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July 1, 2005

Patrick Miller
Mer-Kote Products, Inc.
501 South Van Ness Ave.
Torrance, CA 90501

RESEARCH REPORT: RR 4321
EFFECTIVE DATE: 07/01/05
EXPIRATION DATE: 07/01/06
Telephone: 310-320-1880

GENERAL APPROVAL - Renewal - "Mer-Krete" Waterproofing Membranes, Models "B.F.P." and 2000.

DETAILS

These products are latex-coated glass-mat reinforced waterproof membranes. The membrane underlies the terrazzo concrete or the ceramic tile. This material may replace the three layers of 15-pound asphalt-saturated roofing felt required by the Code for non-metallic receptor linings.

The approval is subject to the following conditions:

1. These products may be installed as a substitute for the following:
 - a. The built-up shower pan liner required by Section 94.412.5 of the Los Angeles Plumbing Code (LAPC), 2002 Edition.
 - b. The waterproof membrane required beneath the mortar bed of a Roman tub by IAPMO IS 2-90.

NOTE: No additional layers of standard grade 15-pound tar or asphalt-impregnated roofing felt are required.

2. The membrane shall be installed as follows:
 - a. Clean all surfaces of the fixture enclosure that are to be coated; seal all wood surfaces with a wood sealer compound; prime perimeter areas and base flashing.
 - b. Apply alternate layers of wet mastic - glass fabric-wet mastic over the dry primed or sealed surfaces, using extra care in the corners, at the coving and at the drains.
 - c. Apply a second membrane coating over previous dry mastic/fabric/mastic layer to fill and seal all treated surfaces.
 - d. Apply the membrane at least 1/16-inch thick on the sides, 1/8-inch thick on the

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bottom and pitch it 1/4-inch per foot to the weep holes in the subdrain. The weep holes in the subdrain shall remain open.

3. The installer shall protect the membrane by placing several layers of building material over the membrane or by other suitable means per manufacturer's printed instructions.
4. Each container of these manufactured products shall be marked with a label showing the name "MER-KRETE" and the appropriate model.

DISCUSSION

File and reports were reviewed by the Mechanical Testing Laboratory. The materials and construction are equivalent to that prescribed by the Los Angeles Municipal Code in quality, strength, effectiveness, durability and safety.

For this General Approval to be valid on any individual construction project in the City of Los Angeles, an engineer or inspector of the Department of Building and Safety must make a determination that all conditions of the General Approval required to provide equivalency have been met in the case of each construction project under consideration.

The approval is granted under Sections 94.301.0, 94.401.0 and 94.412.0 of LAPC, 2002 Edition.

Approved by:

Amir Tabakh, Chief
Mechanical Engineering Section
Engineering Bureau

Prepared by: Mark Wang

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