

CITY OF LOS ANGELES
CALIFORNIA

BOARD OF
BUILDING AND SAFETY
COMMISSIONERS

VAN AMBATIELOS
PRESIDENT

E. FELICIA BRANNON
VICE PRESIDENT

JOSELYN GEAGA-ROSENTHAL
GEORGE HOVAGUIMIAN
JAVIER NUNEZ



ERIC GARCETTI
MAYOR

DEPARTMENT OF
BUILDING AND SAFETY
201 NORTH FIGUEROA STREET
LOS ANGELES, CA 90012

FRANK M. BUSH
GENERAL MANAGER
SUPERINTENDENT OF BUILDING

OSAMA YOUNAN, P.E.
EXECUTIVE OFFICER

Pro-Seal Products
16541 Redmond Way, Suite363-C
Redmond, WA 98052

RESEARCH REPORT: 26015
(CSI #07130)

Attn: Tim Lindor
(800) 349-7325

Expires: October 1, 2020
Issued Date: November 1, 2018
Code: 2017 LABC

GENERAL APPROVAL – Renewal & Clerical Modification –Pro-Seal Products, Pro-Seal FlexSystem II™ methane barrier, waterproofing and water management system for below grade; under slab, between slab and vertical applications.

DETAILS

Pro-Seal Products, Pro-Seal FlexSystem II™ methane barrier, waterproofing and water management system is a single component membrane, cold laminated at site as applied to the water management and membrane protection components of the system, with methane barrier, waterproofing and water management components and properties.

The above Pro-Seal Products, Pro-Seal FlexSystem II™ methane barrier, waterproofing and water management system is approved for waterproofing, when required by Section 1805.3 of the 2014 City of Los Angeles Building Code. Pro-Seal products, Pro-Seal FlexSystem II™ system meets or exceeds the hardness requirement of 50.

Pro-Seal Products, FlexSystem II™ system is approved for methane permeability resistance and oil resistance.

Pro-Seal Products

RE: Pro-Seal Flex System II for below-grade applications

The approval is subject to the following conditions:

1. The components of the Pro-Seal Flex System II™ methane barrier, waterproofing and water management system shall be delivered to the job site in sealed and other appropriate containers and packaging properly identified with the manufacturers name and trade name of the products.
2. Except as specified herein, application of the Pro-Seal FlexSystem II™ methane barrier, waterproofing and water management system shall be installed in accordance with the manufacturer's instructions by a manufacturer's authorized applicator/installer of the system. Where product warranty is a consideration the product shall be installed only by a manufacturer's authorized installer/applicator.
3. All material and components of Pro-Seal FlexSystem II™ methane barrier, waterproofing and water management system shall be packaged in standard commercial containers and packaging constructed so as to ensure acceptance by common carrier for safe transportation to the point of delivery. Shipping containers shall be marked with manufacturer's name, product name, type, and quantity of the material packed therein, as defined by the contract order under which the shipments are made.
4. The date of production shall be marked on each container and/or bulk package.
5. Application of the Pro-Seal FlexSystem II™ system shall be accomplished by a manufacturer's authorized approved applicator bearing and presenting a certificate of authorization, said applicator shall be an applicator in good standing with the manufacturer.
6. All surfaces to receive the Pro-Seal FlexSystem II™ system shall be free of large voids, sharp protrusions, projections and / or standing water. Repair for said voids or protrusions or other potentially damage threatening imperfections shall be in accordance with manufacturer's requirements.
7. Complete details for the Pro-Seal FlexSystem II™ methane barrier, waterproofing, and water management system shall be submitted for plan check and a building permit shall be obtained.
8. Protection for the Pro-Seal FlexSystem II™ methane barrier, waterproofing and water management system shall be provided per the manufacturer's instruction.
9. Prior to placing the concrete slab over under slab or split slab applications or to wall standard vertical or inverted vertical applications of the pre-placed Pro-Seal FlexSystem II™ methane barrier, waterproofing and water management system. The membrane installer shall certify the membrane to have been installed according to the manufacturer's specification.

Pro-Seal Products

RE: Pro-Seal Flex System II for below-grade applications

10. The membrane shall not be exposed to sunlight for long periods when being installed per manufacturer's installation procedures. The Pro-Seal FlexSystem™ II methane barrier, waterproofing and water management system is approved for the below grade horizontal and vertical waterproofing and methane barrier applications as required by Chapter 18 of the Los Angeles Building Code. The product shall be used in conjunction only with Pro-Seal 34 caulking compound, tested under this report as an integral part of the Pro-Seal FlexSystem II™ methane barrier, waterproofing and water management system with the system for said above City of LARR number approval, for penetration points in the membrane and said seals of penetration points shall be per manufacturer's guide specifications specific to site penetrations to assure a monolithic chemically integrated seal.
11. The membrane materials shall not be used with pneumatically applied concrete (guniting or shotcrete).
12. The surfaces to receive the Pro-Seal FlexSystem II™ system shall be smooth and free of depressions, protrusions voids, clean and free of all bond breaking matter and materials to include, but not limited to, curing compounds, form release agents, or other surface contaminants.
13. The Pro-Seal FlexSystem II™ methane barrier, waterproofing and water management system shall not be used to seal joints or penetrations as a fire rated seal of fire related assemblies. The Pro-Seal FlexSystem II™ system is for methane barrier, water proofing and water management of below grade horizontal slabs and vertical walls, applied between split slabs and post erection or pre-erection to vertical surfaces per the manufacturer's specifications.

Pro-Seal Products

RE: Pro-Seal Flex System II for below-grade applications

DISCUSSION

The clerical modification is to update the report to the 2017 Los Angeles City Building Code.

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

The approval is based on tests.

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.

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

DE
26015
R10/21/2018
TLB1800270
1805.3