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AVM Industries, Inc.
8245 Remmet Avenue
Canoga Park, CA 91304

Attn: Amir Rudyan
(818) 888-0050

RESEARCH REPORT: RR 26220
(CSI #07100)

Expires: August 1, 2025
Issued Date: June 1, 2023
Code: 2020 LABC

GENERAL APPROVAL – Renewal – Aussie Membrane 570 Hot Rubber Waterproofing Membrane

DETAILS

Aussie Membrane 570 Hot Rubber is a hot-applied asphalt-based composition membrane applied in a liquid state to form a continuous, seamless, fully adhered waterproofing membrane. The material is applied with a 110mil base layer followed by the AVM Mat 570 followed by a 105mil top layer. The AVM Mat 570 is a 1.4 oz./yd² spunbonded polyester mat.

The above system is approved for waterproofing when required by Section 1805.3 of the 2020 City of Los Angeles Building Code.

The approval is subject to the following conditions:

1. The products shall be delivered to the job site in sealed containers properly identified with the manufacturer's name, product name and lot or batch numbers.
2. Except as specified herein, the application of the system shall be in accordance with the manufacturer's instructions. A copy of the instructions shall be available at each job site.
3. Application of the product shall be accomplished by an applicator approved, in writing, by the manufacturer.

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4. All surfaces to receive the product shall be free of large voids, sharp projections, and/or standing water. Prepare surfaces per manufacturer's instructions.
5. Complete details for the membrane system shall be submitted for plan check and a building permit shall be obtained.
6. Protection for the membrane shall be provided per manufacturer's instructions.
7. Prior to placing the concrete slab or other finish materials over the membrane, the membrane installer shall certify the membrane to be installed according to the manufacturer's specifications.
8. The above product is approved for between slab and below-grade waterproofing as required by Chapter 18 of the Los Angeles Building Code. The product may be used in conjunction with AVM Industries approved sealants at penetrations of the waterproofing membrane.
9. The membrane materials shall not be used with pneumatically applied concrete (gunite or shotcrete).
10. All surfaces must be smooth, free of depressions, voids, protrusions, clean and free of unapproved curing compounds, form release agents and other surface contaminants.
11. The products shall not be used to seal joints or penetrations of fire-rated assemblies.
12. The maximum allowable hydrostatic pressure for the Aussie Membrane 570 Hot Rubber waterproofing membrane is 17.5 psi with a max depth rating of 20 feet.

DISCUSSION

This report is in compliance with the 2020 City of Los Angeles Building Code.

This general approval is based on tests in accordance with ICC-ES AC29 (Approved June 2011, editorially revised August 2020) – Acceptance Criteria for Cold, Liquid-Applied, Below-Grade, Exterior Damproofing and Waterproofing Materials.

This general approval of an equivalent alternate to the Code is only valid where an engineer and/or inspector of this Department has determined that all conditions of this Approval have been met in the project in which it is to be used.

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Addressee to whom this Research Report is issued is responsible for providing copies of it, complete with any attachments indicated, to architects, engineers and builders using items approved herein in design or construction which must be approved by Department of Building and Safety Engineers and Inspectors.

EUGENE BARBEAU, Chief
Engineering Research Section
201 N. Figueroa St., Room 880
Los Angeles, CA 90012
Phone : (213) 202-9812
Email : engineering-research@lacity.org

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