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Polycoat Products  
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RESEARCH REPORT: RR 25935  
(CSI # 07130)

Expires: September 1, 2023  
Issued Date: September 1, 2021  
Code: 2020 LABC

**GENERAL APPROVAL** – Renewal - Polycoat Products Polycoat- Aquaseal® 5000 and Poly-Tuff Systems International Terra-Shield® waterproofing systems for below grade walls.

**DETAILS**

Polycoat- Aquaseal® 5000 and Terra-Shield® waterproofing systems are a single component, liquid applied, bitumen modified, coal tar free, moisture cured polyurethane waterproofing membrane designed for below grade applications.

The Polycoat- Aquaseal® 5000 and Terra-Shield® waterproofing systems may be applied to below grade walls, concrete and masonry planters and suspended or elevated concrete slabs in between slab construction.

The products are applied in two coats for a dry-film thickness of 75 mils.

**The approval is subject to the following conditions:**

1. The products are not approved for applications over on grade or below grade slabs.
2. The products shall be covered by protection board or protection fabric after installation in order to avoid continuous UV exposure.
3. The products shall be delivered to the job site in sealed containers properly identified with the manufacturer's name and trade name of the products.
4. The products shall not be used to seal joints or penetrations of fire-rated assemblies. Polycoat- Aquaseal® 5000 and Terra-Shield® are approved for waterproofing below grade walls when required by Section 1805.3 of the 2020 Los Angeles Building Code

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RE: Polycoat- Aquaseal® 5000/Terra-Shield waterproofing for below grade walls and slabs

5. Products shall not be left exposed for more than 60 days (30 days with release liner and another 30 days without release liner).
6. If more than 48 hours pass between coats then the surface must re-primed.
7. Over rough surfaces, such as concrete block, the products must be applied evenly in three 30 mil coats.
8. Except as specified herein, 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.
9. The maximum allowable hydrostatic pressure for the Polycoat-Aquaseal® 5000/Terra-Shield is 27.2 psi.

**DISCUSSION**

The report is in compliance with the 2020 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.

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