

**BUILDING MATERIALS EVALUATION COMMISSION  
(BMEC)  
AUTHORIZATION REPORT**

**DATE OF AUTHORIZATION  
BMEC REFERENCE  
BMEC APPLICATION**

**MAY 25TH, 2000  
BMEC #00-08-248  
#A2000-05**

**DATE OF AMENDMENT**

**July 25, 2002**

\* denotes amended clause July 25, 2002

**EZ-Deck® Flooring System**

**1. Applicant**

\* Imperial Building Products  
2305 8th Street  
Nisku, Alberta  
T9E 7Z3

Tel: (780) 955-7374  
Fax: (780) 955-7170

**2. Manufacturing Facilities**

\* Imperial Building Products  
2305 8th Street  
Nisku, Alberta  
T9E 7Z3

**3. Description**

The EZ-Deck® flooring system is a glass fiber, thermosetting polyester composite material that is factory formed into prefinished flooring and trim components for exterior applications as an alternative to a combustible flooring system.

**4. Authorization Requested**

The applicant sought authorization for the use of the EZ-Deck® flooring system, an innovative pultruded flooring material for exterior applications.

## 5. Assessment

Reports and Assessments reviewed included the following:

1. Installation Guide, Rev. 3.00 10/97.
2. Research Report No. 95-38, BOCA Evaluation Services, Inc.
3. Alberta Research Council Proposal # 685-96-24. Evaluation of Composite Decking Materials PL96-7, dated April 1996. APA Test Method S-2.
4. Alberta Research Council Proposal # 685-96-24. Evaluation of Composite Decking Materials PL96-7, Addendum, dated August 30, 1996. APA Test Method S-2.
5. Alberta Research Council Proposal # 685-96-36, File # PL96-17, Wind Lift Evaluation of Composite Decking Materials, dated April 17, 1996.
6. Alberta Research Council Report # PL94-63, Flexural Testing of FRP Decking Profile According to ASTM D790, dated September 12, 1994.
7. Alberta Research Council Reference No. PL96-7, dated May 24, 1996.
8. Inchcape Testing Services Warnock Hersey. Report No. 7305, dated April 1996, which includes testing of the E-ZDeck material in accordance with ASTM E84-90.
9. Inchcape Testing Services Warnock Hersey. Report No. 7305B, dated April 1996, which includes testing of the E-ZDeck material in accordance with ASTM D635 and D1929.
10. Inchcape Testing Services Warnock Hersey. Report No. 484-9264, dated May 3, 1996, which includes testing of the E-ZDeck material in accordance with ASTM D3679-91 and 1000 hours of QUV weathering in accordance with ASTM G53.
11. Alberta Research Council Reference No. PL96-16, dated April 9, 1996, which includes testing of the E-ZDeck material in accordance with ASTM D256 and E831.
12. Alberta Research Council Addendum to report issued April 9, 1996 and September 16, 1996.
13. Alberta Research Council Reference No. PL96-34, dated July 16, 1996, which includes testing of Pressure treated Pine and Douglas Fir solid sawn lumber in accordance with ASTM D256.

14. Alberta Research Council Reference No. PL96-34, dated June 27, 1996, which includes testing of Pressure treated Pine and Douglas Fir solid sawn lumber in accordance with ASTM D256.
15. Alberta Research Council Reference No. PL96-22, dated May 24, 1996, which tested the E-ZDeck composite deck rail system in accordance with Paragraph 1710.3.1. of the BOCA National Code.
16. Pultronex Corporation, Quality Policy Manual for the Quality System used at 2305 - 8th Street, Nisku, Alberta, dated October 11, 1996 and signed by representatives of Pultronex Corporation and the third-party inspection agency, Inchcape Testing Services.

## 6. Authorization

The EZ-Deck® flooring system is authorized for use as an exterior floor deck subject to the following terms and conditions:

### A. SPECIFIC TERMS AND CONDITIONS:

1. The use of the EZ-Deck® flooring system must comply with the *Building Code Act, 1992* as amended or re-enacted from time to time and, except as specifically authorized herein, with the Ontario Building Code as amended or remade from time to time.
2. A copy of this Authorization shall be included with an application for a building permit and shall be posted and maintained on the site of the construction with the building permit.
3. This Authorization is valid only for the Pultronex Corporation EZ-Deck® flooring system and does not include the guard/railing system.
4. This authorization is valid only for EZ-Deck® flooring system applications in buildings constructed under Part 9 of the Ontario Building Code.
5. The EZ-Deck® flooring system shall have a maximum span of 610 mm (24") between the subfloor joists that support it.
6. Quality control shall be maintained in accordance with the Quality Policy Manual dated October 11, 1996 for the Quality System used at 2305 - 8th Street, Nisku, Alberta and audited by a third-party accredited quality control agency.

**B. GENERAL CONDITIONS**

1. The Applicant named in Section 1a. hereof shall promptly notify the BMEC of:
  - (a) the failure of the Applicant, or of the material, system or building design that is the subject matter of this Authorization, to comply with any of the terms and conditions set out in Section 5. A. above; or
  - (b) the occurrence of any of the events described in Sections 5. B. 2. (a) and (b) (ii) below.
  
2. The BMEC may amend or revoke this Authorization where it determines that:
  - (a) any change has been made to:
    - (i) the material, system or building design that is the subject matter of this Authorization;
    - (ii) the address of the applicant specified in Section 1a. of this Authorization; or,
    - (iii) the ownership of the applicant specified in Section 1a. of this Authorization.
  - (b) the use of the material, system or building design authorized herein;
    - (i) does not comply with the *Building Code Act, 1992* or any relevant legislation as they may be amended or re-enacted from time to time; or
    - (ii) provides an unsatisfactory level of performance, in situ.
  - (c) the Applicant, or the material, system or building design that is the subject matter of this Authorization, has failed to comply with any of the terms and conditions set out in Section 5. A. above; or
  - (d) any Ontario Building Code provision relevant to this Authorization has been amended or remade.

Dated at Toronto this 25th day of May, 2000.

## **BUILDING MATERIALS EVALUATION COMMISSION**

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Rashmi Nathwani, Chair