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Legacy report on the 1997 Uniform Building Code™, the 2000 International Building Code® and the 2000 International Residential Code®

DIVISION: 07—THERMAL AND MOISTURE PROTECTION
Section: 07650—Flexible Flashings

GRACE VYCOR® PLUS SELF-ADHERED FLASHING AND GRACE VYCOR® V40 SELF-ADHERED FLASHING

W.R. GRACE & CO.—CONN.
62 WHITTEMORE AVENUE
CAMBRIDGE, MASSACHUSETTS 02140

1.0 SUBJECT

Grace Vycor® Plus Self-Adhered Flashing and Grace Vycor® V40 Self-Adhered Flashing.

2.0 DESCRIPTION

2.1 General:

Grace Vycor Plus Self-Adhered Flashing and Grace Vycor V40 Self-Adhered Flashing are self-adhering sheet-type membranes consisting of rubberized asphalt and cross-laminated polyethylene with a removable release sheet. Grace Vycor Plus and Vycor V40 are intended for use as flashings under Section 1402.2 of the 1997 Uniform Building Code™ (UBC), Section 1405.3 of the 2000 International Building Code® (IBC) and Section R703.8 of the 2000 International Residential Code® (IRC).

The products can be applied to substrates of wood, plywood, oriented strand board, gypsum sheathing (including Dens-Glass® Gold sheathing recognized in ER-4305), normal-weight concrete and masonry (CMU). Grace Vycor Plus is 0.025 inch thick (0.64 mm) and is available in rolls with various widths between 4 and 18 inches (102 and 456 mm). Grace Vycor V40 is 0.040 inch thick (1.02 mm) and is available in rolls with various widths between 6 and 18 inches (152 and 456 mm). The products must not be left permanently exposed to sunlight. Refer to W.R. Grace product literature for maximum exposure periods.

2.2 Installation:

Installation must comply with UBC Section 1402.2, IBC Section 1405.3 or IRC Section R703.8, as applicable; the manufacturer's installation details; and this report. The instructions in this report prevail if there are any conflicts between the manufacturer's instructions and this report.

2.2.1 Surface Preparation: Grace Vycor Plus and Vycor V40 must be installed on a clean and dry surface. Dust, dirt, surface protrusions and loose nails, if any, must be removed.

Surfaces shall have no voids or damaged or unsupported areas; if such conditions exist, they must be repaired before installation of the membrane. Oriented strand board, gypsum sheathing (including Dens-Glass® Gold sheathing recognized in ER-4305), normal-weight concrete and masonry (CMU) surfaces must be primed with Perm-A-Barrier® WB Primer manufactured by W.R.Grace & Co.—Conn., applied at a rate of 250-350 ft²/gallon (6-8 m²/L). Priming is not required for wood and plywood surfaces; however, the primer described in this section may be optionally applied.

2.2.2 Membrane Installation: Grace Vycor Plus and Vycor V40 membranes must be applied only in fair weather when the air, surface, and membrane are at temperatures of 25°F (-4°C) or higher. The membrane is cut to length and the release paper is peeled back. The membrane is then aligned into position and pressed in place with heavy hand pressure. Laps must be a minimum of 3 inches (76 mm). The membrane must be mechanically fastened at all vertical terminations. The laps must be installed such that all laps shed water. Membranes must be applied from the low point to high point of the wall opening. The membranes shall not be used in roofing applications.

2.3 Identification:

The packaging of the products is identified by a label bearing the W. R. Grace & Co.—Conn name and address, the product name, the length and width of the roll, and the evaluation report number (ER-6141).

3.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Flashing Materials (AC148), dated July 2001, and a quality control manual.

4.0 FINDINGS

That the Grace Vycor® Plus Self-Adhered Flashing and Grace Vycor® 40 Self-Adhered Flashing described in this report comply with the 1997 Uniform Building Code™ (UBC), the 2000 International Building Code® (IBC), and the 2000 International Residential Code® (IRC), subject to the condition that the products are installed in accordance with this report, the manufacturer's instructions, and the applicable code.

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

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