

BOARD OF
BUILDING AND SAFETY
COMMISSIONERS

—
VAN AMBATIELOS

PRESIDENT

E. FELICIA BRANNON
VICE-PRESIDENT

JOSELYN GEAGA-ROSENTHAL
GEORGE HOVAGUIMIAN
JAVIER NUNEZ

—

AVM Industries
8245 Remmet Avenue
Canoga Park, CA 91304-4133

Attn: Amir Rudyan
(818) 888-0050

CITY OF LOS ANGELES

CALIFORNIA



ERIC GARCETTI
MAYOR

DEPARTMENT OF
BUILDING AND SAFETY

201 NORTH FIGUEROA STREET
LOS ANGELES, CA 90012

—

FRANK BUSH

GENERAL MANAGER
SUPERINTENDENT OF BUILDING

OSAMA YOUNAN, P.E.

EXECUTIVE OFFICER
—

RESEARCH REPORT: RR 26138
(CSI # 071300, 071100, and 312100)

REEVALUATION DUE
DATE: August 01, 2021
Issued Date: May 01, 2019
Code: 2017 LABC

GENERAL APPROVAL – Renewal - AVM AUSSIE MATE 580-AL Waterproofing Membranes and Methane Barriers for below-grade applications of concrete walls and slabs.

DETAILS

AUSSIE MATE 580-AL is a 60-mil below-grade waterproofing sheet composed of self-adhering modified bitumen with an aluminum protection layer. The self-adhering modified bitumen is covered with a plastic release film that is removed prior to installation.

AUSSIE MATE 580-AL is an unexposed, reinforced sheet waterproofing membrane used in concrete wall and slab applications.

The approval is subject to the following conditions:

1. The design and installation must be in accordance with this report, the manufacturer's instructions, the manufacturer's published installation instructions and the 2017 Los Angeles Building Code.
2. All surfaces to receive membrane shall be free of laitance, sharp projections, oil, dirt or other contaminants. Prepare surfaces in accordance with the manufacturer's instructions. The backfill of the foundation must be clean soil, free of rocks or any other deleterious materials and placed so as not to damage the membrane system.

RR 26138
Page 1 of 3

AVM Industries, Inc.

RE: AUSSIE MATE 580-AL

3. The design and construction of the foundation and drainage system is outside the scope of this report. The foundation drainage system shall be installed in accordance with Section 1805.4 of the 2017 Los Angeles Building Code.
4. Seams and repairs shall be completed in accordance with manufacturer recommendations.
5. The maximum Hydrostatic pressure the barrier can withstand is 74 pounds per square inch.
6. The manufacturer shall provide quality assurance of the materials supplied as to their formulation.
7. AUSSIE MATE 580-AL is permitted to be installed under building footings when allowed by project Structural Engineer of Record. The effects of a reduced coefficient of friction between concrete footing and waterproofing membrane shall be addressed.
8. AUSSIE MATE 580-AL methane barrier installation, continuous inspection by a registered deputy inspector certified by AVM Industries and registered in accordance with the requirements specified in LAMC Section 91.1704 for special inspections is required.
9. Prior to placing the concrete slab over the membrane, the membrane installer shall certify the membrane to be installed and tested in accordance with the manufacturer's specifications and to be free of leaks.
10. AUSSIE MATE 580-AL waterproofing membrane system shall be supplied in clearly marked containers bearing the brand name and product identification and LARR #.
11. The membrane materials shall not be used with pneumatically applied concrete (gunite or shotcrete).

DISCUSSION

This report is in compliance with the 2017 City of Los Angeles Building Code.

The approval is based on tests and analyses in accordance with the LADBS Acceptance Criteria L021- Below Grade Exterior Damp-Proofing and Waterproofing Materials and L137- Methane Barrier Test Criteria.

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.

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.

AVM Industries, Inc.
RE: AUSSIE MATE 580-AL

DAVID CHANG, Chief
Engineering Research Section
201 N. Figueroa St., Room 880
Los Angeles, CA 90012
Phone - 213-202-9812
Fax - 213-202-9943

BKR
RR26138
TLB1900094
R05/02/2019
1805.3, Chapter 71