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Legacy report on the 1997 Uniform Building Code™

DIVISION: 10—SPECIALTIES
Section: 10530—Protective Covers

ATTACHED AND FREESTANDING PATIO COVERS AND COMMERCIAL ROOF STRUCTURES

AMERIMAX BUILDING PRODUCTS, INC.
5208 TENNYSON PARKWAY, SUITE 100
PLANO, TEXAS 75024

1.0 SUBJECT

Attached and Freestanding Patio Covers and Commercial Roof Structures.

2.0 DESCRIPTION

2.1 General:

The patio covers and commercial roof structures include freestanding and attached designs. The walls must be unenclosed. Allowable loads and a summary of plans under this report are shown in Table 1.

2.2 Materials:

2.2.1 Aluminum: The aluminum is available in roll-formed and extruded shapes of various alloys and tempers, complying with Chapter 20 of the UBC.

2.2.2 Steel: The steel is various grades of galvanized, cold-formed steel complying with ASTM A 653.

2.3 Installation:

The structures are erected and framed in the manner set forth in the attached plans.

2.4 Identification:

Each structure bears a permanent decal or identifying tag stating the allowable roof live load, the horizontal wind load, the uplift wind load, the name of the manufacturer and the model number.

3.0 EVIDENCE SUBMITTED

Plans, calculations, and reports of transverse load tests and fastener tests.

4.0 FINDINGS

That the Attached and Freestanding Patio Covers and Commercial Roof Structures of Amerimax Building Products, Inc., described in this report comply with the 1997 Uniform Building Code™ (UBC), subject to the following conditions:

4.1 Construction is in accordance with the attached plans, dated February 8, 2000, and the UBC, except the maximum snow loads are limited to 30 psf.

4.2 The 10 psf (479 Pa) live load patio covers are in compliance with Appendix Chapter 31, Division III, of the UBC.

This report is subject to re-examination in one year.

TABLE 1

Table with 6 columns: DRAWING NUMBER, NO. OF PAGES, TYPE OF STRUCTURE, SUPPORT METHOD, DESIGN LOAD (psf) (subdivided into Roof Live [or Snow], Horizontal Wind, Wind Uplift), and PERMITTED ENCLOSURE (based on horizontal wind calculations). Rows include drawing numbers 97GN, 97SC, 97CD, and 97LT.

For SI: 1 psf = 47.88 Pa, 1 mph = 1.61 km/h.

1Horizontal wind and wind-uplift loads developed with a basic wind speed of 70 or 90 mph, Exposures B and C, in accordance with Chapter 16, Division III, of the UBC. Patio-cover horizontal wind and wind-uplift loads developed with a 70 or 90 mph basic wind speed, in accordance with Appendix Chapter 31, Division III, of the UBC.

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