

**EVALUATION SUBJECT:**

**DELTA®-DRY & LATH and
BORAL DRAIN 'N' DRY LATH**

REPORT HOLDER:

**Cosella-Dörken Products Inc.
4655 Delta Way
Beamsville, Ontario L0R 1B4
www.cosella-dorken.com**

ADDITIONAL LISTEE:

**Boral Stone Products, LLC
2256 Centennial Road
Toledo, Ohio 43617
<http://www.boralamerica.com>**

**CSI Division: 07 THERMAL AND MOISTURE
PROTECTION**

CSI Section: 077700 Wall Specialties

CSI Division: 09 FINISHES

CSI Section: 092236 Lath

1.0 SCOPE OF EVALUATION**1.1 Compliance to the following codes & regulations:**

- 2009 International Building Code® (IBC)
- 2009 International Residential Code® (IRC)

1.2 Evaluated in accordance with:

- ICC-ES AC356, approved October 2009
- ICC-ES AC275, approved April 2011 editorially revised August 2013)

1.3 Properties assessed:

- Physical Properties
- Drainage efficiency
- Structural

2.0 PRODUCT USE

DELTA®-DRY & LATH and BORAL DRAIN 'N' DRY (hereafter DELTA®-DRY & LATH) is used as a substrate to apply cement plaster (Stucco) complying with the Chapter 25 of the IBC or Chapter 7 of the IRC, as applicable, and to provide a means of draining water to the exterior that enters a cement plaster or adhered thin veneer masonry wall cladding, as required by IBC Section 1403.2 or IRC Section R703.1.1, as applicable. DELTA®-DRY & LATH is used in exterior wall systems in Type V-B construction under the IBC and dwellings constructed in accordance with the IRC, as applicable.

3.0 PRODUCT DESCRIPTION

DELTA®-DRY & LATH consists of a dimpled profile, high-density polyethylene plastic with a layer of glass fiber lath bonded on one face. DELTA®-DRY & LATH has an 11 millimeter (0.43 inch) profile, a nominal weight of 10.2 pounds per 100 square feet (55 g/m²), and is provided in 39.4 inches (1.00 m) wide rolls. The glass fiber lath is self-furring with vertical and horizontal fibers.

4.0 DESIGN AND INSTALLATION

4.1 General: DELTA®-DRY & LATH is installed in accordance with this report, the applicable code and manufacturer's published installation instructions. Where conflicts occur, the more restrictive governs. The manufacturer's published installation instructions shall be available and strictly adhered to at all times on the jobsite during installation.

DELTA®-DRY & LATH shall be installed over wood-based sheathing that has a single layer of water-resistive barrier with a water resistance equal to or greater than that of a 60-minute Grade D paper, as described in the Exception to Section 2510.6 of the IBC, or the Exception to Section R703.6.3 of the IRC, as applicable.

4.2 Installation: DELTA®-DRY & LATH shall be fastened over wood-based sheathing to wood studs placed a maximum of 24 inches on center (610 mm). Fasteners shall be No. 11 gauge 1½ inch long (12.7 mm) roofing nails or staples with a 1 inch (25.4 mm) crown x 1¾ inch (44 mm) leg length. Fasteners shall engage the lath and be installed into the studs and spaced a maximum of 6-inches (152 mm) on center.

DELTA®-DRY & LATH may be fastened directly to concrete and masonry in accordance with IBC Section 1510.3 and IRC Section R703.6.1, as applicable. Fasteners shall be spaced a maximum of 6 inches (152 mm) on center vertically and 16 inches (406 mm) on center horizontally. The gravity load (shear) capacity and negative wind load (pull-out) capacity of proprietary fasteners shall be justified to the satisfaction of the code official.

The horizontal and vertical joints of the DELTA®-DRY & LATH dimpled plastic sheets are butted together with no overlap. The Glass Fiber Lath shall overlap by a minimum of 1 inch (25.4 mm) at end laps and side laps. Weep screeds and other components of a cement system shall be installed in accordance with the code. Cement plaster (stucco) shall be installed in accordance with Chapter 25 of the IBC or Chapter 7 of the IRC, as applicable.



5.0 LIMITATIONS

The DELTA®-DRY & LATH described in this report complies with those codes listed in Section 1.0 of this report or is considered a suitable alternative to what is specified, subject to the following conditions:

5.1 The DELTA®-DRY & LATH shall be installed in accordance with this evaluation report, the applicable code, and the manufacturer's published installation instructions. If there are any conflicts, the more restrictive governs.

5.2 Design wind loads resisted by the DELTA®-DRY & LATH system described in this report shall be determined in accordance with the applicable code and shall not exceed the allowable transverse loads for cement plaster (stucco) specific in Chapter 25 of the IBC or Chapter 7 of the IRC, as applicable.

5.3 In accordance with Section 2.0 of this report, installations covered by this report are limited to use in Type V-B construction for the IBC and dwellings constructed in accordance with the IRC, as applicable.

5.4 Use of DELTA®-DRY & LATH with claddings other than cement plaster (stucco) or adhered thin masonry veneer is outside the scope of this report.

5.5 Use of DELTA®-DRY & LATH as a component of a manufactured stone veneer system shall be acceptable to the manufacturer of the manufactured stone veneer system.

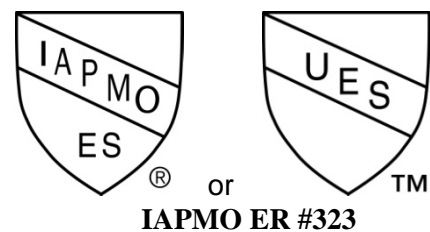
6.0 SUBSTANTIATING DATA

6.1 Data in accordance with the ICC-ES Acceptance Criteria for Moisture Drainage Systems Used With Exterior Cement Plaster or Adhered Masonry Veneer Walls, (AC356), dated October 2009.

6.2 Data in accordance with the ICC-ES Acceptance Criteria for Glass Fiber Lath Used in Cementitious Exterior Wall Coatings or Exterior Cement Plaster (Stucco) (AC275), dated April 2011, editorially corrected August 2013).

7.0 IDENTIFICATION

The DELTA®-DRY & LATH and BORAL DRAIN 'N' DRY product is identified by a label on the container of each roll, or by printing on the product, that includes the report holder's name (Cosella-Dörken Products, Inc. or Boral Stone Products, LLC), manufacturing location (Beamsville, Ontario, Canada), product name (DELTA®-DRY & LATH or BORAL Drain 'N' Dry), product size, date of manufacture, and the Uniform Evaluation Report number (ER-323).



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