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Legacy report on the 2000 *International Building Code*[®], the 2000 *International Residential Code*[®], the 2002 *Accumulative Supplement to the International Codes*[™], the BOCA[®] *National Building Code/1999*, the 1999 *Standard Building Code*[®], the 1997 *Uniform Building Code*[™] and the 1998 *International One-and Two-Family Dwelling Code*[®]

DIVISION 07—THERMAL AND MOISTURE PROTECTION Section 07110—Dampproofing

MAR-FLEX SYSTEMS INC.
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1.0 SUBJECT

Mar-Flex Cavity Wall and Foundation Coating

2.0 PROPERTY FOR WHICH EVALUATION IS SOUGHT

Foundation Dampproofing Material

3.0 DESCRIPTION

Mar-Flex Cavity Wall and Foundation Coating is a fluid-applied, one-coat, blended asphalt coating which is intended for use as a dampproofing membrane. The damp-proofing is spray-applied to the exterior vertical surfaces of below-grade foundation walls of either concrete or parged concrete masonry unit construction.

4.0 INSTALLATION

Before applying Mar-Flex Cavity Wall and Foundation Coating to a surface, the surface shall be structurally sound, clean, dry, free of dust, mud, loose mortar, sand, soil, frost or other loose materials. Additionally, there shall be no fins, metal projections or any substance that will prevent bonding of the membranes to the surface. Voids in concrete, tie holes and honeycombed areas in the foundation wall shall be filled with non-shrink grout or an asphalt-based mastic. Where non-shrinking grout is used for filling voids, adequate time shall be allowed for the grout to cure before proceeding with the membrane application. Concrete and parged concrete masonry surfaces shall be cured and dry prior to application of the liquid dampproofing membrane.

The temperature for application shall be limited to a minimum of 0° F (-17.8° C) and a maximum of 150° F (67° C). The minimum dry film thickness, shall be 0.020 in. (0.51 mm) (20 mils), shall be allowed to cure for a minimum of 24 hours before backfill is placed against the wall.

5.0 IDENTIFICATION

All containers of Mar-Flex Cavity Wall and Foundation Coating as described in this report, shall be identified by a label bearing the manufacturer's name, address, product

name and this ICC-ES legacy evaluation report number.

6.0 EVIDENCE SUBMITTED

6.1 D/L Laboratories, Report No. DL-10095-R, dated September 1, 1994, containing results of physical testing of the Mar-Flex Cavity Wall and Foundation Coating.

6.2 Manufacturer's published installation instructions titled, Mar-Flex Cavity Wall and Foundation Coating[™] Installation Instructions, rev. dated August 21, 2002.

7.0 CONDITIONS OF USE

The ICC-ES Subcommittee for the National Evaluation Service finds that Mar-Flex Cavity Wall and Foundation Coating Foundation Coating as described in this report complies with or is a suitable alternative to that specified in the 2000 *International Building Code*[®], the 2000 *International Residential Code*[®], the 2002 *Accumulative Supplement to the International Codes*[™], the BOCA[®] *National Building Code/1999*, the 1999 *Standard Building Code*[®], the 1997 *Uniform Building Code*[™] and the 1998 *International One-and Two-Family Dwelling Code*[®] subject to the following conditions:

- 7.1 The manufacturer's published installation instructions and this report shall be strictly adhered to and a copy shall be available on jobsite at all times during installation.
- 7.2 Mar-Flex Cavity Wall and Foundation Coating shall be limited to applications on the exterior vertical surfaces of below-grade foundation walls of parged concrete masonry and concrete construction.
- 7.3 Joints and penetrations of the walls to which Mar-Flex Cavity Wall and Foundation Coating is to be applied, shall be made watertight in accordance with the applicable code.
- 7.4 This report is limited to an evaluation of Mar-Flex Cavity Wall and Foundation Coating applied at a minimum wet thickness of 0.035 in. (0.89 mm) (35 mils), which cures to a minimum dry film thickness of 0.020 in. (0.51 mm) (20 mils).
- 7.5 Application of the Mar-Flex Cavity Wall and Foundation Coating on uncured ("green") concrete is outside the scope of this report.
- 7.6 Subsoil drainage shall be provided in accordance with the applicable code.
- 7.7 This report is subject to periodic re-examination. For information on the current status of this report, contact the ICC-ES.

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