

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

DATE OF AUTHORIZATION
BMEC REFERENCE
BMEC APPLICATION

September 28, 2000
BMEC 00-10-250
A 2000-17

DASHWOOD INDUSTRIES LTD

Siteline (S-700 or Silensia) Patio Door with sealed dual pane 3mm glass

1. Applicant

Dashwood Industries Ltd
Highway # 4
Centralia, ON
N0M 1K0

Tel: (519) 228-2055
Fax: (519) 228-2091

2. Manufacturing Facilities

Dashwood Industries Ltd.
Highway # 4
Centralia, ON
N0M 1K0

3. Description

The applicant manufactures patio doors with glass composed of a sealed unit of 3 mm tempered glass + air space + 3 mm tempered glass and having an overall thickness of 23 mm and a maximum area of 1.98 m². The 3 mm sealed, dual pane patio door glass is used in a line of sliding doors referred to as Siteline, S-700 and/or Silensia.

4. Authorization Requested

The applicant sought authorization from the BMEC recognizing that the use of 3mm dual pane patio door glass in a line of sliding patio doors referred to as Siteline, S-700 and/or Silensia, provided an equivalent (or better) level of performance (structural strength) as required by Table 9.6.6.1. of the Ontario Building Code.

5. Assessment

Reports and assessments provided by the applicant demonstrate that the Siteline, S-700 and/or Silensia patio doors with sealed units of 3 mm tempered glass, equal or exceed the requirements of the CAN/CGSB 12.20-M, "Structural Design of Glass for Buildings" and other significant door properties.

Reports and Assessments reviewed included the following:

1. AIR-INS inc. - Report A1-01192-A of 10/01/96
2. Performance Test Data for PH Tech Patio Door system.
3. Letter dated June 26th, 2000 from Gary Burrows, P. Eng. certifying to the correctness of the submitted documents.
4. Sample Quality Manual from supplier Trulite Industries.
5. Supplemental Report from AIR-INS inc. dated September 7, 2000.

6. Authorization

The use of Dashwood Industries Ltd. 3mm dual pane patio door glass in a line of sliding doors referred to as Siteline, S-700 and/or Silensia is authorized as providing a level of performance that is equivalent to that required by Sentence 4.3.6.1.(1) of the OBC, subject to the following terms and conditions:

A. SPECIFIC TERMS AND CONDITIONS:

1. Use of the Dashwood Industries Ltd. 3 mm, dual pane patio door glass 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 Dashwood Industries Ltd. Siteline, S-700 and/or Silensia patio door models having maximum glass areas of 1.98 m².

B. GENERAL CONDITIONS

1. The Applicant named in Section 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 Section 6. A. above;or

- (b) the occurrence of any of the events described in Sections 6. 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 or manufacturer specified in Sections 1. or 2. respectively of this Authorization; or,
 - (iii) the ownership of the applicant specified in Section 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.

Dated at Toronto this 28th day of September , 2000.

BUILDING MATERIALS EVALUATION COMMISSION

Rashmi Nathwani, Chair