the sheathing and lath conform with requirements in Note 8.
- 8. Screws having a minimum withdrawal capacity of 21 lbf/in. of penetration in wood having a specific gravity of 0.42 are permitted to be used in lieu of staples.







TABLE 3 – ONE-HOUR FIRE-RESISTANCE-RATED ASSEMBLIES

lutoviov Finish	Fuorusin a		Exterio	[·] Finish	
Interior Finish	Framing	Sheathing	Insulation	Coating	Axial Loads
5/8 in. Type X	2 x 4 or 2 x 6 wood	Min. 7/16 in. wood	None	Min. 3/8 in. thick	See Note 1
gypsum board,	framing a maximum	structural panel; all		FACADESONE	
vertical or	of 24 in. oc; studs	joints must be		One-Coat Stucco	
horizontal, all	braced at mid-height;	backed by framing;		with metal lath	
joints must be	min. R-11 fiberglass	attached to framing		attached per 5.2	
backed; attached	or mineral wool batt	with 2-3/8 in., 8d			
with 1-5/8 in.	in cavities. If used,	coated sinker nails,			
long, galvanized	the vapor retarder	spaced 8 in. oc			
steel nails having	must face the				
a 0.3 in. head	interior side of the				
and 0.1 in. shaft,	wall. Insulation				
spaced at 8 in.	secured to studs with				
oc; joints and	No. 24 GA staples,				
nail heads must	with 3/8 in. legs by				
be treated ²	0.422 in. crowns,				
	spaced 12 in. oc				
5/8 in. Type X	2 x 4 or 2 x 6 wood	1 in. T/G Type 2	EPS	Min. 3/8 inthick	See Note 1
gypsum board,	framing a maximum	attached with		FACADESONE	
vertical or	of 24 in. oc; studs	1-7/8 in. galvanized		One-Coat Stucco	
horizontal, all	braced at 5 ft. oc;	steel roofing nails (head dia. 0.375 in.,		with metal lath	
joints must be	R-11 fiberglass or	shaft dia. 0.125 in.),		attached per 5.2	
backed; attached	mineral wool	spaced at 12 in. oc;			
with 1-5/8 in.	insulation in stud	covered with 2 layers			
long, 5d gypsum	cavities. If used, the	of Grade D Kraft Paper			
wallboard,	vapor retarder must	having a 3 in. overlap			
spaced at 8 in.	face the interior side				
oc; joints and	of the wall. Insulation				
nail heads must	secured to studs with				
be treated ²	No. 24 GA staples,				
	with 3/8 in. legs by				
	0.422 in. crowns,				
	spaced 12 in. oc				







TABLE 3 - ONE-HOUR FIRE-RESISTANCE-RATED ASSEMBLIES - Continued

Interior Finish	Fuomina		Exterio	r Finish	
Interior Finish	Framing	Sheathing	Insulation	Coating	Axial Loads
5/8 in. Type X	2 x 4 or 2 x 6 wood	None or partially or	None	Min. 3/8 in. thick	See Note 1
gypsum board,	framing a maximum	fully covered with		FACADESONE	
vertical or	of 24 in. oc; studs	7/16 in. thick wood		One-Coat Stucco	
horizontal, all	braced mid-height;	structural panels		with metal lath	
joints must be	R-11 fiberglass or	attached with 8d		attached per 5.2	
backed; attached	mineral wool	sinker nails, 2-3/8			
with 1-5/8 in.	insulation in stud	in. long, spaced 8 in.			
long, galvanized	cavities. If used, the	ос			
steel nails having	vapor retarder must				
a 0.3 in. head and	face the interior				
0.1 in. shaft,	side of the wall.				
spaced at 8 in. oc;	Insulation secured				
joints and nail	to studs with No.				
heads must be	24 GA staples, with				
treated ²	3/8 in. legs by				
	0.422 in. crowns,				
	spaced 12 in. oc				

Note 1: Axial loads applied to the wall assembly must be limited by the lesser of the following:

- 1,100 pounds per 2 x 4 stud; 3,000 pounds per 2 x 6 stud
- For 2 x 4 construction, a maximum of 54 percent of the load calculated in accordance with Sections 3.6 and 3.7 of the NDS
- For 2 x 6 construction, a maximum of 44.7 percent of the load calculated in accordance with Sections 3.6 and 3.7 of the NDS
- Design stress of 0. 78 F'c calculated in accordance with Sections 3.6 and 3. 7 of the NDS
- Design stress of 0.78 F'c at a maximum slenderness ratio (le/d) of 33 calculated in accordance with Sections 3.6 and 3.7 of the NDS

Note 2: All gypsum board joints must be taped and treated with joint compound in accordance with ASTM C 840. Fastener heads must be treated with joint compound in accordance with ASTM C 840.







TABLE 4 – NFPA 285-COMPLYING ASSEMBLIES – FACADESONE ONE-COAT STUCCO

Interior Finish	Framing ³		Exterior Finish	
interior Finish	Framing	Sheathing	Insulation	Coating
One layer of 1/2 in.	Min. No. 20 GA	15/32 in. OSB, horizontal	EPS Type II (nominal	Min. No. 20 GA, 1 in. wire
gypsum wallboard,	3-5/8 in. steel	or vertical, attached to	1.5 pcf), max. 1 in.	fabric lath, min. 2 in.
vertical, attached	framing spaced max.	framing with No.	thick, vertical joints	overlap, attached using
with No. 8,	16 in. oc; openings	6-1-5/8 in. self-drilling	placed horizontally	No. 8 x 1-5/8 in. wafer-
1-1/4 in. long self-	must be framed	drywall screws 8 in. on	over framing and	head self-drilling screws
drilling drywall	with No. 20 GA steel	the perimeter and 12 in.	staggered one stud	spaced at 7-in. oc.
screws spaced 8 in.	framing; no	in the field; two layers of	cavity, attached to	FACADESONE One-Coat
oc on the	insulation in cavity	a Code-complying water-	sheathing with roofing	Stucco applied min.
perimeter and		resistive barrier applied	nails at 16 in. oc	3/8 in. thickness ²
12 in. oc in the		over sheathing	horizontally and 24 in.	
field ¹			oc vertically; gaps	
			larger than 1/4 in.	
			must be filled with EPS	

¹Gypsum board joints must be taped and treated with joint compound, and fastener heads must be treated with joint compound, in accordance with ASTM C840.





²Windows and openings must be framed with min. No. 20 gage steel framing. See Figure 4.

³Min. 4 pcf mineral fiber insulation must be installed in the wall stud spaces at ceiling and floor levels.



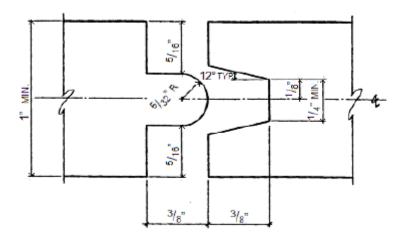


Figure 1 – Tongue and Groove Detail for Insulation Boards







INSTALLATION CARD (Coating system Trade Name) (Name of coating manufacturer)

	Intertek CCRR Report Number
	Date of Job Completion
Plastering Contractor	_
Name:	
Address:	
Telephone No.: ()	
Approved contractor number as issued by the coating manufacturer	
This is to certify that the exterior coating system on the beevaluation report specified above and the manufacturer's in	building exterior at the above address has been installed in accordance with the structions.
Signature of authorized representative	Date
of plastering contractor This installation card must be presented to the building insp	ector after completion of work and before final inspection
,	·
	FIGURE 2
	pany name of report holder) ess and telephone number)
	DECLARATION
Project Address: Date:	
The field batching and mixing of all components of the exteri	
The field batching and mixing of all components of the exter The field batching and mixing have been found to comply wi	for wall coating at the address noted above have been continuously inspected. th current evaluation report and approved plans.
The field batching and mixing of all components of the exteri The field batching and mixing have been found to comply wi Authorized Inspector's signature	for wall coating at the address noted above have been continuously inspected. th current evaluation report and approved plans.
The field batching and mixing of all components of the exteri The field batching and mixing have been found to comply wi Authorized Inspector's signature Authorized inspector's name (print) Employer's name	for wall coating at the address noted above have been continuously inspected. th current evaluation report and approved plans.
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FIGURE 3







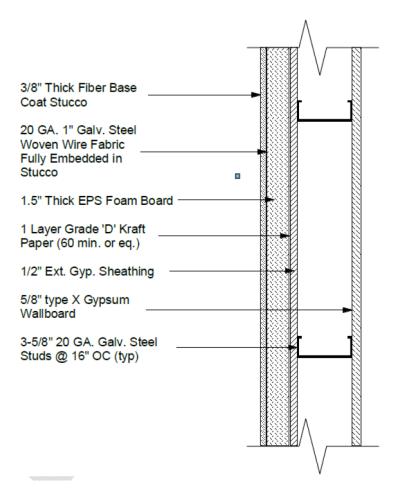


Figure 4 - Typical Construction for NFPA 285 Complying Wall (See Table 4 for details)



