

CSI: DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 13 00—Sheet Waterproofing

Product Certification System:

The ICC-ES product-certification system includes evaluating reports of tests of standard manufactured product, prepared by accredited testing laboratories and provided by the listee, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the listee's quality system.

Product: Hydro-Prufe® 80 Mil Polyvinyl Chloride (PVC) Waterproofing Membrane for Tank Lining

Listee: HYDRO-GARD, LLC

Evaluation: Hydro-Prufe® 80 Mil Polyvinyl Chloride (PVC) Waterproofing Membrane for Tank Lining was evaluated to the following standards:

- ASTM D5385-93 (2006), Standard Test Method for Hydrostatic Pressure Resistance of Waterproofing Membranes, ASTM International.
- NFPA 22-13 and NFPA 22-08, Standard for Water Tanks for Private Fire Protection, National Fire Protection Association.

Findings: Hydro-Prufe® 80 Mil Polyvinyl Chloride (PVC) Waterproofing Membrane for Tank Lining, when tested as a wall treatment on concrete tanks with an allowable hydrostatic pressure of 50-psi (344.7 kpa) or 115.5-feet (35.2 m) of hydrostatic head, meets the wall treatment on concrete tanks requirements of NFPA 22, as referenced in the applicable section of the following code editions.

- 2015 and 2012 *International Fire Code*® (IFC)
Applicable Section: 507.2.2

Identification:

1. Hydro-Prufe® 80 Mil Polyvinyl Chloride (PVC) Waterproofing Membrane for Tank Lining and manufacturer-specified system components must be identified by a stamp on the packaging that bears the name Hydro-Gard, LLC and the product name, the ICC-ES Listing Number (ESL-1049) and/or Evaluation Report Number ([ESR-3465](#)), and when applicable, the ICC-ES Listing Mark.
2. The report holder's contact information is the following:

HYDRO-GARD, LLC
18340 YORBA LINDA BOULEVARD, SUITE 107
YORBA LINDA, CALIFORNIA 92886
(562) 944-7030
www.hydro-gard.com

Installation: The product must be installed in accordance with the Hydro-Gard, LLC published installation instructions and applicable codes. After the product is installed as a wall treatment on the concrete tank in accordance with the manufacturer's published instructions and prior to placing the tank in service, a leakage test must be conducted, in accordance with NFPA 22 Section 17.7 to ensure water tightness.

Conditions of listing:

1. Additional attributes and their applications can be found in the ICC-ES Evaluation Report, [ESR-3465](#).
2. The listing report addresses only conformance with the standards and code sections noted above.
3. Approval of the product's use is the sole responsibility of the local code official.
4. The listing report applies only to the material tested and as submitted for review by ICC-ES.