

Issue Date: 02-25-2020
Revision Date: 02-16-2022
Renewal Date: 02-28-2023

DIVISION: 07 00 00 – THERMAL AND MOISTURE PROTECTION
Section: 07 30 05 – Roofing Felt and Underlayment

REPORT HOLDER:
FT Synthetics Inc.
26977 – 56 Avenue
Langley City, B.C. V4W 3Y2
Canada
(604) 594-3439
www.ftsyn.com

REPORT SUBJECT:
Cobalt Ultra Self-Adhered Roofing Underlayment

1.0 SCOPE OF EVALUATION

1.1 This Research Report addresses compliance with the following Codes:

- 2021, 2018, and 2015 *International Building Code*® (IBC)
- 2021, 2018, and 2015 *International Residential Code*® (IRC)

1.2 Cobalt Ultra underlayment has been evaluated for the following properties (see Table 1):

- Physical properties

1.3 Cobalt Ultra underlayment has been evaluated for the following uses (see Table 1):

- Use where an ice barrier is required under IBC Section 1507 and IRC Section R905

2.0 STATEMENT OF COMPLIANCE

Cobalt Ultra 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 5.0.

3.0 DESCRIPTION

Cobalt Ultra underlayment is a self-adhered roofing underlayment comprised of a non-woven synthetic facer laminated onto a non-woven scrim, adhesive material, and a release liner. The underlayment is grey in color on the exposed side. The nominal weight of the underlayment is 13.4 pounds per 100 square feet. The underlayment is available in rolls of 36 inches wide by 67 feet long.

4.0 INSTALLATION

4.1 General: Cobalt Ultra 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.

4.2 Application: The roof deck must be in proper condition to ensure adhesion. Installation is limited to solid-sheathed decks of plywood substrates. The membrane is self-adhered to the substrate after the release liner is removed. The membrane is applied from the lower edge of the roof, extending up the roof a distance of 24 inches inside the exterior wall line of the building. The membrane must be lapped a minimum of 3 inches on horizontal seams and 6 inches on vertical seams. Flashings around protrusions must be installed under the underlayment.

The roof covering may be installed immediately following the underlayment application, and the underlayment must be covered within the time designated in the report holder's published installation instructions.

5.0 CONDITIONS OF USE

5.1 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.



5.2 Installation is limited to use with approved mechanically attached roof covering systems.

5.3 Installation is limited to installations where the roof covering does not involve hot asphalt or coal-tar pitch.

5.4 Installation is limited to use on areas of the roof where an ice barrier is required.

5.5 The Cobalt Ultra underlayment is manufactured under a quality control program with inspections by Intertek Testing Services NA, Inc.



6.0 SUPPORTING EVIDENCE

6.1 Reports of tests in accordance with ASTM D1970-19.

6.2 Intertek Listing Report "FT Synthetics Cobalt Ultra Self-Adhered Roofing Underlayment", on the [Intertek Directory of Building Products](#).

7.0 IDENTIFICATION

The Cobalt Ultra underlayment is identified with the manufacturer's name, address and telephone number, the product name, the Intertek Mark as shown below, and the Code Compliance Research Report number (CCRR-0356).

8.0 OTHER CODES

This section is not applicable.

9.0 CODE COMPLIANCE RESEARCH REPORT USE

9.1 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.

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

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

This Code Compliance Research Report ("Report") is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Report. Only the Client is authorized to permit copying or distribution of this Report and then only in its entirety, and the Client shall not use the Report in a misleading manner. Client further agrees and understands that reliance upon the Report is limited to the representations made therein. The Report is not an endorsement or recommendation for use of the subject and/or product described herein. This Report is not the Intertek Listing Report covering the subject product and utilized for Intertek Certification and this Report does not represent authorization for the use of any Intertek certification marks. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.





TABLE 1 - PROPERTIES EVALUATED

PROPERTY	2021 IBC SECTION ¹	2021 IRC SECTION ¹
Physical Properties	1506 and 1507.1.2	R904 and R905.1.2
Ice Barrier	1507.1.2	R905.1.2

¹ Section numbers may be different for earlier versions of the International Codes

