Code Compliance Research Report
CCRR-0274

Issue Date: 03-20-2018
Renewal Date: 03-20-2019

DIVISION: 07 00 00 Thermal and Moisture Protection
Section: 07 30 00 Steep Slope Roofing

REPORT HOLDER:
Boral Roofing LLC
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REPORT SUBJECT:
Boral® Ply 40 Underlayment

1.0 SCOPE OF EVALUATION

1.1 This Research Report addresses compliance with the following Codes:

- 2015 and 2012 *International Building Code®* (IBC)
- 2015 and 2012 *International Residential Code®* (IRC)

1.2 Boral Ply 40 Underlayment has been evaluated for the following properties (see Table 1):

- Physical Properties

1.3 Boral Ply 40 Underlayment has been evaluated for the following uses (see Table 1):

- Use with roof coverings specified in the IBC and IRC as an alternative to the ASTM D226, Type 1, underlayment specified in chapter 15 or chapter 9 of the IRC.

2.0 STATEMENT OF COMPLIANCE

Boral Ply 40 - Underlayment complies with the Codes listed in Section 1.1, for the properties stated in Section 1.2 and uses stated in Section 1.3, when installed as described in this report, including the Conditions of Use stated in Section 6.

3.0 DESCRIPTION

3.1 Boral Ply 40 Underlayment: Is a roofing underlayment consisting of inorganic fiberglass mat saturated with SBS modified asphalt and coated with sand. Ply 40 Underlayment is produced in 39-3/8 inches wide rolls.

4.0 PERFORMANCE CHARACTERISTICS

4.1 Fire Classification:

4.1.1 Boral Ply 40 underlayment is qualified for use in non-classified or classified roof assemblies when specifically recognized as such in an approved listing.

5.0 INSTALLATION

5.1 General:

Boral Ply 40 Underlayment must be installed in accordance with the manufacturer's published installation instructions, the applicable Code, and this Research Report. A copy of the manufacturer's instructions must be available on the jobsite during installation.

5.2 Application:

5.3 Installations of Boral Ply 40 underlayment shall comply with Chapter 15 of the IBC, and Chapter 9 of the IRC and shall be installed over a solid sheathing.

5.4 Boral Ply 40 underlayment must be installed with a minimum end lap of 6 inches (152 mm) and a side lap of 2 inches (51 mm). The underlayment shall be fastened with corrosion resistant roofing nails having a nominal 3/8 in. diameter head.

6.0 CONDITIONS OF USE

6.1 Installation must comply with this Research Report, the manufacturer's published installation instructions, and the applicable Code. In the event of a conflict, this report governs.

6.2 Installation of the Boral Ply 40 underlayment in limited to roof slopes of 2:12 (16.67%) and greater and installations where the roof covering does not involve hot asphalt or coal tar pitch.

6.3 The Boral Ply 40 underlayment is manufactured under a quality control program with inspections by Intertek Testing Services NA, Inc.

7.0 SUPPORTING EVIDENCE

7.1 Data in accordance with the ICC-ES Acceptance Criteria for SBS Modified Asphalt-coated Glass-fiber-mat Roof Underlayment (AC165), Approved October 2012

8.0 IDENTIFICATION

The Boral Ply 40 Underlayment is identified with the manufacturer's name (Boral), address and telephone number, the product name (Boral Ply 40), the Intertek Mark as shown below, and the Code Compliance Research Report number (CCRR-0274).

8.1 The following statement: "See CCRR-0274 at https://bpdirectory.intertek.com."

9.0 OTHER CODES

This section is not applicable.

10.0 CODE COMPLIANCE RESEARCH REPORT USE

10.1 Approval of building products and/or materials can only be granted by a building official having legal authority in the specific jurisdiction where approval is sought.

10.2 Code Compliance Research Reports shall not be used in any manner that implies an endorsement of the product by Intertek.

10.3 Reference to the https://bpdirectory.intertek.com is recommended to ascertain the current version and status of this report.

TABLE 1 - PROPERTIES EVALUATED

PROPERTY	2015 IBC SECTION[1]	2015 IRC SECTION[1]
Physical Properties	104.11, 1506, & 1507	R104.11, R904, & R905

[1] Section numbers may be different for earlier versions of the International codes.