



ICC-ES Evaluation Report

Reissued December 2022

ESR-4500

This report is subject to renewal December 2023.

DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 24 00—Exterior Insulation and Finish Systems
Section: 07 24 19—Water-Drainage Exterior Insulation and Finish System

REPORT HOLDER:

STO CORP.

ADDITIONAL LISTEES:

- KAPTURE PREFAB
- CENTERLINE PREFAB, LLC
- JERSEY PANEL
- FL CRANE AND SONS INC.

EVALUATION SUBJECT:

STOPANEL™ CLASSIC ci®, STOPANEL™ IMPACT ci®, STOPANEL™ XPS, STOPANEL™ CLASSIC NEXT ci® AND STOPANEL™ BACKUP

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2021, 2018, 2015 and 2012 *International Building Code*® (IBC)
- 2021, 2018, 2015 and 2012 *International Energy Conservation Code*® (IECC)

For evaluation for compliance with codes adopted by Los Angeles Department of Building and Safety (LADBS), see [ESR-4500 LABC Supplement](#).

Properties evaluated:

PROPERTY	IBC Chapter
Exterior insulation and finish systems (EIFS)	14
Fire-resistance-rated construction	7
Weather resistance	14

Special inspections, Types I-IV (noncombustible) construction	17
Structural – transverse wind load resistance	16
Types I-IV (noncombustible) construction	26
Surface burning characteristics	26
Ignition resistance	26

2.0 USES

StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems are prefabricated exterior continuous insulation complying with 2021 and 2018 IBC Section 1407 (2015 and 2012 IBC Section 1408). The systems comply with the requirements of 2021 and 2018 IBC Section 1407.4.1 (2015 and 2012 IBC Section 1408.4.1) as EIFS with drainage. They are also used as air barrier materials in accordance with the 2021, 2018 and 2015 IECC Sections C402.5 and R402.4, and 2012 IECC Sections C402.4 and R402.4.

StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems may be installed in buildings of any construction type under the IBC (Types I through V) when installed in accordance with the applicable sections of Section 4.0.

2.1 StoPanel™ Backup (StoGuard® Applied to Prefabricated Panels):

StoPanel™ Backup may be used in all types of construction. When used in Types I, II, III and IV construction, the wall assemblies must comply with Section 4.5 of this report.

3.0 DESCRIPTION

3.1 System Components:

StoPanel™ Classic ci® Classic, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems consist of a water-resistive barrier, adhesively applied flat insulation board, reinforcing mesh, base coat, and finish coat. See Table 1 for system components.

3.1.1 StoPanel™ Backup:

StoPanel™ Backup must be constructed using StoGuard® Air Barrier and Water-resistive barrier products as evaluated in ESR-1233 and Section 4.0 of this report.

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3.2 Insulation Board:

The insulation boards must be one of the following:

- Expanded polystyrene (EPS) complying with ASTM C578, Type I, and ASTM E2430, produced by a molder with a current ICC-ES evaluation report.
- EPS insulation board produced by a molder who participates in an approved third-party quality-assurance program. EPS must comply with ASTM C578, Type I, and ASTM E2430.
- Sto Insulation Board, EPS complying with ASTM C578, Type I, and ASTM E2430.
- Owens Corning Foamular® CI-C Extruded Polystyrene Type X (for use with the StoTherm® ci® XPS system as noted in Table 1).
- Dow Styrofoam Panel Core Type X recognized in [ESR-2142](#) (for use with the StoTherm® ci® XPS system noted in Table 1).
- BASF Neopor® Rigid Foam Insulation Board (Grade F5300 Plus) (for use with StoTherm® ci® Classic, StoTherm® ci® Premier, StoTherm® ci® Essence, and StoTherm® ci® Lotusan systems as noted in Table 1).

EPS insulation boards must have 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 UL 723.

3.3 Substrates:

Substrates must be one of the following:

- Gypsum sheathing board complying with ASTM C1396 or ASTM C1177. When used as part of a fire-resistance-rated assembly, the gypsum board must be Type X with a minimum thickness of $\frac{5}{8}$ inch (15.9 mm).
- Concrete masonry complying with the code.
- Concrete complying with the code.
- Exterior plaster complying with the code.
- Exterior or Exposure 1 wood structural panels complying with DOC PS-1 or PS-2.

3.4 Sealants:

Sealants must comply with ASTM C920, Type S or M, minimum Grade NS, minimum Class 25 and Use O.

4.0 DESIGN AND INSTALLATION

4.1 General:

StoPanel™ Classic ci®: StoPanel™ Classic ci® system is a prefabricated application by a StoPanel Affiliate (see Section 7.3 of this report for listee details) of the StoTherm® ci® Classic system. Sto materials, as listed in Table 6, must be installed in accordance with the specifications and installation instructions in Section 4.1.1 of ESR-1748. StoPanel™ Classic ci® system must be fabricated in accordance with project specification and StoPanel™ fabricator shop drawings for each project.

- [StoPanel™ Classic ci®](#)
- [Specification](#)

4.1.1 StoPanel™ Impact ci®: StoPanel™ Impact ci® system is a prefabricated application by a StoPanel Affiliate (see Section 7.3 of this report for listee details) of the StoTherm® Impact ci® system. Sto materials, as listed in Table 6, must be installed in accordance with the specifications and installation instructions in Section 4.1.1 of ESR-1748. StoPanel™ Impact ci® system must be

fabricated in accordance with project specification and StoPanel™ fabricator shop drawings for each project.

- [StoPanel™ Classic ci®](#)
- [Specification](#)

4.1.2 StoPanel™ XPS: StoPanel™ XPS system is a prefabricated application by a StoPanel Affiliate (see Section 7.3 of this report for listee details) of the StoTherm® XPS system. Sto materials, as listed in Table 6, must be installed in accordance with the specifications and installation instructions in Section 4.1.1 of ESR-1748. StoPanel™ XPS system must be fabricated in accordance with project specification and StoPanel™ fabricator shop drawings for each project.

- [StoPanel™ XPS](#)
- [Specification](#)

4.1.3 StoPanel™ Classic NEXT ci®: StoPanel™ Classic NEXT ci® system is a prefabricated application by StoPanel Affiliate (see Section 7.3 of this report for listee details) of the StoTherm® ci® system which also incorporates the Sto Wedge drainage detail. Sto materials, as listed in Table 6, must be installed in accordance with the specifications and installation instructions in Section 4.1.1. StoPanel™ Classic NEXT ci® system must be fabricated in accordance with project specification and StoPanel™ fabricator shop drawings for each project.

- [StoPanel™ Classic NEXT ci®](#)
- [Specification](#)

4.1.4 StoPanel Backup:

StoPanel Backup is a prefabricated wall panel assembly consisting of code compliant framing and sheathing to which StoGuard air barrier and water resistive barrier coating systems have been applied in the StoPanel Affiliate's prefabrication facility. StoGuard air barrier and water resistive barriers must be installed using materials evaluated in ESR-1233 and installed in accordance with project specifications and the StoPanel Affiliate's shop drawings for the project.

4.2 Drainage:

StoPanel™ ci® Classic, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® provides drainage through the application of vertical ribbons of adhesive over the water-resistive barrier coating system identified in Table 1.

Additional installation and compliance information for the StoGuard Gold Coat water-resistive barrier system is provided in [ESR-1233](#) and at www.stocorp.com.

4.3 Wind Design:

Table 3 presents specific StoPanel™ assemblies for which test data has been submitted. Other StoPanel™ assemblies may be considered for approval by local officials, based on testing and/or calculations provided by a qualified design professional.

4.4 Weather Protection:

StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® systems comply with 2021 and 2018 IBC Section 1402.2 (2015 and 2012 IBC Section 1403.2).

4.5 Use in Types I through IV (Noncombustible) Construction:

Table 4 describes the assemblies qualified for use in Types I through IV construction (IBC).

4.6 Fire-resistance-rated Construction:

Table 5 describes the assemblies qualified for use in nonload-bearing fire-resistance-rated construction.

In addition, in Type V construction, any StoPanel™ system listed in this report may be attached to the surface of combustible exterior fire-resistance-rated assemblies described in IBC Table 721.1(2) without changing the assigned hourly rating of the assembly. The exterior wall must have a minimum 10-foot (3048 mm) separation distance from adjacent construction.

4.7 Special Inspection:

For recognition under the IBC, special inspections of the water-resistive barrier must be conducted in accordance with 2021 IBC Section 1705.17, 2018 and 2015 IBC Section 1705.16 (2012 IBC Section 1705.15). Refer to STO Corp. third-party inspection guidelines for verifying field preparation of materials.

5.0 CONDITIONS OF USE

The StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS and StoPanel™ Classic NEXT ci® EIFS systems described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 Installation must comply with this report, the manufacturer's published installation instructions and the applicable code. In the event of a conflict between the manufacturer's instructions and this report, this report governs.
- 5.2 The insulation board must be separated from the building interior by a thermal barrier complying with the applicable code.
- 5.3 Installation must be by applicators listed by Sto Corp. StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS StoPanel™ Classic NEXT ci® must be fabricated by a StoPanel Affiliate (see Section 7.3 of this report for listee details) and installed in accordance with Sto instructions.
- 5.4 Termination of the systems must not be less than 6 inches (152 mm) above finished grade in accordance with 2021, 2018 and 2015 IBC Section 2603.8 (2012 IBC Section 2603.9).

6.0 EVIDENCE SUBMITTED

- 6.1 Data in accordance with ASTM E2568, ASTM E2570 and ASTM E2273.
- 6.2 NFPA 285 and NFPA 268 test data, including engineering analysis.
- 6.3 Data in accordance with ASTM E119, including engineering analysis.
- 6.4 Data in accordance with the ICC-ES Acceptance Criteria for EIFS Clad Drainage Wall Assemblies (AC235), dated January 2015 (editorially revised July 2020).
- 6.5 Data in accordance with the ICC-ES Acceptance Criteria for Foam Plastic Insulation (AC12), dated June 2015 (editorially revised December 2020).
- 6.6 Data in accordance with the ICC-ES Acceptance Criteria for Water-Resistive Coatings Used as Water-Resistive Barriers over Exterior Sheathing (AC212), dated February 2015 (editorially revised July 2020).

7.0 IDENTIFICATION

- 7.1 Each container or package of the coating or reinforcing mesh used as part of the StoPanel™ systems components must be labeled with the manufacturer's name (STO Corp.) and address; the product name; lot or batch number; quantity of material; storage instructions; pot life; expiration date; and the evaluation report number (ESR-4500).

Sto insulation board must be labeled on the edge of each board with the STO Corp. name, the plant identification number, and the evaluation report number (ESR-4500).

Sto Turbostick adhesive must be labeled with the Sto Corporation company name and product name designation.

Other foam plastic insulation must be labeled in accordance with the current ICC-ES evaluation report in which it is recognized, or in accordance with IBC Section 2603.2, as applicable.

StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS StoPanel™ Classic NEXT ci® prefabricated panels are produced by a StoPanel Affiliate (see Section 7.3 of this report for listee details) and shipped with a certificate of compliance that contains the project identification the panels were produced for, dates of panel fabrication and a statement that all components of the panels complies with the applicable requirements of ESR-4500.

- 7.2 The report holder's contact information is the following:

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BUILDING 1400, SUITE 120
ATLANTA, GEORGIA 30331
(404) 346-3666
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- 7.3 The Additional Listees' contact information is the following:

KAPTURE PREFAB
421 WEST ALAMEDA DRIVE
TEMPE, ARIZONA 85282

CENTERLINE PREFAB, LLC
4220 ROGER B CHAFFEE
GRAND RAPIDS, MICHIGAN 49548

JERSEY PANEL
4654 E. LANDIS AVE
VINELAND, NEW JERSEY 08361

FL CRANE AND SONS INC.
5707 GULF TECH DRIVE
OCEAN SPRINGS, MISSISSIPPI 39564

TABLE 1—STOPANEL™ COMPONENTS^{1,2}

SYSTEM	WATER-RESISTIVE BARRIER	ASTM C578 INSULATION BOARD TYPE	ADHESIVES	BASE COATS	FINISH
StoPanel™ Classic ci®	StoGuard Gold Coat Sto AirSeal Sto VaporSeal-R (see ESR-1233)	Type I	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto TurboStick	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto RFP	Stolit Stolit Milano ³ Stolit X ³
StoPanel™ Classic NEXT ci®	StoGuard Gold Coat Sto AirSeal Sto VaporSeal-R (see ESR-1233)	Type I	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto TurboStick	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto RFP	Stolit Stolit Milano ³ Stolit X ³
StoPanel™ Impact ci®	StoGuard Gold Coat Sto AirSeal Sto VaporSeal-R (see ESR-1233)	Type I	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto TurboStick	Sto BTS Plus Sto BTS Silo Sto BTS Xtra Sto RFP	StoSilco Lit
StoPanel™ XPS	Sto Guard Gold Coat Sto AirSeal Sto VaporSeal-R (see ESR-1233)	Type X	Sto TurboStick	Sto BTS Plus Sto BTS Xtra Sto Primer/Adhesive Sto Primer/Adhesive-B	Stolit Stolit Lotusan Stolit Milano Stolit X
StoPanel™ Backup	Sto Guard Gold Coat Sto AirSeal Sto VaporSeal-R (see ESR-1233)	N/A	N/A	N/A	N/A

¹All base coats are reinforced with the appropriate Sto Mesh product listed in Table 2.

²Sto Primer is an optional component of the systems listed above.

³Sto BTS Silo basecoat is not recognized for use with Stolit Milano and Stolit X finish.

TABLE 2—REINFORCING MESH PRODUCTS

PRODUCT NO.	PRODUCT NAME ¹	NOMINAL WEIGHT, oz/yd ² (g/m ²)
80920E	Sto Mesh	4.5 (153)
80919	Sto Detail Mesh	4.2 (142)
80985	Sto 6-oz. (170 g) Mesh	6.0 (170)
80918	Sto Intermediate Mesh	11.0 (373)
80921	Sto Armor Mat	15.0 (509)
80922	Sto Armor Mat XX	20.0 (678)
80921A	Sto Corner Mat	7.6 (258)

¹Other listed mesh products may be used for detail construction or to supplement impact resistance of the EIFS.

TABLE 3—WIND LOAD DESIGN¹

FRAMING MEMBERS ²				SHEATHING			WIND LOAD CAPACITY, psf (Pa)		SYSTEM
Wood, min. size (inches)	Metal		Maximum Spacing (inches)	Type	Thickness (inch)	Maximum Fastener Spacing ³ , (inches)	Neg.	Pos.	
	Min. Depth (inches)	Min. Gage							
--	3½	18	16	Gypsum	½	8	20	35	StoPanel™ (See Table 1)
--	3½	18	16	Gypsum	⅝	8	38	60	StoPanel™ (See Table 1)
--	6	18	16	Gypsum	⅝	6	40	50	StoPanel™ (See Table 1)
--	6	18	16	Gypsum	⅝	6	63	58	StoPanel™ (See Table 1)

For SI: 1 inch = 25.4 mm, 1 psf = 0.0479 kPa.

¹Applicable to all StoTherm® materials listed in Tables 1 and 2.

²Deflection limitation 1/240, designed in accordance with applicable code.

³Fasteners must be No. 6, flathead, corrosion-resistant screws [minimum 0.292-inch (7.4 mm) head diameter].

TABLE 4—ASSEMBLIES FOR USE IN TYPES I THROUGH IV CONSTRUCTION

FRAMING MEMBERS ^{5,8}			INTERIOR SHEATHING ^{1,7} (TYPE X GYPSUM)		EXTERIOR SHEATHING (TYPE X GYPSUM)		MAX. INSULATION BOARD THICKNESS, (inches)	SYSTEM ⁹
Metal		Max. Spacing (inches)	Min. Thickness (inch)	Max. Fastener Spacing (inches)	Min. Thickness (inch)	Max. Fastener Spacing (inches)		
Min. Depth (inches)	Min. Gage							
3 1/2	18	16	1/2	8 at perimeter 12 in field ²	1/2	6 at perimeter 8 in field ³	12	StoPanel™ (See Table 1)
3 1/2	18	16 ⁶	1/2	6 ⁴	5/8	6 at perimeter 8 in field ³	12	StoPanel™ (See Table 1)
6 1/4	20	16	5/8	8 ⁴	5/8	8 ⁴	12	StoPanel™ (See Table 1)
3 1/2	18	16 ⁶	5/8	8 at perimeter 12 in field	5/8	8 at perimeter 12 in field	9	StoPanel™ with Turbo Stick adhesive and Type I EPS (See Table 1)
3 1/2	18	16 ⁶	5/8	8 at perimeter 12 in field	5/8	8 at perimeter 12 in field	6	StoPanel™ XPS with Sto BTS Xtra base coat and Stolit finish StoPanel™ (See Table 1)

For SI: 1 inch = 25.4 mm.

¹All board joints backed by framing.

²Fasteners are minimum No. 8, Type S, corrosion-resistant screws, with sufficient length to penetrate framing a minimum of 3/8 inch (9.5 mm).

³Fasteners are No. 6 drywall screws having sufficient length to penetrate framing a minimum of 3/8 inch (9.5 mm).

⁴Fasteners are No. 6 by 1 1/4-inch-long (31.7 mm), buglehead drywall screws.

⁵Stud cavities at floor levels are blocked with Owens Corning Thermafiber insulation, 4 lb/ft³ (64 kg/m³) density, 4 inches (102 mm) thick and 2 feet (610 mm) wide.

⁶Stud cavities must be filled with R-11 fiberglass insulation.

⁷All joints must be taped and treated with joint compound. Intermediate fastener heads are treated with joint compound in accordance with ASTM C840 or GA216.

⁸Openings must be framed with minimum 0.0428-inch-thick steel framing.

⁹Applicable to StoPanel™ systems listed in Tables 1 and 4, except for StoPanel™ systems using Stolit Milano and Stolit X finish, unless noted otherwise.

TABLE 5—FIRE-RESISTANCE-RATED ASSEMBLIES^{1,2}

FIRE- RESISTANCE RATING (hrs)	FRAMING MEMBERS			INTERIOR SHEATHING			EXTERIOR SHEATHING			MAXIMUM EPS INSULATION BOARD THICKNESS (inches)
	Min. Depth (inches)	Min. Gage	Max. Spacing (inches)	Type	Min. Thickness (inch)	Max. Fastener Spacing (inches)	Type	Min. Thickness (inch)	Max. Fastener Spacing ⁵ (inches)	
1	3 1/2	18	16	Type X gypsum ⁵	5/8	8 o.c. on perimeter 12 o.c. in field ³	Type X gypsum	5/8	6 at perimeter 8 in field ⁴	4
2	3 1/2	18	16	Two layers of Type X gypsum ⁵	5/8	Base layer at 24 o.c. Face layer at 8 o.c. ⁶	Two layers of Type X gypsum	5/8	Base layer at 24 o.c. Face layer at 8 o.c. ⁶	4

For SI: 1 inch = 25.4 mm.

¹Applicable to all StoPanel™ materials listed in Table 1, except to StoPanel™ systems which use the Stolit Milano, Stolit X and Sto Turbo Stick adhesive.

²All board joints must be blocked

³Fasteners are minimum No. 6, 1 1/4-inch-long (32 mm), self-tapping, corrosion-resistant bugle head screws.

⁴Fasteners are No. 6 drywall screws having sufficient length to penetrate framing a minimum of 3/8 inch (9.5 mm).

⁵Interior wallboard joints must be covered with tape and joint compound. Interior fastener heads are covered with joint compound in accordance with ASTM C840 or GA 216.

⁶Fasteners for the base layer of gypsum board are No. 6, 1 1/4-inch-long, self-tapping, corrosion-resistant bugle-head screws. Fasteners for the face layer are 1 7/8-inch-long, self-tapping, corrosion-resistant bugle-head screws.

DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION**Section: 07 24 00—Exterior Insulation and Finish Systems****Section: 07 24 19—Water-Drainage Exterior Insulation and Finish System****REPORT HOLDER:**

STO CORP.

EVALUATION SUBJECT:

STOPANEL™ CLASSIC ci®, STOPANEL™ IMPACT ci®, STOPANEL™ XPS, STOPANEL™ CLASSIC NEXT ci® AND STOPANEL™ BACKUP

1.0 REPORT PURPOSE AND SCOPE**Purpose:**

The purpose of this evaluation report supplement is to indicate that StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS, StoPanel™ Classic NEXT ci® and StoPanel™ Backup systems, described in ICC-ES evaluation report [ESR-4500](#), have also been evaluated for compliance with the codes noted below as adopted by Los Angeles Department of Building and Safety (LADBS).

Applicable code edition:2017 *City of Los Angeles Building Code* (LABC)**2.0 CONCLUSIONS**

The StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS, StoPanel™ Classic NEXT ci® and StoPanel™ Backup systems, described in Sections 2.0 through 7.0 of the evaluation report [ESR-4500](#), comply with LABC Chapters 7, 14 and 26, subject to the conditions of use described in this report.

3.0 CONDITIONS OF USE

The StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS, StoPanel™ Classic NEXT ci® and StoPanel™ Backup systems described in this evaluation report must comply with all the following conditions:

- All applicable sections in the evaluation report [ESR-4500](#).
- The design, installation, conditions of use and labeling of the StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS, StoPanel™ Classic NEXT ci® and StoPanel™ Backup systems are in accordance with the 2015 *International Building Code*®, as applicable, noted in the evaluation report [ESR-4500](#).
- The design, installation and inspection are in accordance with additional requirements of LABC Chapters 16 and 17, as applicable.

This supplement expires concurrently with the evaluation report, reissued December 2022.

DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION**Section: 07 24 00—Exterior Insulation and Finish Systems****Section: 07 24 19—Water-Drainage Exterior Insulation and Finish System****REPORT HOLDER:**

STO CORP.

EVALUATION SUBJECT:**STOPANEL™ CLASSIC ci® , STOPANEL™ IMPACT ci® , STOPANEL™ XPS, STOPANEL™ CLASSIC NEXT ci® AND STOPANEL™ BACKUP****1.0 REPORT PURPOSE AND SCOPE****Purpose:**

The purpose of this evaluation report supplement is to indicate that StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS, StoPanel™ Classic NEXT ci® and StoPanel™ Backup systems, described in ICC-ES evaluation report ESR-4500, has also been evaluated for compliance with the code noted below.

Applicable code edition:2019 *California Building Code*® (CBC)

For evaluation of applicable chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) AKA: California Department of Health Care Access and Information (HCAI) and Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

2.0 CONCLUSIONS**2.1 CBC:**

The StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS, StoPanel™ Classic NEXT ci® and StoPanel™ Backup systems, described in Sections 2.0 through 7.0 of the evaluation report ESR-4500, comply with CBC Chapters 7, 14 and 26, provided the design and installation are in accordance with the 2018 *International Building Code*® (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapters 7, 14, 16, 17 and 26, as applicable.

2.1.1 OSHPD:

The applicable OSHPD Sections of the CBC are beyond the scope of this supplement.

2.1.2 DSA:

The applicable DSA Sections of the CBC are beyond the scope of this supplement.

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STO CORP.

EVALUATION SUBJECT:**STOPANEL™ CLASSIC ci®, STOPANEL™ IMPACT ci®, STOPANEL™ XPS, STOPANEL™ CLASSIC NEXT ci® AND STOPANEL™ BACKUP****1.0 REPORT PURPOSE AND SCOPE****Purpose:**

The purpose of this evaluation report supplement is to indicate that StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS, StoPanel™ Classic NEXT ci® and StoPanel™ Backup systems, described in ICC-ES evaluation report ESR-4500, have also been evaluated for compliance with the code noted below.

Applicable code edition:2017 *Florida Building Code—Building***2.0 CONCLUSIONS**

The StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS, StoPanel™ Classic NEXT ci® and StoPanel™ Backup systems, described in Sections 2.0 through 7.0 of the evaluation report ESR-4500, comply with the *Florida Building Code—Building*, provided the design requirements shall be determined in accordance with the *Florida Building Code—Building*. The installation requirements noted in ICC-ES evaluation report ESR-4500 for the 2015 *International Building Code*® meet the requirements of the *Florida Building Code—Building*, with the following condition:

Installation must meet the requirements of Sections 1403.8 and 2603.8 of the *Florida Building Code—Building*, as applicable.

Use of the StoPanel™ Classic ci®, StoPanel™ Impact ci®, StoPanel™ XPS, StoPanel™ Classic NEXT ci® and StoPanel™ Backup systems for compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code—Building* has not been evaluated and is outside the scope of this evaluation report.

For products falling under Florida Rule 61G20-3, verification that the report holder's quality-assurance program is audited by a quality-assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official, when the report holder does not possess an approval by the Commission).

This supplement expires concurrently with the evaluation report, reissued December 2022.