

ICC-ES Evaluation Report

ESR-5695

Reissued June 2026

Revised July 2026

This report remains under an active [continuous compliance program](#) through the end of June 2028.

This report also contains:

- [City of LA Supplement](#)
- [CA Supplement](#)
- [FL Supplement w/ HVHZ](#)

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DIVISION: 06 00 00— WOOD, PLASTICS AND COMPOSITES Section: 06 05 23.35— Mass Timber Connectors	REPORT HOLDER: MITEK® INC. 	EVALUATION SUBJECT: MITEK CONCEALED CONNECTORS AND CONCEALED CONNECTOR WOOD SCREWS	
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1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2024, 2021, 2018, 2015 and 2012 [International Building Code® \(IBC\)](#)
- 2024, 2021, 2018, 2015 and 2012 [International Residential Code® \(IRC\)](#)

Property evaluated:

- Structural

2.0 USES

The MiTek Concealed Connectors and Concealed Connector Wood Screws described in this report are used together for connecting wood framing members in accordance with Section 2304.10.4 of the 2024 and 2021 IBC (Section 2304.10.3 of the 2018 and 2015 IBC; Section 2304.9.3 of the 2012 IBC). The connectors and fasteners may also be used in structures regulated under the IRC when an engineered design is submitted to, and approved by, the code official in accordance with IRC Section R301.1.3.

3.0 DESCRIPTION

3.1 CCWS Concealed Connector Wood Screws:

MiTek CCWS Concealed Connector Wood Screws are manufactured using a cold-forming process and are heat-treated. The CCWS screws have a flat wafer head with a six-lobe recess that accepts a T25 bit, a self-drilling tip, and rolled threads spaced 10 threads per inch (0.393 thread per millimeter). MiTek CCWS screws are designed to be used exclusively with MiTek's CJHQ Concealed Joist Hanger and CPBQ Concealed Post Base described in this report and are packaged with the connectors. See [Table 1](#) for specifications and strengths of the CCWS screws and [Figure 1](#) for depictions of the CCWS screws.

3.2 CJHQ Concealed Joist Hanger:

The CJHQ Concealed Joist Hanger is designed as a face mount hanger for connecting wood joists to wood headers or posts. The hanger is cold-formed from No. 12 gage steel and the flanges are prepunched for installation of MiTek CCWS screws into the header or post. The body of the hanger is a knife plate prepunched in a mesh pattern for use with MiTek CCWS screws. See [Table 2](#) and [Figures 2](#) and [3](#) for product dimensions, fastener schedule, allowable loads, and typical installation details.

3.3 CPBQ Concealed Post Base:

The CPBQ Concealed Post Base is designed to secure wood posts to concrete or masonry foundations. The CPBQ consists of a knife plate cold-formed from No. 12 gage steel which is prepunched in a mesh pattern for use with MiTek CCWS screws and has two flanges for anchorage to concrete or masonry foundations. Depending upon the product size, the CPBQ Concealed Post Base may have one or two knife plates. The knife plate is supplied with a stand-off base which is cold-formed from No. 10 gage steel and two rectangular washers which are cold-formed from No. 7 gage steel. The CPBQ post base must be used with two 1/2-inch-diameter anchor bolts. See [Table 3](#) and [Figure 4](#) for product dimensions, fastener schedule, allowable loads, and typical installation details.

3.4 Materials:

3.4.1 Steel: CJHQ joist hangers are formed from ASTM A653 SS Grade 40 steel with a G185 zinc coating. CPBQ post bases are formed from ASTM A653 SS Grade 40 steel and consist of three parts: the knife plate, the stand-off, and two washers. The knife plate and stand-off have a G185 zinc coating complying with ASTM A653. In addition, the stand-off is powder-coated black. The CPBQ washers have a G90 zinc coating complying with ASTM A653. Minimum base metal thicknesses for the different material gages are shown below:

GAGE NO.	MINIMUM BASE METAL THICKNESS (in.)
12	0.099
10	0.129
7	0.171

For SI: 1 inch = 25.4 mm.

3.4.2 Wood: Wood members must be sawn lumber, structural glued laminated timber with a minimum assigned specific gravity, SG_{NDS} , of 0.50, or structural composite lumber (SCL) with a minimum equivalent specific gravity, SG_{eq} , of 0.50, determined in accordance with the ICC-ES evaluation report on the SCL. Minimum reference strength requirements are shown in the footnotes to the tables in this report. Wood members must have a moisture content not exceeding 19 percent (16 percent for structural glued laminated timber and structural composite lumber products), except as noted in Section 4.1. Structural composite lumber must be addressed in, and used in accordance with, a current evaluation report.

3.4.3 Fasteners:

3.4.3.1 MiTek CCWS Concealed Connector Wood Screws: The wood screws used with the CJHQ and CPBQ connectors must be MiTek CCWS Concealed Connector Wood Screws, as described in this section and Section 3.1. The appropriate size of CCWS screws must be used, as indicated in the applicable tables of this report. CCWS screws are manufactured from carbon steel complying with the specifications in the manufacturer's quality documentation and are heat-treated. CCWS screws have a proprietary finish.

3.4.4 Anchor Bolts: At a minimum, anchor bolts must comply with ASTM A307 and must have a minimum bending yield strength of 45,000 psi (310 MPa). Anchor bolt diameters must be as specified in the applicable tables of this report.

3.4.5 Concrete and Masonry Construction: Materials and quality of concrete and masonry construction must comply with the applicable provisions of Chapter 19 and 21 of the IBC. The compressive strength of the concrete and masonry construction must be in accordance with the approved design and with applicable provisions of the building code.

4.0 DESIGN AND INSTALLATION

4.1 Design:

Allowable load capacities tabulated in this report apply exclusively to installation of the CJHQ and CPBQ concealed connectors with CCWS concealed connector wood screws. Design of other connections using CCWS screws and installation of CJHQ and CPBQ connectors with fasteners other than CCWS screws is outside the scope of this report. The tabulated loads are based on allowable stress design (ASD) and include load duration factors, C_D , corresponding with the applicable loads in accordance with Section 11.3.2 of the National Design Specification (NDS) for Wood Construction (Section 10.3.2 of the 2012 NDS for the 2012 IBC). No further increases are permitted for load durations other than those specified.

Tabulated allowable loads apply to connections in wood seasoned to a maximum moisture content of 19 percent (16 percent for engineered wood products) and where sustained temperatures are 100°F (37.8°C) or less. When connectors are installed in wood having a moisture content greater than 19 percent (16 percent for engineered wood products), or where the in-service moisture content is expected to exceed this value, the allowable loads must be adjusted by the applicable wet service factor, C_M , as specified in the NDS.

When connectors are installed in wood that will experience sustained exposure to temperature exceeding 100°F (37.8°C), the allowable loads in this report must be adjusted by the temperature factor, C_t , specified in Section 11.3.4 of the NDS (Section 10.3.4 of the 2012 NDS for the 2012 IBC).

Connected wood members must be analyzed for load-carrying capacity at the connection in accordance with the NDS.

4.2 Installation:

Installation of the connectors must be in accordance with this evaluation report and the manufacturer's published installation instructions.

The CJHQ and CPBQ connectors feature knife plates which are inserted into a slotted wood joist or post. The slots in the wood must have the width and depth specified in the manufacturer's published installation instructions.

CCWS screws must be installed using a low-speed clutch drill with a T25 bit. The screws must be installed perpendicular to the surface of the steel or wood side member. The underside of the screw head must be flush with the steel or the wood member surface, as applicable. Screws must not be overdriven and should be installed using the minimum amount of torque necessary to drive the screw. Installation may be performed without predrilling wood members. Edge distances, end distances, and spacing of the screws must be sufficient to prevent splitting of the wood, or as required elsewhere in this report, whichever is more restrictive.

The CPBQ connector must be anchored to the concrete or masonry construction using the provided washers in accordance with the approved design. CCWS screws must be installed into the designated fastener zones on both sides of the wood member using templates provided with the connector. Within the fastener zone, fasteners must be spaced at least one screw head diameter apart. An equal number of screws must be installed through each face of the wood joist or post, as indicated in the installation instructions.

4.3 Use in Treated Wood:

Connectors and fasteners used in contact with preservative-treated or fire-retardant-treated wood must comply with Section 2304.10.6 of the 2024 and 2021 IBC (Section 2304.10.5 of the 2018 and 2015 IBC; Section 2304.9.5 of the 2012 IBC) and Section R304.3 of the 2024 IRC (Section R317.3 of the 2021, 2018 and 2015 IRC). The lumber treater or the report holder (MiTek), or both, should be contacted for recommendations on the appropriate level of corrosion resistance to specify for the connectors and fasteners as well as the connection capacities of the fasteners used with the specific proprietary preservative-treated or fire-retardant-treated lumber.

4.4 Special Inspection:

4.4.1 Main Windforce-Resisting Systems under the IBC: Periodic special inspection must be conducted for components within the main windforce-resisting system, where required in accordance with Sections 1704.2 and 1705.12 of the 2024 and 2021 IBC (Sections 1704.2 and 1705.11 of the 2018 and 2015 IBC; Sections 1704.2 and 1705.10 of the 2012 IBC) as applicable.

4.4.2 Seismic Force-Resisting Systems under the IBC: Periodic special inspection must be conducted for components within the seismic force-resisting system, where required in accordance with Sections 1704.2 and 1705.13 of the 2024 and 2021 IBC (Sections 1704.2 and 1705.12 of the 2018 and 2015 IBC; Sections 1704.2 and 1705.11 of the 2012 IBC) as applicable.

4.4.3 Installations under the IRC: Special inspections are normally not required for connectors used in structures regulated under the IRC. However, for components and systems requiring an engineered design in accordance with IRC Section R301.1.3, periodic special inspection requirements and exceptions must be in accordance with Sections 4.4.1 and 4.4.2 of this report.

5.0 CONDITIONS OF USE:

The MiTek Concealed Connectors and Concealed Connector Wood Screws 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** The connectors and screws must be manufactured, identified, and installed in accordance with this report and the manufacturer's published installation instructions. A copy of the manufacturer's published installation instructions must be available at the jobsite during installation.
- 5.2** Calculations showing compliance with this report must be submitted to the code official. The calculations must be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed.

- 5.3 Connected wood members, screw fasteners and anchor bolts must comply with Sections 3.4.2, 3.4.3 and 3.4.4, respectively.
- 5.4 Adjustment factors, noted in Section 4.1 of this report and the applicable codes, must be considered where applicable.
- 5.5 Use of connectors and fasteners with preservative-treated or fire-retardant-treated lumber must be in accordance with Section 4.3.
- 5.6 The design of the anchorage to, and bearing upon, concrete or masonry construction, inclusive of cast-in-place and post-installed anchors, used to attach the connectors described in this report to concrete or masonry construction, is outside the scope of this report.
- 5.7 The MiTek Concealed Connectors and Concealed Connector Wood Screws are manufactured under quality control programs with inspections by ICC-ES.

6.0 EVIDENCE SUBMITTED

- 6.1 Data in accordance with the [ICC-ES Acceptance Criteria for Joist Hangers and Similar Devices \(AC13\)](#), approved April 2024.
- 6.2 Data in accordance with the [ICC-ES Acceptance Criteria for Dowel-Type Threaded Fasteners Used in Wood \(AC233\)](#), approved June 2023 (editorially revised June 2024).

7.0 IDENTIFICATION

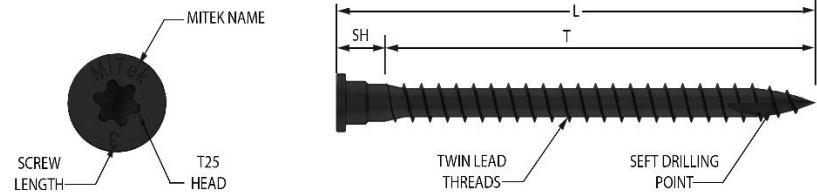
- 7.1 Each connector described in this report is identified by the product model (stock) number, the number of the ICC-ES index evaluation report for MiTek (ESR-2685) and the report holder's name (MiTek).
- 7.2 CCWS screws are packaged with the connectors. Each screw head is marked with the letters "MiTek" and a number designating the screw length.
- 7.3 The report holder's contact information is the following:

MITEK INC.
16023 SWINGLEY RIDGE ROAD
CHESTERFIELD, MISSOURI 63017
(800) 328-5934
www.mitek-us.com

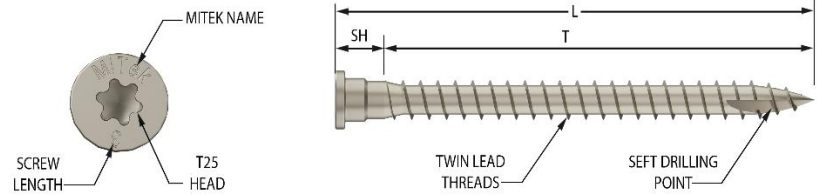
TABLE 1—CCWS CONCEALED CONNECTOR WOOD SCREW SPECIFICATIONS AND STRENGTHS

FASTENER DESIGNATION	HEAD MARKING	SCREW DIMENSIONS (inches)							NOMINAL SPECIFIED BENDING YIELD STRENGTH, $F_{yb,spec}$ (psi)		ALLOWABLE DOUBLE SHEAR STRENGTH (lbf)	
		Screw Length, L	Shank, SH	Thread Length, T	Major Diameter, D	Shank Diameter, D_s	Minor (Root) Diameter, D_r	Head Diameter, D_H			$C_D = 1.0$	$C_D = 1.6$
CCWS3 CCWS45	MITEK3 MITEK45	3 4 1/2	1/4	2 3/4 4 1/4	0.255	0.241	0.185	0.400	180,000	CPBQ44,66,88	420	673
										CJHQ6,8,10	296	474
										CJHQ12	448	717

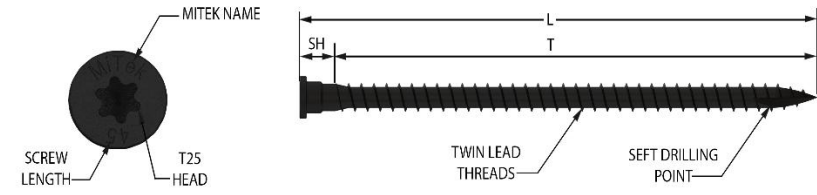
For SI: 1 inch = 25.4 mm; 1 lbf = 4.45 N; 1 psi = 6.89 kPa



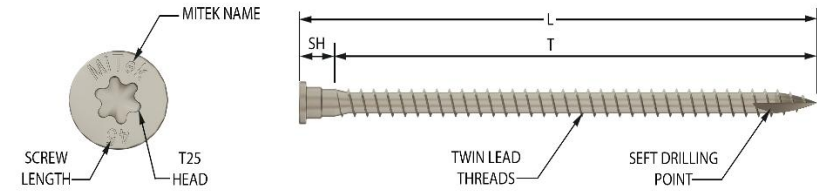
CCWS3-Black Powder Coat



CCWS3-GC Gold Coat



CCWS45-Black Powder Coat



CCWS45-GC Gold Coat

FIGURE 1—CCWS CONCEALED CONNECTOR WOOD SCREWS

TABLE 2—CJHQ CONCEALED JOIST HANGER

STOCK NO.	MIN. NOMINAL JOIST SIZE	HANGER DIMENSIONS			FASTENER SCHEDULE ^{2,5}				ALLOWABLE LOADS (lbf) ^{1,3,4}			
		W (in)	H (in)	D (in)	Header ⁷ or Post ⁸		Joist		Download			Uplift
					Qty	Type	Qty	Type	C _D = 1.0	C _D = 1.15	C _D = 1.25	C _D = 1.60
CJHQ6	4X6	1 ¹³ / ₁₆	5 ⁷ / ₁₆	2 ³ / ₄	6	CCWS3	6	CCWS3	1,775	2,040	2,090	2,090
CJHQ8	4X8	1 ¹³ / ₁₆	6 ⁷ / ₁₆	2 ³ / ₄	8	CCWS3	8	CCWS3	2,370	2,725	2,960	3,040
CJHQ10	4X10	1 ¹³ / ₁₆	8 ⁷ / ₁₆	2 ³ / ₄	10	CCWS3	10	CCWS3	2,960	3,405	3,700	4,415
CJHQ12	4X12	1 ¹³ / ₁₆	9 ⁷ / ₁₆	2 ³ / ₄	12	CCWS3	12	CCWS3	4,750	5,285	5,285	5,285
Double CJHQ6 ⁶	6X8	1 ¹³ / ₁₆	5 ⁷ / ₁₆	2 ³ / ₄	12	CCWS3	10	CCWS3	2,955	2,955	2,955	2,955
Double CJHQ8 ⁶	6X8	1 ¹³ / ₁₆	6 ⁷ / ₁₆	2 ³ / ₄	16	CCWS3	12	CCWS3	3,550	4,085	4,440	4,580
Double CJHQ10 ⁶	6X10	1 ¹³ / ₁₆	8 ⁷ / ₁₆	2 ³ / ₄	20	CCWS3	16	CCWS3	4,735	5,445	5,920	6,025
Double CJHQ12 ⁶	6X12	1 ¹³ / ₁₆	9 ⁷ / ₁₆	2 ³ / ₄	24	CCWS3	18	CCWS3	8,065	8,275	8,275	8,275

For SI: 1 inch = 25.4 mm, 1 lbf = 4.45 N

¹Allowable loads have been adjusted for load duration factors, C_D, as shown, in accordance with the NDS. The allowable loads do not apply to loads of other durations, and must not be adjusted for other load duration factors. See Sections 4.1 and 4.2 for additional design and installation requirements.

²CCWS screws used for CJHQ hangers are described in Section 3.4.3.1 of this report and are packaged with the hangers.

³Allowable loads shown are for installations in wood members complying with Section 3.4.2 and are based on the use of wood members with a reference compression perpendicular to grain design value, F_{c-perp}, of 625 psi or greater.

⁴CJHQ hangers provide torsional resistance, where torsional resistance is defined as a moment not less than 75 pounds (334 N) times the depth of the hanger, at which the lateral movement of the top or bottom of the joist with respect to the vertical position of the joist is 0.125 inch (3.2 mm).

⁵Install CCWS screws into the designated zones on the joist in accordance with the installation template provided with the connector. Screw head surface should be flush with the surface of the wood member.

⁶For Double CJHQ installation, the knife plates must be 1⁵/₈ inch ± 1/₈ inch from the supported wood member vertical face.

⁷Headers must be a minimum of 3 inches thick to ensure that the CCWS3 screws are fully embedded in the wood and must have a depth equal to or greater than that of the joist. The bottom edge of the joist may be flush with the bottom edge of the header.

⁸Posts must be a minimum of 3 inches thick to ensure that the CCWS3 screws are fully embedded in the wood and must have a width equal to or greater than that of the joist. The top edge of the joist may be flush with the top edge of the post.

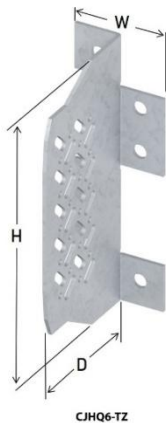


FIGURE 2—CJHQ CONCEALED JOIST HANGER



FIGURE 3—DOUBLE CJHQ INSTALLATION

TABLE 3—CPBQ CONCEALED POST BASE

STOCK NO.	NOMINAL POST SIZE	DIMENSIONS			FASTENER SCHEDULE ^{2,7}				ALLOWABLE LOADS (lbf) ^{1,3,4,5,6}			
		W	L	H	Anchor Bolt		Post		Download	F ₁	F ₂	Uplift
		(in)	(in)	(in)	Qty	Type	Qty	Type	C _D = 1.0	C _D = 1.60	C _D = 1.60	C _D = 1.60
CPBQ44	4X4	3 1/2	3 1/2	6 1/8	2	1/2	4	CCWS3	11,535	1,050	590	1,925
							8	CCWS3	11,535	1,050	710	3,035
CPBQ66	6X6	5 1/2	5 1/2	6 1/8	2	1/2	8	CCWS45	21,950	1,965	1,540	4,130
CPBQ88	8X8	7 1/4	7 1/4	6 1/8	2	1/2	8	CCWS45	24,405	2,155	1,285	3,935

For SI: 1 inch = 25.4 mm, 1 lbf = 4.45 N

¹Allowable loads have been adjusted for load duration factors, C_D, as shown, in accordance with the NDS. The allowable loads do not apply to loads of other durations, and must not be adjusted for other load durations. See Sections 4.1 and 4.2 for additional design and installation requirements.

²CCWS screws used for CPBQ post bases are described in Section 3.4.3.1 of this report and are packaged with the post bases.

³Allowable loads shown are for installations in wood members complying with Section 3.4.2, DFL No. 1 or better. Allowable loads are based on the use of wood members with a reference compression parallel to grain design value, F_c, of 1150 psi for posts nominally 4-inch thick or 1000 psi for posts nominally 5 x 5 inches or larger, and a reference compression perpendicular to grain design value, F_{c-perp}, of 625 psi or better.

⁴The CPBQ device is anchored to the concrete or masonry surface with the specified diameter anchor bolt listed with a cut washer (furnished by others).

⁵Allowable loads shown do not apply to the anchorage to concrete or masonry. Anchorage to concrete or masonry must be designed by a registered design professional in accordance with Section 4.1 of this report.

⁶Allowable downloads may be limited by the post capacity, which must be determined in accordance with the NDS.

⁷Install CCWS screws into the designated zones on the post in accordance with the installation template provided with the connector. For post bases with two knife plates, an equal number of screws must be installed through each knife plate. An equal number of screws must be installed from each side of the post. Screw head surface should be flush with the surface of the wood member.

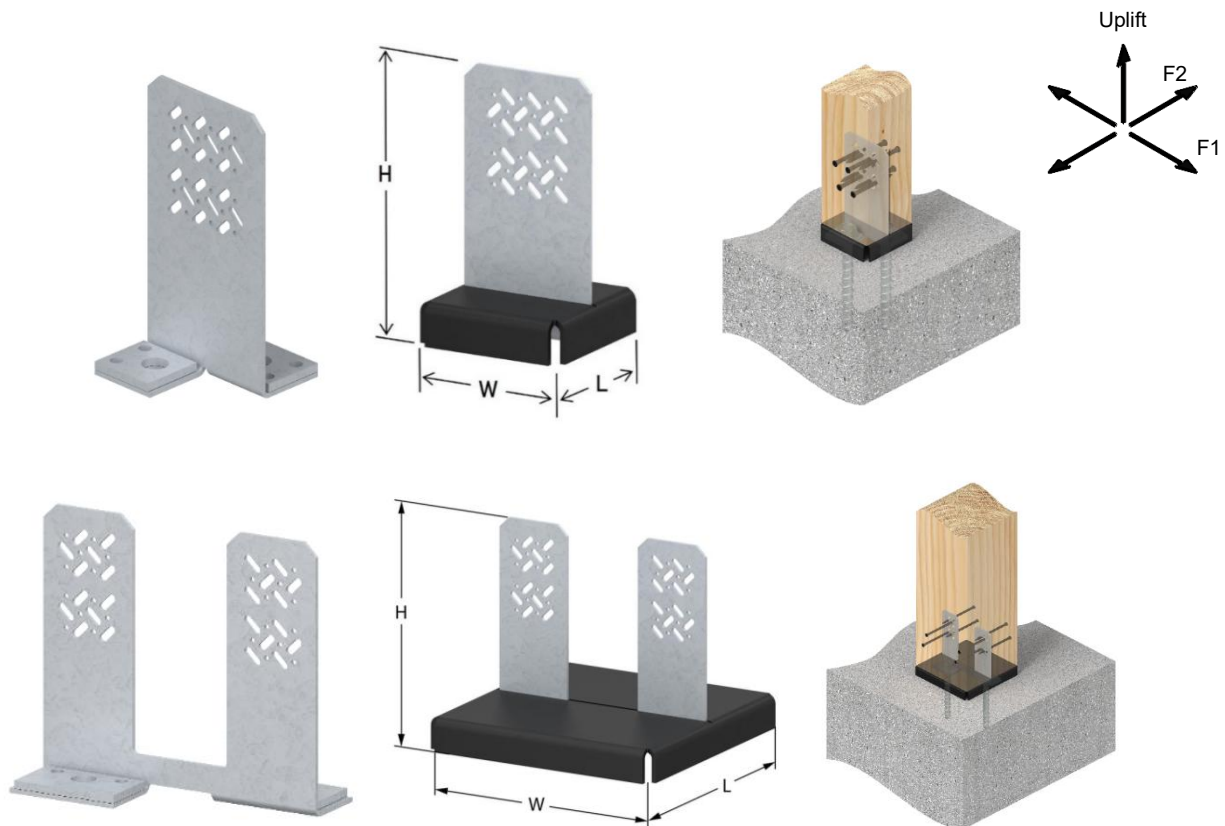


FIGURE 4—CPBQ CONCEALED POST BASE

ICC-ES Evaluation Report

ESR-5695 City of LA Supplement

Reissued June 2026

Revised July 2026

This report remains under an active [continuous compliance program](#) through the end of June 2028.

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DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES

Section: 06 05 23.35—Mass Timber Connectors

REPORT HOLDER:

MITEK INC.

EVALUATION SUBJECT:

MITEK CONCEALED CONNECTORS AND CONCEALED CONNECTOR WOOD SCREWS

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that MiTek Concealed Connectors and Concealed Connector Wood Screws, described in ICC-ES evaluation report [ESR-5695](#), 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:

- 2026 City of Los Angeles Building Code ([LABC](#))
- 2026 City of Los Angeles Residential Code ([LARC](#))

2.0 CONCLUSIONS

The MiTek Concealed Connectors and Concealed Connector Wood Screws, described in Sections 2.0 through 7.0 of the evaluation report [ESR-5695](#), comply with the LABC Chapter 23, and the LARC, and are subject to the conditions of use described in this supplement.

3.0 CONDITIONS OF USE

The MiTek Concealed Connectors and Concealed Connector Wood Screws described in this evaluation report supplement must comply with all of the following conditions:

- All applicable sections in the evaluation report [ESR-5695](#).
- The design, installation, conditions of use and identification of the MiTek Concealed Connectors and Concealed Connector Wood Screws are in accordance with the 2024 *International Building Code*® (IBC) and 2024 *International Residential Code*® (IRC) provisions, as applicable, noted in the evaluation report [ESR-5695](#).
- The design, installation and inspection are in accordance with additional requirements of LABC Chapters 16, 17 and 23, as applicable.
- Under the LARC, an engineered design in accordance with LARC Section R301.1.3 must be submitted.

This supplement expires concurrently with the evaluation report, reissued June 2026 and revised July 2026.

ICC-ES Evaluation Report

ESR-5695 CA Supplement

Reissued June 2026

Revised July 2026

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DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES

Section: 06 05 23.35—Mass Timber Connectors

REPORT HOLDER:

MITEK INC.

EVALUATION SUBJECT:

MITEK CONCEALED CONNECTORS AND CONNECTOR WOOD SCREWS

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that MiTek Concealed Connectors and Concealed Connector Wood Screws, described in ICC-ES evaluation report [ESR-5695](#), have also been evaluated for compliance with the code(s) noted below.

Applicable code edition(s):

- 2025 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.

- 2025 California Residential Code (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The MiTek Concealed Connectors and Concealed Connector Wood Screws, described in Sections 2.0 through 7.0 of the evaluation report [ESR-5695](#), comply with CBC Chapter 23, provided the design and installation are in accordance with the 2024 *International Building Code*® (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapter 16, 17 and 23, as applicable.

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 MiTek Concealed Connectors and Concealed Connector Wood Screws, described in Sections 2.0 through 7.0 of the evaluation report [ESR-5695](#), comply with CRC Chapter 3, provided the design and installation are in accordance with the 2024 *International Residential Code*® (IRC) provisions noted in the evaluation report and the additional requirements of CRC Chapter 3, as applicable.

This supplement expires concurrently with the evaluation report, reissued June 2026 and revised July 2026.

ICC-ES Evaluation Report

ESR-5695 FL Supplement w/HVHZ

Reissued June 2026

Revised July 2026

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DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES

Section: 06 05 23.35—Mass Timber Connectors

REPORT HOLDER:

MITEK INC.

EVALUATION SUBJECT:

MITEK CONCEALED CONNECTORS AND CONCEALED CONNECTOR WOOD SCREWS

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that MiTek Concealed Connectors and Concealed Connector Wood Screws, described in ICC-ES evaluation report [ESR-5695](#), have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2026 and 2023 *Florida Building Code—Building*
- 2026 and 2023 *Florida Building Code—Residential*

2.0 CONCLUSIONS

The MiTek Concealed Connectors and Concealed Connector Wood Screws, described in Sections 2.0 through 7.0 of ICC-ES evaluation report [ESR-5695](#), comply with the *Florida Building Code—Building* and the *Florida Building Code—Residential*. 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-5695](#) for the 2024 and 2021 *International Building Code*® meet the requirements of the *Florida Building Code—Building* or the *Florida Building Code—Residential*, as applicable, with the following condition:

- For use within 3,000 feet of a saltwater coastline under the 2026 *Florida Building Code—Building* or the 2026 *Florida Building Code—Residential*, connectors and associated fasteners must comply with Section 1711 and Table 1711.1 of the 2026 *Florida Building Code—Building* or Section R332 and Table R332.1 of the 2026 *Florida Building Code—Residential*, as applicable.

Use of the MiTek Concealed Connectors and Concealed Connector Wood Screws have also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code—Building* or the *Florida Building Code—Residential* with the following condition:

- a. For connections subject to uplift, the connection must be designed for no less than 700 pounds (3114 N) in accordance with FBC Section 2321.7.

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). Florida Rule 61G20-3 is applicable to products and/or systems which comprise the building envelope and structural frame for compliance with the structural requirements of the Florida Building Code.

This supplement expires concurrently with the evaluation report, reissued June 2026 and revised July 2026.