

ICC-ES Evaluation Report

ESR-5193

Reissued June 2024


This report also contains:

Subject to renewal June 2025

- CHI Supplement
- LABC Supplement
- CBC Supplement
- FBC Supplement

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<p>DIVISION: 09 00 00— Finishes</p> <p>Section: 09 28 15— Magnesium Oxide Backing Panels</p> <p>DIVISION: 06 00 00— WOOD, PLASTICS AND COMPOSITES</p> <p>Section: 06 16 00— Sheathing</p> <p>Section: 06 16 26— Underlayment</p>	<p>REPORT HOLDER:</p> <p>NEXGEN BUILDING PRODUCTS LLC</p>	<p>EVALUATION SUBJECT:</p> <p>MAXTERRA™ 12 MM AND 16 MM THICK MAGNESIUM OXIDE PANEL</p>	
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1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2021, 2018 and 2015 [International Building Code® \(IBC\)](#)
- 2021, 2018 and 2015 [International Residential Code \(IRC\)](#)

For evaluation of compliance with codes adopted by the [Los Angeles Department of Building and Safety \(LADBS\)](#), see [ESR-5193 LABC and LARC Supplement](#).

Properties evaluated:

- Durability
- Structural
- Surface Burning Characteristics
- Non-combustibility

2.0 USES

MAXTERRA™ panels are 12mm (0.472 inch) and 16 mm (0.630 inch) thick magnesium-oxide panels are intended for use as structural wall sheathing (interior or exterior), floor underlayment, interior substrate sheets, and the construction of structural insulated panels (SIPs) in Types I-V construction under the IBC and any construction type under the IRC.

3.0 DESCRIPTION

3.1 General:

MAXTERRA™ panels are magnesium oxide panels reinforced with multiple embedded fiberglass mesh sheets. The panels are available in thicknesses of 12mm (0.472 inch) and 16 mm (0.630 inch) and nominal 4-foot (1.22 m) widths at a nominal length of 8, 10 or 12 feet (2.44 m, 3.05 m, or 3.66 m)

3.2 Surface Burning Characteristics:

MAXTERRA™ panels 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. The panels exhibit a Class A interior finish in accordance with Section 803.1.2 of the 2021 and 2018 IBC (Section 803.1.1 of the 2015 IBC).

3.3 Non-combustibility:

MAXTERRA™ panels are classified as noncombustible building materials in accordance with ASTM E136 and Section 703.3.1 of the 2021 IBC (Section 703.5.1 of the 2018 and 2015 IBC).

4.0 DESIGN AND INSTALLATION

4.1 Design:

4.1.1 Use as Structural Wall Sheathing Panels:

MAXTERRA™ panels may be used as structural sheathing on interior or exterior walls. Use on exterior walls requires the panels to be protected with a water-resistive barrier in accordance with 2021 and 2018 IBC Section 1402.2 (2015 IBC Section 1403.2) and IRC Section R703.2, as applicable. When installed in accordance with Section 4.2.1.1 of this report, the sheathed walls are limited to the allowable uniform transverse wind loads shown in [Table 1](#) and the allowable shear resistance values shown in [Table 2](#). When installed in accordance with Section 4.2.1.2 and [Table 3](#) of this report, the panels may be prescriptively used as intermittent braced wall panels in accordance with the IRC. Use of the sheathing panels for shear resistance is limited to resisting wind loads and seismic loads in seismic design categories A, B, and C using the maximum values of $R = 2.0$, $\Omega_0 = 2.5$, and $C_d = 2.0$.

4.1.2 Use as Floor Underlayment:

MAXTERRA™ panels may be used as floor underlayment on top of a structural subfloor system constructed to meet the applicable building code requirements.

4.1.3 Use as Interior Substrate Sheets:

MAXTERRA™ panels may be used as interior substrate sheets when installed in accordance with Section 4.2.4. The panels are suitable for decoration with paint, wallpaper, resilient flooring, ceramic tile, natural stone or dimensional stone veneers on floors, walls and ceilings in interior dry areas. Panels must be fastened to walls or ceilings as described in Section 4.2.1, and the allowable uniform loads in [Table 1](#) apply.

4.2 Installation:

4.2.1 Exterior Wall Sheathing Applications (General):

MAXTERRA™ magnesium-oxide panels used as exterior wall sheathing must be covered with a code recognized water-resistive barrier, or one that is the subject of a current ICC-ES evaluation report. Exterior wall coverings (siding or wall cladding) must be installed over the water-resistive barrier in accordance with the applicable code and the siding / cladding manufacturer's published installation instructions. All exterior wall coverings must be fastened through the sheathing to the wall framing or blocking. Installation of a vapor retarder in exterior walls must be in accordance with the applicable code requirements.

4.2.1.1 Shear Wall Applications:

MAXTERRA™ sheathing panels must be installed on wood framing members spaced not more than 24 inches (406 mm) on center. Sheathing panels must be installed vertically with the smooth side facing away from the framing. Framing members must be nominal 2 by- sawn lumber with a minimum specific gravity of 0.42. All joints and panel edges must be blocked or backed by framing. The sheathing panels must be attached using 0.113-inch x 2-inch (2.8 mm x 50.8 mm) galvanized ring shank nails with a minimum edge distance of ½-inch (12.7 mm). Fasteners must be spaced as shown in [Table 2](#), with no fasteners placed within 2-inches (50.8 mm) of any corner of the sheathing panels.

4.2.1.2 Prescriptive Wall Bracing:

MAXTERRA™ sheathing panels have been evaluated for use as intermittent braced wall panel construction in accordance with IRC Section R602.10.2 when installed in accordance with [Table 3](#) of this report. The panels have been evaluated as an alternate material to the wood structural panels used in Bracing Method WSP and may be used with the amounts of bracing (lengths) specified in IRC Table R602.10.3(1). The minimum

effective braced wall length must be 48 inches (1219 mm) for wall heights up to 10 feet (3048 mm), 4 feet 5 inches (1346 mm) for walls not exceeding 11 feet (3352 mm) in height, and 4 feet 10 inches (1473 mm) for walls not exceeding 12 feet (3658 mm) in height. For prescriptive bracing under this section, where evaluation is limited to areas where engineered wind design is not required per IRC Section R301.1.1 and in Seismic Design Categories (SDC) A, B, and C. Holes and notches in framing are permitted in accordance with IRC Section R602.6.

4.2.2 Use as Floor Underlayment:

MAXTERRA™ sheathing panels used as floor underlayment must be fully supported by a structural floor system designed to limit the maximum deflection, including live and dead loads to $L/360$ of the span, in accordance with the applicable code. Any flatness or surface quality requirements of the structural floor system must be addressed prior to installation of the MAXTERRA™ underlayment top layer. Installation must be in accordance with the manufacturer's installation instructions and the applicable codes.

4.2.3 Use as Interior Substrate Sheets:

MAXTERRA™ panels used as interior substrate sheets may be decorated with paint, wallpaper, resilient flooring, ceramic tile, natural stone or dimensional stone veneers on floors, walls and ceilings in interior dry areas.

4.2.3.1 Use with Tile, Natural Stone, or Dimensional Stone Veneers:

For tile, natural stone and dimensional stone veneers, only those that are compatible with dry-set Portland cement mortars complying with ANSI A118.1, or latex modified thin set mortars complying with ANSI A118.4 may be used. Prior to setting the covering, all panel joints must be filled with the same mortar used to set the covering. While the mortar is still wet, 2-inch-wide (51 mm), high-strength, coated, alkali resistant, glass fiber reinforcing tape must be embedded into the wet mortar, leveled and allowed to thoroughly dry prior to applying the covering.

4.2.3.2 Use with Paint:

A flush-joint procedure must be used on the panels. Gypsum board joint compounds complying with ASTM C474 and C475 must be troweled into the joints. Paper joint tape must be embedded into the wet joint compound and allowed to thoroughly dry. Additional coatings of joint compound over the joint tape must be applied as needed to acquire the desired level of finish. Fastener heads in the field of the panels must also be covered with joint compound. Once the panels have been finished to the desired level, primer and paint or wallpaper may be applied in accordance with the primer and paint or wallpaper manufacturer's instructions.

4.2.3.3 Use with Resilient Flooring:

Resilient flooring installed on MAXTERRA™ used as underlayment must be installed in accordance with the flooring manufacturer's published installation instructions.

5.0 CONDITIONS OF USE:

The MAXTERRA™ magnesium-oxide panels described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1** MAXTERRA™ magnesium-oxide panels must be installed in accordance with this report and the manufacturer's published installation instructions. In the event of a conflict between this report and the manufacturer's published installation instructions, this report governs.
- 5.2** The support framing must be designed for a maximum allowable assembly deflection of $L/360$ under seismic or wind loads when the panels are used as structural wall sheathing.
- 5.3** MAXTERRA™ magnesium-oxide panels, when installed as a component of shear walls (racking shear), are limited to use under Seismic Design Categories A, B, and C under the IBC and IRC using the maximum values of $R = 2.0$, $\Omega_0 = 2.5$, and $C_d = 2.0$.
- 5.4** Under the 2021 IBC, special inspections must be provided in accordance with 2021 IBC Sections 1704.3 and 1705.12 for sheathing installed in shear walls on buildings in Exposure B locations where the basic design wind speed, V , is 150 mph (67 m/s) or greater and in exposure C and D locations where the basic wind design speed, V , is 140 mph (62.2 m/s) or greater.
- 5.5** Under the 2018 and 2015 IBC, special inspections must be provided in accordance with 2018 and 2015 IBC Sections 1704.3 and 1705.10 for sheathing installed in shear walls on buildings in Exposure B locations where the allowable stress design wind speed, V_{ASD} , is 120 mph (53.6 m/s) or greater and in Exposure C and D locations where the allowable stress wind design speed, V_{ASD} , is 110 mph (49.2 m/s) or greater.

- 5.6 Under the IBC, a statement of special inspections complying with IBC Section 1704.3 shall be provided to the code official [this includes addressing the requirements in IBC Section 1704.3.3 and 2021 IBC Section 1705.12 (2018 and 2015 IBC Section 1705.11), as applicable].
- 5.7 MAXTERRA™ magnesium-oxide panels used as exterior wall sheathing must be covered with a code recognized water-resistive barrier, or one that is the subject of a current ICC-ES evaluation report.
- 5.8 Exterior wall coverings (siding or wall cladding) installed over MAXTERRA™ magnesium-oxide panels installed as exterior wall sheathing must be installed in accordance with the applicable code and the siding / cladding manufacturer's published installation instructions. All exterior wall coverings must be fastened through the sheathing to the wall framing or blocking.
- 5.9 Installation of a vapor retarder in exterior walls must be in accordance with the applicable code requirements.
- 5.10 When MAXTERRA™ magnesium-oxide panels are not installed as prescriptive wall bracing or as an engineered shear wall, the stud walls must be braced to resist shear forces by other materials in accordance with the applicable code.
- 5.11 Compatibility of resilient flooring, primer, paint, and wallpaper / wallpaper adhesive with the panels is outside of the scope of this report.
- 5.12 Shear walls or prescriptive wall bracing constructed with MAXTERRA™ magnesium-oxide panels must not be used to resist forces imposed by concrete or masonry walls.
- 5.13 Use of MAXTERRA™ magnesium-oxide panels in horizontal diaphragms is outside of the scope of this report.
- 5.14 Use of MAXTERRA™ magnesium-oxide panels in roof applications is outside of the scope of this report.
- 5.15 Use of MAXTERRA™ magnesium-oxide panels with metal framing is outside of the scope of this report.
- 5.16 MAXTERRA™ magnesium-oxide panels must not be used to resist wind uplift forces or combined uplift and shear forces.
- 5.17 The use, structural performance, design, compliance for use in Types I-IV construction, and installation requirements of the SIPs panels constructed with MAXTERRA™ panels is outside of the scope of this report.
- 5.18 Fire-resistance rated assemblies utilizing MAXTERRA™ magnesium-oxide panels are covered under ICC-ES Listing ESL-1568.
- 5.19 MAXTERRA™ magnesium-oxide panels are limited to use on interior surfaces as defined in 2021 and 2018 IBC Section 202 (2015 IBC Section 2502). The panels must not be used in wet areas as defined in IBC Section 2509; under the IRC, the panels must not be used in showers.
- 5.20 MAXTERRA™ magnesium-oxide panels are manufactured under a quality-control program with inspections by ICC-ES.

6.0 EVIDENCE SUBMITTED

- 6.1 Data in accordance with the [ICC-ES Acceptance Criteria for Fiber-reinforced Magnesium-oxide-based Sheets \(AC386\)](#), dated October 2023; excluding corrosion resistance.
- 6.2 Data in accordance with the [ICC-ES Acceptance Criteria for Reinforced Cementitious Sheets Used as Wall and Ceiling Sheathing and Floor Underlayment \(AC376\)](#), dated August 2012 (editorially revised January 2021).
- 6.3 Data in accordance with the [ICC-ES Acceptance Criteria for Fiber-Cement Interior Substrate Sheets Used in Wet and Dry Areas \(AC378\)](#), dated August 2012 (editorially revised January 2021).
- 6.4 Data in accordance with the [ICC-ES Acceptance Criteria for Proprietary Sheathing Attached to Wood Light-Frame Wall Constructions Used as Braced Wall Panels Under the IRC \(AC269.1\)](#), dated February 2017 (editorially revised October 2021).
- 6.5 Data in accordance with the [ICC-ES Acceptance Criteria for Proprietary Sheathing Attached to Wood Light-Frame Wall Constructions Used as Shear Walls \(AC269.2\)](#) Dated October 2013 (editorially revised October 2021).
- 6.6 Data in accordance with ASTM E136.

7.0 IDENTIFICATION

- 7.1 The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-5193) along with the name, registered trademark, or registered logo of the report holder must be included in the product label.
- 7.2 The report holder’s contact information is the following:

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TABLE 1 – ALLOWABLE TRANSVERSE WIND LOADS^{1,2,3,4}

NOMINAL PANEL THICKNESS (mm)	MAXIMUM SUPPORT SPACING (in)	FASTENER TYPE	FASTENER ON-CENTER SPACING (Perimeter/Field)	ALLOWABLE WIND LOAD (psf)	
				POSITIVE	NEGATIVE
12 mm	24	0.133-inch x 2-inch galvanized ring shank nails	4/8	47	35
16 mm	24	0.133-inch x 2-inch galvanized ring shank nails	4/8	47	35

For SI 1 inch = 25.4 mm; 1 psf = 47.88 Pa

¹Minimum nominal 2-inch by 4-inch wood studs spaced a maximum of 24 inches on center.

²Fasteners must be located a minimum of ½ inch from panel edges. Fasteners must not be placed within 2 inches of a panel corner.

³All panel edges must be backed by framing or blocking.

⁴Table values assume panels are supported over 2 supports (single span) or 3 supports (two-span) and a deflection limit of L/360.

TABLE 2 – FASTENING REQUIREMENTS AND ALLOWABLE SHEAR CAPACITY FOR MAXTERRA™ MAGNESIUM-OXIDE PANELS USED AS STRUCTURAL SHEATHING FOR WIND OR SEISMIC LOADING UNDER THE IBC AND ENGINEERED DESIGNS UNDER SECTION R301.1.3 OF THE IRC^{1,2,3,4}

NOMINAL PANEL THICKNESS (mm)	FASTENING REQUIREMENTS			WALL HEIGHT (feet)	ALLOWABLE SHEAR CAPACITY (plf)
	Fastener Specifications	Panel Edge Distance (inches)	On-Center Spacing (Perimeter / Field) (Inches)		
12 mm	0.133-inch x 2-inch galvanized ring shank nails	½	4/8	8	237
16 mm	0.133-inch x 2-inch galvanized ring shank nails	½	4/8	8	237
12 mm	0.133-inch x 2-inch galvanized ring shank nails	½	4/8	10 ⁵	195
16 mm	0.133-inch x 2-inch galvanized ring shank nails	½	4/8	10 ⁵	195

For SI 1 inch = 25.4 mm; 1 plf = 14.6 N/m

¹Minimum nominal 2-inch by 4-inch wood studs spaced a maximum of 24 inches on center.

²Fasteners must be located a minimum of ½ inch from panel edges. Fasteners must not be placed within 2 inches of a panel corner.

³All panel edges must be backed by framing or blocking.

⁴Aspect ratio (height:length) must be no greater than 2:1.

⁵Panel sections less than 2 feet wide are not permitted.

TABLE 3 – FASTENING REQUIREMENTS FOR MAXTERRA™ MAGNESIUM-OXIDE PANELS USED FOR WIND OR SEISMIC LOADING UNDER THE IRC (WSP PRESCRIPTIVE METHOD)^{1,2,3}

NOMINAL PANEL THICKNESS (mm)	FASTENING REQUIREMENTS	
	Fastener Specifications	On-Center Spacing (Perimeter / Field) (Inches)
12 mm	0.133-inch x 2-inch galvanized ring shank nails	4/8
16 mm	0.133-inch x 2-inch galvanized ring shank nails	4/8

For **SI** 1 inch = 25.4 mm; 1 psf = 47.88 Pa

¹Minimum nominal 2 inch by 4-inch wood studs spaced a maximum of 24 inches on center.

²Fasteners must be located a minimum of ½ inch from panel edges. Fasteners must not be placed within 2 inches of a panel corner.

³All panel edges must be backed by framing or blocking.

DIVISION: 09 00 00—Finishes
Section: 09 28 15—Magnesium Oxide Backing Panels

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES
Section: 06 16 00—Sheathing
Section: 06 16 26—Underlayment

REPORT HOLDER:

NEXGEN BUILDING PRODUCTS LLC

EVALUATION SUBJECT:

MAXTERRA™ 12 MM AND 16 MM THICK MAGNESIUM OXIDE PANEL

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that MAXTERRA™ 12 mm thick and 16 mm thick magnesium oxide panels, described in ICC-ES evaluation report [ESR-5193](#), have also been evaluated for compliance with the Chicago Construction Codes (Title 14 of the Chicago Municipal Code) as noted below.

Applicable code editions:

- 2019 *Chicago Building Code* (Title 14B)

2.0 CONCLUSIONS

The MAXTERRA™ 12 mm thick and 16 mm thick magnesium oxide panels, described in Sections 2.0 through 7.0 of the evaluation report [ESR-5193](#), comply with Title 14B, and are subject to the conditions of use described in this supplement.

3.0 CONDITIONS OF USE

The MAXTERRA™ 12 mm thick and 16mm thick magnesium oxide panels described in this evaluation report supplement must comply with all of the following conditions:

- The design, installation, conditions of use and identification of the panels are in accordance with the 2018 *International Building Code*® (IBC) provisions noted in the evaluation report [ESR-5193](#).
- IRC provisions related to prescriptive wall bracing under the evaluation report [ESR-5193](#) are not applicable.
- [The design, installation and inspection are in accordance with the additional requirements of Chapters 16 and 17 of Title 14B, as applicable.](#)

This supplement expires concurrently with the evaluation report, dated reissued June 2024.

DIVISION: 09 00 00—Finishes**Section: 09 28 15—Magnesium Oxide Backing Panels****DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES****Section: 06 16 00—Sheathing****Section: 06 16 26—Underlayment****REPORT HOLDER:****NEXGEN BUILDING PRODUCTS LLC****EVALUATION SUBJECT:****MAXTERRA™ 12 MM AND 16 MM THICK MAGNESIUM OXIDE PANELS****1.0 REPORT PURPOSE AND SCOPE****Purpose:**

The purpose of this evaluation report supplement is to indicate that the MAXTERRA™ 12 mm thick and 16 mm thick magnesium oxide panels, described in ICC-ES evaluation report [ESR-5193](#), have also been evaluated for compliance with the codes noted below as adopted by the Los Angeles Department of Building and Safety (LADBS).

Applicable code editions:

- 2023 *City of Los Angeles Building Code* (LABC)
- 2023 *City of Los Angeles Residential Code* (LARC)

2.0 CONCLUSIONS

The MAXTERRA™ 12 mm thick and 16 mm thick magnesium oxide panels, described in Sections 2.0 through 7.0 of the evaluation report [ESR-5193](#), comply with the LABC Chapters 7, 8, 14 and 23 and the LARC Chapters 3, 5, 6 and 7, and are subject to the conditions of use described in this supplement.

3.0 CONDITIONS OF USE

The MAXTERRA™ 12 mm thick and 16 mm thick magnesium oxide panels described in this evaluation report supplement must comply with all of the following conditions:

- All applicable sections in the evaluation report [ESR-5193](#).
- The design, installation, conditions of use and identification are in accordance with the 2021 *International Building Code*® (IBC) or 2021 *International Residential Code*® (IRC) provisions, as applicable, noted in the evaluation report [ESR-5193](#).

This supplement expires concurrently with the evaluation report ESR-5193, reissued June 2024.

DIVISION: 09 00 00—Finishes

Section: 09 28 15—Magnesium Oxide Backing Panels

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES

Section: 06 16 00—Sheathing

Section: 06 16 26—Underlayment

REPORT HOLDER:

NEXGEN BUILDING PRODUCTS LLC

EVALUATION SUBJECT:

MAXTERRA™ 12 MM AND 16 MM THICK MAGNESIUM OXIDE PANELS

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that the MAXTERRA™ 12 mm thick and 16 mm thick magnesium oxide panels, described in ICC-ES evaluation report ESR-5193, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2022 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 the Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

- 2022 California Residential Code (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The MAXTERRA™ 12 mm thick and 16 mm thick magnesium oxide panels, described in Sections 2.0 through 7.0 of the evaluation report ESR-5193, comply with CBC Chapters 6, 7, 8, 14 and 23, provided the design and installation are in accordance with the 2021 *International Building Code*® (IBC) provisions noted in the evaluation report.

2.1.1 OSHPD:

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

2.1.2 DSA:

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

2.2 CRC:

The MAXTERRA™ 12 mm thick and 16 mm thick magnesium oxide panels, described in Sections 2.0 through 7.0 of the evaluation report ESR-5193, comply with CRC Chapters 3, 5, 6, and 7 provided the design and installation are in accordance with the 2021 *International Residential Code*® (IRC) provisions noted in the evaluation report.

This supplement expires concurrently with the evaluation report, reissued June 2024.

DIVISION: 09 00 00—Finishes**Section: 09 28 15—Magnesium Oxide Backing Panels****DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES****Section: 06 16 00—Sheathing****Section: 06 16 26—Underlayment****REPORT HOLDER:**

NEXGEN BUILDING PRODUCTS LLC

EVALUATION SUBJECT:

MAXTERRA™ 12 MM AND 16 MM THICK MAGNESIUM OXIDE PANEL

1.0 REPORT PURPOSE AND SCOPE**Purpose:**

The purpose of this evaluation report supplement is to indicate that MAXTERRA™ 12 mm and 16 mm thick magnesium oxide panels, described in ICC-ES evaluation report ESR-5193, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2023 *Florida Building Code—Building*
- 2023 *Florida Building Code—Residential*

2.0 CONCLUSIONS

The MAXTERRA™ 12 mm thick and 16 mm magnesium oxide panels, described in Sections 2.0 through 7.0 of ICC-ES evaluation report ESR-5193, comply with the 2023 *Florida Building Code—Building* and the 2023 *Florida Building Code—Residential*, as applicable. The design requirements must be determined in accordance with the *Florida Building Code—Building* or the *Florida Building Code—Residential*, as applicable. The installation requirements noted in ICC-ES evaluation report ESR-5193 for the 2021 *International Building Code*® meet the requirements of the *Florida Building Code—Building* or the *Florida Building Code—Residential*, as applicable.

Use of the MAXTERRA™ 12 mm thick and 16 mm thick magnesium oxide panels for compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code—Building* or the *Florida Building Code-Residential* have not been evaluated and is outside the scope of this supplemental 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 June 2024.