

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

DATE OF AUTHORIZATION
BMEC REFERENCE
BMEC APPLICATION

JANUARY 30, 2003
BMEC # 03-02-281
BMEC # A 2002-15

Trimroc™ Interior Mouldings

1. Applicant

Canamould Extrusion Inc.
101A Roytec Road
Woodbridge, Ontario
L4L 849

Tel: (905) 264-4436
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2. Manufacturing Facilities

Canamould Extrusion Inc.
101A Roytec Road
Woodbridge, Ontario
L4L 849

3. Description

The Trimroc™ Interior Mouldings are constructed from a Type 2 expanded polystyrene substrate, a 3 mm thick cementitious base coat, a glass fibre reinforcing mesh, and a 1 mm thick gypsum top coat. Trimroc™ Interior Mouldings are fully adhered in place with drywall compound to an interior noncombustible substrate. The Trimroc™ Interior Mouldings are used for interior decorative wall and ceiling trim-work.

4. Authorization Requested

The applicant sought Authorization for the use of their product Trimroc™ Interior Mouldings, as an equivalent to combustible millwork as it is permitted in Article 3.1.5.7. of the 1997 Ontario Building Code as amended, for use in buildings required to be constructed of noncombustible construction.

5. Assessment

Reports, assessments and information provided by the applicant indicate that if the Trimroc™ Interior Mouldings are designed, performance tested and installed in accordance with the manufacturer's instructions and limitations and with the specific terms and conditions stated in this Authorization, that the level of performance required by the 1997 Ontario Building Code as amended will be provided.

Reports, assessments and information reviewed:

1. Technical Background Information Memo relating to the Trimroc™ Interior Mouldings: Canamould Extrusion Inc., dated July 18, 2002.
2. ASTM E84, Standard Test Method for Surface Burning Characteristics of Building Materials.
3. ASTM E84, test results from Underwriters' Laboratories of Canada, Standard Test Method for Surface Burning Characteristics of Building Materials, Job No. 02NK17800, dated September 10, 2002.
4. UL 1715, Fire Test of Interior Finishes Material.
5. UL 1715, test results from Underwriters' Laboratories of Canada, Fire Test of Interior Finishes Material, Application No. 02NK27412, dated September 10, 2002.
6. BOCA Commentary: Reference 2603.9.
7. Video Tape: UL 1715 "Canamould Extrusion Inc." dated, July 10, 2002.
8. Trimroc™ Interior Mouldings "Installation Guide", copyright 2001, CGC Inc.
9. Canamould Extrusions Inc. "Quality Control Manual for Trimroc™ Interior Products"

6. Authorizations

The Canamould Extrusion Inc.: Trimroc™ Interior Mouldings are authorized for use as a combustible millwork in buildings constructed of noncombustible construction wherever combustible millwork as described in Article 3.1.5.7. of the 1997 Ontario Building Code as amended would be permitted to be installed.

A. Specific Terms and Conditions

1. This Authorization is valid only for Canamould Extrusion Inc.: Trimroc™ Interior Moulding (Trimroc™).
2. The Trimroc™ mouldings shall be marked "Trimroc FR" in large print and at regular interval on the back of the moulding.
3. The Trimroc™ mouldings shall be permitted for interior use in buildings required to be constructed of noncombustible construction as referenced in Part 3 of the 1997 Ontario Building Code as amended.
4. The use of Trimroc™ mouldings shall be limited to the maximum dimensions of 150 mm (6") crown mouldings at ceilings, 100 mm (4") chair rails, 100 mm (4") baseboards, 120 mm (4-3/4") door casings, and 660 mm (26") diameter ceiling centres.

5. Drywall compound shall be applied at inside corners, outside corners and butt joints between adjacent lengths of mouldings to maintain the continuity of the protective covering.
6. The Trimroc™ mouldings shall not constitute more than 10% of the aggregate area of the wall and ceiling areas of a room or space in which they are installed. This area includes the area of doors and other openings in the walls. The Trimroc™ shall be uniformly distributed throughout the room or space.
7. The Trimroc™ mouldings shall be fully adhered, to an acceptable substrate material as referenced in 6. A. 9. of this Authorization, with a continuous coat of drywall compound that is applied directly to the full width of the bonding surface of the Trimroc™ moulding.
8. The Trimroc™ mouldings shall be installed in accordance with Canamould Extrusion Inc. "Installation Guide."
9. The Trimroc™ mouldings shall be applied to one of the following substrates: gypsum board, plaster, concrete, masonry or cement board.

6. B. General Conditions

1. The use of Canamould Extrusion Inc. Trimroc™ Interior Mouldings as described in 6. A. Specific Terms and Conditions No. 1. 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 accompany each application for a building permit and shall be maintained on the site of the construction with the building permit.
3. The Applicant named in Part 1 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 6. A. above; or
 - (b) the occurrence of any of the events described in Conditions 6. B. 4. (a) and (b) (ii) below.
4. 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 Part 1 of this Authorization; or,

- iii. the ownership of the applicant specified in Part 1 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 this Authorization; or
 - (d) any Ontario Building Code provision relevant to this Authorization has been amended or remade.
5. Where the Commission receives additional information concerning the material, system or building design authorized herein, the Commission may review this Authorization and the Commission may after the review amend or revoke this Authorization as in the opinion of the Commission may be necessary.

at Toronto this 30th day of January 2003.

BUILDING MATERIALS EVALUATION COMMISSION

Rashmi Nathwani, Chair