



WESTERN EXTERIOR SYSTEMS

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WES EIFS 24

CSI SECTIONS:

07 24 00—Exterior Insulation and Finish Systems

07 24 19—Water-Drainage Exterior Insulation and Finish System

1.0 RECOGNITION

WES EIFS 24 system described in this report has been evaluated for use as exterior, non-bearing, insulation and wall finishes in compliance with 2018 IBC Section 1407 and 2015, 2012, and 2009 IBC Section 1408 and IRC Section R703.9 over exterior walls. The EIFS 24 system has been evaluated for structural strength, weather resistance, water-resistance, water drainage, surface-burning characteristics, ignition resistance, noncombustible construction, fire-resistance-rated construction and use in Types I, II, III, IV and V construction, as applicable. The WES EIFS 24 system described in this report was evaluated for compliance with the following codes and regulations:

- 2018, 2015, 2012 and 2009 International Building Code® (IBC)
- 2018, 2015, 2012 and 2009 International Residential Code® (IRC)
- 2017 Florida Building Code, Building (FBC, Building) – Supplement attached
- 2017 Florida Building Code, Residential (FBC, Residential) – Supplement attached

2.0 LIMITATIONS

Use of the WES EIFS 24 system recognized in this report is subject to the following limitations:

2.1 “Foam plastic shall be separated from the interior of a building by an approved thermal barrier” in accordance with IBC Section 2603.4 or IRC Section R316.4, as applicable.

2.2 Installation shall be by applicators acceptable to Western Exterior Systems.

2.3 “The clearance between foam plastic installed above grade and exposed earth shall be not less than 6 inches (152 mm)” in accordance with 2018 and 2015 IBC Section 2603.8, 2012 IBC Section 2603.9, 2009 IBC Section 2603.8, and IRC Section R318.4, as applicable.

2.4 Exterior use of the WES EIFS 24 system shall conform to Section 3.0 of this report.

2.5 Special inspection of the water-resistive barrier coating complying with ASTM E2570 installed over sheathing substrate shall be provided in accordance with 2018 IBC Sections 1407.6 and 1705.16.1, 2015 IBC Sections 1408.6 and 1705.16.1, or 2012 IBC Section 1705.15.1 or 2009 IBC Section 1704.14.1, as applicable.

2.5.1 Special inspection shall be required for the WES EIFS 24 system in accordance with 2018 and 2015 IBC Sections 1704.2 and 1705.16, 2012 IBC Sections 1704.2 and 1705.15, or 2009 IBC Section 1704.1 and 1704.14 unless meeting Exception 1 for application of a water-resistive barrier over drainage or Exception 2 for installation over masonry or concrete walls in 2018 and 2015 IBC Section 1705.16, 2012 IBC Section 1705.15, or 2009 IBC Section 1704.14, as applicable.

2.6 WES EIFS 24 is manufactured in Woodlake, California.

3.0 PRODUCT USE

3.1 WES EIFS 24 System: The WES EIFS 24 system is used on the exterior walls of buildings of framed construction under the IRC and Type V Group R1, R2, R3 and R4 Occupancies under the IBC, and in Type I, II, III, or IV construction under the IBC when installed in accordance with Section 3.10 of this report. The system provides drainage of incidental water entering the system in accordance with 2018 IBC Section 1407.4.1 and 2015, 2012, and 2009 IBC Section 1408.4.1; and IRC Section R703.9.

Exception: WES EIFS 24 system is recognized for use on concrete or masonry walls of buildings of Type V construction.

3.2 General Installation Requirements

3.2.1 WES EIFS 24 system shall be installed in accordance with this report; the manufacturer’s published installation instructions, specifications, applicable technical bulletins, and details; and applicable sections of the IBC or IRC. In the event of a conflict between the manufacturer’s installation instructions and this report, the more restrictive governs.

3.2.2 Installation shall be by applicators recognized by the applicant (Western Exterior Systems) as being trained to perform such installations. A list of the names and addresses of recognized contractors shall be maintained by the applicant, and shall be available to the building official upon request. [AC235].

The product described in this Uniform Evaluation Service (UES) Report has been evaluated as an alternative material, design or method of construction in order to satisfy and comply with the intent of the provision of the code, as noted in this report, and for at least equivalence to that prescribed in the code in quality, strength, effectiveness, fire resistance, durability and safety, as applicable, in accordance with IBC Section 104.11.

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3.2.3 “The underlying structural framing and substrate shall be designed and constructed to resist loads as required by Chapter 16” of the IBC, in accordance with Section 1407.3 of the 2018 IBC and Section 1408.3 of the 2015, 2012 and 2009 IBC.

3.2.4 Expansion joints shall be required in the EIFS 24 system where the substrate material changes, at floor lines in wood-frame construction in which lumber shrinkage will occur, where the EIFS abuts another material, and where structural movement is anticipated. “When the EIFS is placed over platform-frame construction with dimensional lumber, control joints are required at each floor level.” [AC235] Control joints shall be installed as specified by the designer or registered design professional.

3.2.5 An approved sealant, described in Section 4.2.2.2 of this report, shall be applied at EIFS terminations, exposed joints, floor lines of wood-frame construction, changes in building shape or roof line, substrate changes, and expansion joints. The sealant shall be bonded to the base coat, not to the finish coat. All edges of the system, except at drainage track locations, where usage is limited to the base of the system at finished grade level when installed in noncombustible construction shall be back-wrapped or edge-wrapped. The details of sealant installation, including width and thickness of the sealant, shall be designed by a design professional.

3.2.6 Maximum allowable deflection of structural wall components shall be specified and shall be limited to a maximum (1/240) of span, except where more restrictive requirements prevail.

3.2.7 Substrates shall be structurally sound, clean, dry, and smooth, with all dust and deleterious material removed. There shall be no planar irregularities exceeding ¼ inch (6.3 mm) in a 10-foot (3.04 m) radius.

3.2.8 All exposed edges of the insulation board shall be wrapped with the reinforcing fabric and embedded in the base coat.

3.2.9 Corrosion-resistant flashing shall be provided as part of the WES EIFS 24 system and shall be in accordance with 2018 IBC Section 1404.4; 2015, 2012 and 2009 IBC Section 1405.4 or IRC Section R703.4.

3.3 Installation of WES EIFS 24

3.3.1 The WES EIFS 24 System consists generally of a liquid applied water resistive barrier, drainage strip or drainage track, cementitious adhesive applied with vertical notch trowel, insulation board, base coat, reinforcing mesh, primer, and finish coat. See Table 2 of this report for system components.

3.3.2 The drainage mechanism shall be installed consisting of the application of the adhesive, as described in Section 3.5 of this report, in a vertical notched trowel configuration between the water-resistive barrier and the back of the EPS insulation board.

3.3.3 The base coat, reinforcing mesh, and the finish coat shall be installed in accordance with Sections 3.6, 3.7 and 3.8 of this report.

3.4 Application of WES EIFS 24

3.4.1 The Weather Guard material is mixed using a ‘Twister’ paddle or equivalent mixing blade powered by a ½-inch (12.7 mm) drill at 450 to 500 rpm. The Weather Guard material shall be applied in an even, continuous coat, maintaining a wet film thickness of approximately 20 mils. Oriented Strand Board and other porous substrates require two coats of Weather Guard material.

3.4.2 Prior to applying Weather Guard over the entire wall, all fasteners shall be spotted and all joints shall be prepared with Grid Tape, except for concrete and masonry substrates, and followed by application of Weather Guard texture. Refer to the WES EIFS 24 application instructions for the appropriate product to be used on the various substrates. Upon completion of the Weather Guard water resistive barrier, apply Weather Flash in accordance with the WES EIFS 24 application instructions.

3.4.3 Foam plastic insulation boards shall be adhered to the approved substrate with BPS 24 cementitious adhesive using a notched trowel applied such that vertical drainage channels are formed between the insulation boards and the substrate, as described in Section 3.5.1 of this report. The ribbon and dab method of adhering the insulation boards to the substrate is not permitted.

3.4.4 The base coat, reinforcing mesh, and the finish coat shall be installed in accordance with Sections 3.6, 3.7 and 3.8 of this report.

3.5 Adhered Insulation Board Installation

3.5.1 Add 6 to 7 quarts (5.7 to 6.6 L) of clean potable water into a clean plastic container. Add the BPS 24 material slowly while constantly mixing with a “Twister” paddle or equivalent mixing blade, powered by a ½ inch (12.7 mm) drill, at 500 to 1200 rpm. Thoroughly mix until uniformly wetted, adjusting consistency with a small amount of water or BPS 24 material. Allow the material to set for 10 minutes then re-temper, adding a small amount of water if necessary. Material shall be free of lumps before using. The adhesive is applied directly to the back of the insulation board using a notched trowel with ¾-inch (9.5 mm) wide by ½-inch (12.7 mm) deep with notches spaced 1½ inches (38 mm) apart.



3.5.2 The prepared insulation board is immediately placed on the substrate. All edges of the insulation board shall be abutted tightly, and no mixture shall enter the board joints. The mixture shall not form a skin prior to placing the insulation board on the substrate.

3.6 Base Coat and Mesh Application

All imperfections in the insulation board shall be rasped flush and any gaps in the insulation board shall be filled with slivers of insulation. The BPS 24 cementitious adhesive/basecoat mixture is applied over the entire surface of the insulation board in a thickness greater than that of the reinforcing fabric being used (approximately $\frac{3}{32}$ -inch (2.4 mm) for standard mesh). The reinforcing fabric is immediately embedded into the wet mixture and smoothed from the center to the edge to avoid wrinkles. The reinforcing fabric shall be continuous at all corners and lapped or abutted in accordance with WES EIFS 24 specifications. The color of the mesh shall not be visible, but a slight mesh pattern may be visible. The mixture shall cure a minimum of 24 hours or until dry before application of the PAF Primer.

3.7 Premium Acrylic Finish (PAF) Primer

The base coat surface shall be coated with PAF Primer and cured a minimum of 24 hours or until dry before application of the WES EIFS 24 Finish.

3.8 Premium Acrylic Finish (PAF) Coat Application

PAF Specialty Finish is mixed using a ‘Twister’ paddle or equivalent mixing blade powered by a $\frac{1}{2}$ -inch (12.7 mm) drill at 400 to 500 rpm. A small amount of clean potable water may be added to the mixture to adjust workability. A uniform thickness of approximately $\frac{1}{16}$ -inch (1.6 mm) of PAF Specialty Finish is applied using a stainless-steel trowel. The finish coat shall be spread evenly and then scraped down to a thickness no greater than the largest aggregate in the material. The finish coat shall be immediately floated using a plastic float to the desired texture.

3.9 Wind Resistant EIFS Assemblies

Table 1 of this report presents allowable wind load resistance pressures (psf) for the WES EIFS 24 system described in this report.

3.10 Types I, II, III, and IV Construction

3.10.1 Steel Studs: Wall studs shall be C-shaped steel studs, minimum No. 20 gage [0.033-inch (0.838 mm) base-metal thickness], $3\frac{5}{8}$ inches (92 mm) in depth, complying with the applicable provisions of the IBC or IRC. Stud spacing is maximum 16 inches (406 mm) on center. No insulation shall be installed in the stud cavity.

3.10.1.1 The interior surface of the exterior wall shall consist of one layer of $\frac{5}{8}$ -inch-thick (15.9 mm), Type X gypsum wallboard (ASTM C1396), installed horizontally with $1\frac{1}{4}$ -inch-long (31.8 mm) No. 6 drywall screws spaced 8 inches (203 mm) on center at edges and 12 inches (305 mm) on center in the field.

3.10.1.2 Wall openings shall be framed with minimum 0.0428-inch-thick (1.09 mm) aluminum or steel framing.

3.10.1.3 The exterior surface shall be one layer of minimum $\frac{1}{2}$ -inch-thick (12.7 mm), Type X water-resistant core gypsum sheathing (ASTM C1396) attached horizontally to the steel studs with $1\frac{1}{4}$ -inch-long (31.8 mm) No. 6 Type S screws spaced 8 inches (203 mm) on center along all studs.

3.10.1.4 Maximum 13-inches-thick (330 mm) foam plastic insulation boards are applied as described in this report. The combustible content of the foam plastic insulation shall not exceed an average potential heat content of 6,000 Btu (68.2 MJ/m²) in every 20-square-foot wall area. The base coat, reinforcing mesh, and finish coat are applied as noted in this report.

3.10.1.5 Fire-stopping material, consisting of mineral wool safing, shall be “installed in such a manner as to be securely retained in place (2018, 2015 and 2012 IBC Section 718.2.1 and 2009 IBC Section 717.2.1)” at floor/wall interfaces. Minimum density of the fire-stopping material shall be 4 pcf (64.1 kg/m³).

3.10.2 Wood Studs: Wall studs shall be fire-retardant treated wood studs complying with IBC Section 2303.2. Studs shall be minimum nominal 2x4, spaced a maximum of 24 inches (610 mm) on center. No insulation shall be installed in the stud cavity.

3.10.2.1 The interior surface of the exterior wall shall consist of one layer of $\frac{5}{8}$ -inch-thick (15.9 mm), Type X gypsum wallboard (ASTM C1396), installed horizontally with minimum No.8 corrosion-resistant steel, Type W, bugle-head drywall screws spaced 8 inches (203 mm) on center at edges and 12 inches (305 mm) on center in the field.

3.10.2.2 Wall openings shall be framed with minimum 0.0428-inch-thick (1.09 mm) aluminum or steel framing.

3.10.2.3 The exterior surface shall be one layer of minimum $\frac{1}{2}$ -inch-thick (12.7 mm), glass mat gypsum sheathing (ASTM C1177) attached horizontally to the steel studs with minimum $1\frac{5}{8}$ -inch-long (41.3 mm), No. 8 corrosion-resistant steel, Type W, bugle-head drywall screws spaced 8 inches (203 mm) on center at edges and 12 inches (305 mm) on center in the field.

3.10.2.4 Maximum 4-inches-thick (102 mm) foam plastic insulation boards are applied as described in this report. The



combustible content of the foam plastic insulation shall not exceed an average potential heat content of 6,000 Btu (68.2 MJ/m²) in every 20-square-foot wall area. The base coat, reinforcing mesh, and finish coat are applied as described in this report.

3.10.2.5 Fire-stopping material, consisting of mineral wool safing, shall be installed in such a manner as to be securely retained in place, in accordance with IBC Section 718.2.1, at floor/wall interfaces. Minimum density of the fire-stopping material shall be 4 pcf (64.1 kg/m³).

3.11 Fire-resistance-rated Construction Assemblies

The WES EIFS 24 system may be attached to the exterior surface of Type V combustible fire-resistance-rated assemblies described in Table 721.1(2) of the 2018, 2015 or 2012 IBC or Table 720.1(2) of the 2009 IBC, as applicable, without changing the assigned hourly rating of the assembly. The exterior wall shall have a minimum 10-foot (3048 mm) separation distance from adjacent construction.

3.11.1 One-hour Nonloadbearing Fire-resistance-rated Assembly:

3.11.2 Steel Studs: Wall studs shall be C-shaped steel studs, minimum No. 25 gage, 3⁵/₈ inches (92 mm) in depth, complying with the applicable provisions of the IBC or IRC. Stud spacing is maximum 24 inches (610 mm) on center. No insulation shall be installed in the stud cavity.

3.11.2.1 The interior surface of the wall shall consist of one layer of minimum ⁵/₈-inch-thick (15.9 mm), Type X gypsum wallboard (ASTM C1396), installed with 1-inch-long (25.4 mm) No. 8 Type S drywall screws spaced 8 inches (203 mm) on center at edges and 12 inches (305 mm) on center in the field.

3.11.2.2 The exterior surface shall be one layer of minimum ⁵/₈-inch-thick (15.9 mm), Type X gypsum wallboard (ASTM C1396) attached to the steel studs with 1-inch-long (25.4 mm) No. 8 Type S screws spaced 8 inches (203 mm) on center at edges and 12 inches (305 mm) on center in the field.

3.11.2.3 Maximum 4-inches-thick (102 mm) foam plastic insulation boards shall be applied as described in this report. The base coat, reinforcing mesh, and finish coat shall be applied as described in this report.

3.12 Two-hour Loadbearing Fire-resistance-rated Assembly 2:

3.12.1 Wood Studs: Wall studs shall be minimum nominal 2x4 spaced a maximum 16 inches (406 mm) on center. The design stress shall be reduced to 78 percent of the adjusted F_c and have a slenderness ration of l_e/d of 33.

3.12.2 The interior surface of the wall shall consist of two layers of minimum ⁵/₈-inch-thick (15.9 mm), Type X gypsum wallboard (ASTM C1396), installed with No. 8 Type W bugle-head screws spaced 8 inches (203 mm) on center at edges and 12 inches (305 mm) on center in the field. The first layer of wallboard shall be fastened with 2-inch long screws. The second layer of wallboard shall be fastened with 2½-inch long screws.

3.12.2.1 The exterior surface shall consist of two layers of minimum ⁵/₈-inch-thick (15.9 mm), Type X gypsum wallboard (ASTM C1396) attached to the steel studs with No. 8 Type W bugle-head screws spaced 8 inches (203 mm) on edges and 12 inches (305 mm) on center in the field. The first layer of wallboard shall be fastened with 2-inch long screws. The second layer of wallboard shall be fastened with 2½-inch (63.5 mm) long screws.

3.12.2.2 Maximum 4-inches-thick (102 mm) foam plastic insulation boards are applied as described in this report. The base coat, reinforcing mesh, and finish coat shall be applied as described in this report.

4.0 PRODUCT DESCRIPTION

4.1 General

The WES EIFS 24 system is field-installed on substrates of masonry, concrete, cement plaster, exterior grade gypsum sheathing, and wood-based sheathing, or approved exterior fiber-reinforced cement or calcium silicate boards. The components of the system are a liquid applied water-resistive barrier, drainage strip or drainage track (limited at base of wall only for noncombustible construction), adhesive applied with vertical drainage grooves, insulation board, base coat, reinforcing mesh, primer, and finish coat.

4.2 Materials

4.2.1 Substrates

4.2.1.1 Wood Structural I panel sheathing shall be Exterior or Exposure 1 grade plywood complying with US DOC PS-1 or Exposure 1 oriented strand board (OSB) complying with US DOC PS-2.

4.2.1.2 Exterior grade gypsum sheathing shall comply with ASTM C1396. Exterior sheathing having a water-resistant core with fiberglass mat facers shall comply with ASTM C1177. Type X exterior grade gypsum sheathing shall comply with ASTM C1396.

4.2.1.3 Substrates consisting of unglazed brick, unpainted brick, cement plaster, concrete or concrete masonry shall comply with the applicable sections of the IBC or the IRC.



4.2.2 Water-resistive Barriers and Weather-protection Components

4.2.2.1 Weather Guard water-resistive coating is a proprietary, pre-mixed, liquid-or-textured applied, noncementitious, polymer-based, water-resistive coating. Wall sheathing joint treatment and transition treatment shall include 4-inch-wide (104 mm) Grid Tape.

4.2.2.2 Exterior sealants used with the WES EIFS 24 system shall be conform to ASTM C920, Type S or M, minimum Grade NS, minimum Class 25, Use O. Sealant backer rods shall be of closed cell material.

4.2.2.3 Corrosion-resistant flashing shall be provided as part of the WES EIFS 24 system and shall be in accordance with 2018 IBC Section 1404.4; 2015, 2012 and 2009 IBC Section 1405.4 or IRC Section R703.4.

4.2.2.4 Drainage tracks shall be provided as part of the WES EIFS 24 system described in this report. The drainage track shall be polyvinyl chloride (PVC) with weep holes.

4.2.3 Foam Plastic Insulation

4.2.3.1 Expanded polystyrene (EPS) foam plastic insulation board shall comply with ASTM C578, Type I and ASTM E2430 and shall demonstrate a flame spread index of 25 or less and a smoke-developed index of 450 or less when tested in accordance with ASTM E84 or UL723.

4.2.3.2 The EPS insulation boards shall be produced by a manufacturer who participates in an approved third-party quality assurance program and shall be labeled in accordance with IBC Section 2603.2 or IRC Section R316.2. When installed on buildings of Type I, II, III, or IV construction, the EPS foam plastic insulation shall be labeled in accordance with IBC Section 2603.5.6.

4.2.4 Adhesive and/or Basecoat

BPS 24 Adhesive and WES EIFS 24 Basecoat are dry mix that requires the addition of water to create a creamy consistency. Application and storage temperatures are from 40°F (5°C) to 110°F (43°C).

4.2.5 Reinforcing Mesh

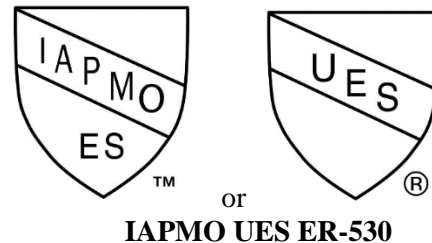
WES EIFS 24 Mesh is an open-weave, glass-fiber mesh, complying with ASTM E2098, with an AR (Alkali Resistive) coating. Rolls of mesh shall not be stored on end or in direct sunlight. The standard reinforcing mesh has a nominal weight of 4.3 oz/yd² (0.052 kg/m²) and comes in rolls that are 48-inches (1.219 m) wide by 150-feet (45.72 m) long. Heavier weight mesh is also available and permitted.

4.2.6 Finish Coat

PAF Specialty finishes are acrylic-based materials with polymers and are available in various colors and textures. The finish coat material is supplied in 5-gallon (18.9 L) pails. Application and storage temperatures are from 40°F (5°C) to 110°F (43°C).

5.0 IDENTIFICATION

Packaging and identification of the WES EIFS 24 products recognized in this report shall include “the name (WES EIFS 24) and address of the manufacturer; identification of components, lot or batch number, quantity of material in the packaged mix, storage instructions, pot life, expiration date (when applicable), the name of the accredited inspection agency (when applicable)” in accordance with ASTM E2568, and the IAPMO UES evaluation report number and/or mark of conformity. Either Mark of Conformity may be used as shown below:



6.0 SUBSTANTIATING DATA

Test results from laboratories in compliance with ISO/IEC 17025 and data in accordance with the applicable portions of the following:

6.1 ASTM E2568-Standard Specification for PB Exterior Insulation and Finish Systems.

6.2 ASTM E2570-Standard Test Methods for Evaluation Water-Resistive Barrier (WRB) Coatings Used under Exterior Insulation and Finish Systems (EIFS) or EIFS with Drainage.

6.3 ASTM E2273-Standard Test Method for Determining the Drainage Efficiency of Exterior Insulation and Finish Systems (EIFS) Clad Wall Assemblies.

6.4 NFPA 285-Standard Fire Test Method for the Evaluation of Fire Propagation Characteristics of Exterior Nonload-bearing Wall Assemblies Containing Combustible Components. (UBC Standard 26-9)

6.5 ICC-ES Acceptance Criteria for EIFS Clad Drainage Wall Assemblies (AC235), January 2015.



6.6 ICC-ES Acceptance Criteria for Water-resistive Coatings Used as Water-resistive Barriers over Exterior Sheathing (AC212), February 2015.

6.7 ASTM E119-Standard Test Method for Fire Tests of Building Construction and Materials

6.8 Manufacturer's descriptive literature and installation instructions.

7.0 STATEMENT OF RECOGNITION

This evaluation report describes the results of research carried out by IAPMO Uniform Evaluation Service on WES EIFS 24 products to assess their conformance to the codes and standards shown in Section 1.0 of this report and serves as documentation of the product certification. Products are manufactured at the location noted in Section 2.6 of this report under a quality control program with periodic inspection under the surveillance program by IAPMO UES.

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For additional information about this evaluation report please visit www.uniform-es.org or email at info@uniform-es.org



TABLE 1—ALLOWABLE WIND LOAD RESISTANCE (psf) ^{1,2}						
FRAMING		Exterior Sheathing	Fastener Type	Maximum Fastener Spacing (inch)	Positive	Negative
Type	Spacing (inch)					
2x4 Wood (Minimum SG = 0.43)	16	Minimum 1/2" thick substrate complying with Section 4.2.1 of this report	No. 6 self-drilling screws, 1 5/8" long	6	55	45
2x6 Wood (Minimum SG = 0.43)	16	Minimum 5/8" thick glass mat-faced gypsum complying with Section 4.2.1.2 of this report	No. 6 self-drilling screws, 1 3/8" long	8	Per footnote 1	35
	24	Minimum 5/8" thick glass mat-faced gypsum complying with Section 4.2.1.2 of this report	No. 6 self-drilling screws, 1 3/8" long	8	Per footnote 1	26
3 5/8-inch-deep C-studs, No. 18 gage [0.0486 inch (1.234 mm)]	16	Minimum 1/2" thick glass mat-faced gypsum complying with Section 4.2.1.2 of this report	No. 6 self-drilling screws, 1 1/4" long	8	Per footnote 1	37
	16	Minimum 1/2" thick glass mat-faced gypsum complying with Section 4.2.1.2 of this report	No. 6 self-drilling screws, 1 1/4" long	6	Per footnote 1	43
	16	Minimum 1/2" thick glass mat-faced gypsum complying with Section 4.2.1.2 of this report	No. 6 self-drilling screws, 1 1/4" long	4	Per footnote 1	54
	16	Minimum 1/2" thick substrate complying with Section 4.2.1 of this report	No. 6 self-drilling screws, 1 5/8" long	6	55	40
N/A	N/A	Concrete/Brick/Cement Plaster/Concrete Masonry	N/A	N/A	Per footnote 1	70

SI: 1 inch = 25.4 mm, 1 psf = 47.9 Pa.

¹ Limited to the capacity of the framing, sheathing and/or substrate as determined in accordance with the applicable code.

² Foam plastic insulation shall have a minimum thickness of 3/4 inch.

TABLE 2 – WES EIFS 24 SYSTEM COMPONENTS

System	Water Resistive Barrier	Base Coat	Reinforcing Mesh	Finish
WES EIFS 24	Weather Guard (Smooth Textured), or Sprayed	BPS 24 (Cementitious Adhesive)	Standard Reinforcing Mesh, Nominal 4.3 oz/yd ² minimum	All WBP Premium Acrylic Finishes (PAF) & PAFe2 Specialty Products
	Grid Tape			



FLORIDA SUPPLEMENT

WESTERN EXTERIOR SYSTEMS

WES EIFS 24

CSI SECTIONS:

- 07 24 00—Exterior Insulation and Finish Systems
- 07 24 19—Water-Drainage Exterior Insulation and Finish System

1.0 RECOGNITION

WES EIFS 24 System evaluated in IAPMO UES ER-530 is a satisfactory alternative to the cladding systems in the following codes and regulations:

- 2017 Florida Building Code, Building (FBC, Building)
- 2017 Florida Building Code, Residential (FBC, Residential)

2.0 LIMITATIONS

2.1 Flashing shall be installed in such a manner as to prevent moisture from entering the wall or to redirect it to the exterior in accordance with Section 1405.4 of the FBC, Building and Section R703.4 of the FBC, Residential.

2.2 In order to provide for inspection for termite infestation, clearance between exterior wall coverings and final earth grade on the exterior of a building shall not be less than 6 inches (152 mm), in accordance with Section 1403.8 of the FBC, Building or Sections R703.9.1 and R703.9.2 of the FBC, Residential, as applicable.

2.3 Evaluation to the high-velocity hurricane zone (HVHZ) provisions noted in Section 1405.1 of the FBC, Building and Chapter 44 of the FBC, Residential is outside the scope of this report.

2.4 Wind loads for design purposes shall be determined in accordance with Section 1609 of the FBC, Building or Section R301.2.1 of the FBC, Residential, as applicable

2.5 Verification shall be provided that a quality assurance agency audits the manufacturers quality assurance program and audits the production quality of products, in accordance with Section (5)(d) of Florida Rule 61G20-3.008. The quality assurance agency shall be approved by the Commission (or the building official when the report holder does not possess an approval by the Commission).

For additional information about this evaluation report please visit www.uniform-es.org or email at info@uniform-es.org