

# ICC-ES Evaluation Report

ESR-4925

Reissued September 2024


This report also contains:

- LABC Supplement

Subject to renewal September 2025

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<p><b>DIVISION: 07 00 00— THERMAL AND MOISTURE PROTECTION</b></p> <p><b>Section: 07 11 00— Dampproofing</b></p> <p><b>Section: 07 13 00— Sheet Waterproofing</b></p>	<p><b>REPORT HOLDER:</b></p> <p><b>CARLISLE COATINGS AND WATERPROOFING</b></p>	<p><b>EVALUATION SUBJECT:</b></p> <p><b>CCW MIRADRI® 860/861</b></p>	
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## 1.0 EVALUATION SCOPE

**Compliance with the following codes:**

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

**Properties evaluated:**

- Foundation Dampproofing
- Foundation Waterproofing

## 2.0 USES

The CCW MiraDri® 860/861 is a self-adhering dampproofing and waterproofing membrane applied to the exterior of foundation walls of parged and nonparged concrete masonry units or cast-in-place concrete construction. The membranes are alternatives to the dampproofing and waterproofing materials specified in IBC Sections 1805.2 and 1805.3 and IRC Sections R406.1 and R406.2.

## 3.0 DESCRIPTION

CCW MiraDri® 860/861 is a self-adhering composite membrane comprised of a multi-layer, cross-laminated polyethylene film that is coated with a rubberized asphalt adhesive. The CCW MiraDri® 860/861 membrane has a resistance to hydrostatic pressure of 50 psi (345 kPa) over a 1/8-inch-wide crack (3.18 mm) when installed in accordance with Section 4.0 of this report and tested in accordance with ASTM D5385.

The CCW MiraDri® 860/861 membrane has an overall nominal thickness of 60 mils [0.06 inch (1.52 mm)] and is supplied in rolls 67 feet long (20.4 m) and 36 inches wide (914 mm).

## 4.0 INSTALLATION

Installation of the CCW MiraDri® 860/861 membrane described in this report must comply with the applicable code, the report holder's published installation instructions and this report. The report holder's published installation instructions must be available at all times on the jobsite during installation.

The membranes are applied to the exterior horizontal and vertical surfaces of foundation walls of cast-in-place concrete or parged and nonparged masonry unit constructions. Before the membrane is applied to an

exterior foundation surface, the surface must be dry, fully cured and primed with CCW Contact Adhesive before application of the CCW MiraDri<sup>®</sup> 860/861 membrane. Side laps and end laps seams must be overlapped a minimum of 2<sup>1</sup>/<sub>2</sub> inches (63.5 mm) and 5 inches (127 mm), respectively. The entire surface including all lap seams must be rolled. The air and substrate temperature during application must be 40°F (4.4°C) or above, and the membrane must not be left exposed to direct sunlight for longer than 14 days.

## 5.0 CONDITIONS OF USE:

The CCW MiraDri<sup>®</sup> 860/861 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 Installation shall comply with this report, the manufacturer's published installation instructions and the applicable code.
- 5.2 When use is in dampproofing applications, a subsurface soil investigation of the level of groundwater at the construction site must be performed to verify the nonexistence of hydrostatic pressure.
- 5.3 The design and installation of the foundation drainage system is outside the scope of this report. The foundation drainage system must be installed in accordance with IBC Section 1805.4 or IRC Section R405, as applicable.
- 5.4 Protection boards or other protection system must be placed against the CCW MiraDri<sup>®</sup> 860/861 membrane prior to backfill placement. The backfill of the foundation must be clean soil free of rocks or any other deleterious materials and placed so as not to damage the foundation or the membrane system. For jurisdictions adopting the IBC, the backfill must be placed in lifts and compacted. The design and construction of the foundation is outside the scope of this report. For jurisdictions adopting the IRC, local backfilling requirements must be followed.
- 5.5 The products 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 Self-adhered Thermoplastic Below-grade, Dampproofing and Waterproofing Sheet Membranes \(AC527\)](#), dated October 2021 (editorially revised May 2023).

## 7.0 IDENTIFICATION

- 7.1 The ICC-ES mark of conformity, electronic labeling, or the evaluation report number (ICC-ES ESR-4925) along with the name, registered trademark, or registered logo of the report holder (Carlisle Coatings and Waterproofing) must be included in the product label.
- 7.2 In addition, each carton is identified with a label bearing the product name (CCW MiraDri<sup>®</sup> 860/861), the production date, and the report holder's (Carlisle Coatings and Waterproofing) address.
- 7.3 The report holder's contact information is the following:

**CARLISLE COATINGS AND WATERPROOFING**  
**900 HENSLEY LANE**  
**WYLIE, TEXAS 75098**  
**(972) 442-6545**  
[www.carlisleccw.com](http://www.carlisleccw.com)

**DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION**  
**Section: 07 11 00—Dampproofing**  
**Section: 07 13 00—Sheet Waterproofing**

**REPORT HOLDER:****CARLISLE COATINGS AND WATERPROOFING****EVALUATION SUBJECT:**

CCW MIRADRI® 860/861

**1.0 REPORT PURPOSE AND SCOPE****Purpose:**

The purpose of this evaluation report supplement is to indicate that MiraDri® 860/861, described in ICC-ES evaluation report [ESR-4925](#), has 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 MiraDri® 860/861, described in Sections 2.0 through 7.0 of the evaluation report [ESR-4925](#), complies with the LABC Chapter 18, and the LARC, and is subject to the conditions of use described in this supplement.

**3.0 CONDITIONS OF USE**

The MiraDri® 860/861 described in this evaluation report supplement must comply with all of the following conditions:

- All applicable sections in the evaluation report [ESR-4925](#).
- The design, installation, conditions of use and identification of the MiraDri® 860/861 are in accordance with the 2021 *International Building Code*® (IBC) provisions noted in the evaluation report [ESR-4925](#).
- The design and installation are in accordance with additional requirements of LABC Section 1805 or LARC Section R406, as applicable.

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