

ICC-ES Evaluation Report**ESR-1417**

Reissued March 1, 2013

This report is subject to renewal March 1, 2015.www.icc-es.org | (800) 423-6587 | (562) 699-0543

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**DIVISION: 07 00 00—THERMAL AND MOISTURE
PROTECTION****Section: 07 11 00—Dampproofing****REPORT HOLDER:**

DECO PRODUCTS, INC.
7900 EAST 40TH AVENUE
DENVER, COLORADO 80207
(800) 500-DECO
deco20seal@aol.com
www.decoproducts.com

EVALUATION SUBJECT:**DECO 20 DAMPPROOF COATING****1.0 EVALUATION SCOPE****Compliance with the following codes:**

- 2006 *International Building Code*® (IBC)
- 2006 *International Residential Code*® (IRC)

Property evaluated:

Foundation dampproofing

2.0 USES

DECO 20 Dampproof Coating is a fluid-applied, dampproofing coating applied to the exterior of foundation walls of cast concrete or parged and nonparged masonry unit construction, and may be used in locations subject to ultraviolet light (UV) exposure.

3.0 DESCRIPTION

DECO 20 Dampproof Coating is a modified water-based acrylic urethane coating. The coating is supplied in 5-gallon (19.0 L) containers and 55-gallon (208 L) and 265-gallon (1002 L) totes.

4.0 INSTALLATION

Installation of DECO 20 Dampproof Coating shall comply with this report and the manufacturer's published installation instructions. The manufacturer's published installation instructions shall be available at the jobsite at all times during installation.

DECO 20 Dampproof Coating is applied to the exterior vertical surfaces of foundation walls of cast concrete or parged and nonparged masonry unit construction. Before the dampproofing is applied to an exterior foundation surface, the surface shall be structurally sound, clean and free of dust, mud, loose mortar, sand, soil, frost or other loose materials. The coating may be applied to damp walls. Additionally, there shall be no fins, metal projections or any substance that will prevent bonding of the coating to

the surface. Holes and recesses resulting from the removal of form ties shall be sealed with a bituminous material or other approved methods or materials.

The air temperature during application shall be limited to a minimum of 28°F (-3°C). The minimum dry film thickness shall be 0.007 inch (0.18 mm [7 mils]). The coating shall be allowed to cure for a period of one to two hours before any backfill is placed against the wall.

5.0 CONDITIONS OF USE

The DECO 20 Dampproof Coating described in this report complies with, or is a suitable alternative to that specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1** Installation shall comply with this report, the manufacturer's published installation instructions and the applicable code. In the event of a conflict between the manufacturer's published installation instructions and this report, this report shall govern.
- 5.2** DECO 20 Dampproof Coating shall be limited to applications on the exterior vertical surfaces of foundation walls of cast concrete or parged and nonparged masonry unit construction.
- 5.3** Joints and penetrations of the walls to which DECO 20 Dampproof Coating is to be applied shall be made watertight in accordance with the applicable code.
- 5.4** This report is limited to an evaluation of DECO 20 Dampproof Coating applied at a minimum wet thickness of 0.010 inch (0.25 mm [10 mils]), which cures to a minimum dry film thickness of 0.007 inch (0.18 mm [7 mils]).
- 5.5** DECO 20 Dampproof Coating is permitted for use in locations subject to UV exposure.
- 5.6** A subsurface soil investigation of the level of ground water at the construction site shall be performed to verify the nonexistence of hydrostatic pressure.

6.0 EVIDENCE SUBMITTED

- 6.1** Data in accordance with the ICC-ES Acceptance Criteria for Cold, Liquid-applied, Below-grade, Exterior Dampproofing and Waterproofing Materials (AC29), dated February 2004 (editorially revised March 2011).
- 6.2** Report containing results of UV testing performed in accordance with ASTM D 2565.

7.0 IDENTIFICATION

Containers of DECO 20 Dampproof Coating as described in this report shall be identified by a label bearing the manufacturer's name (DECO Products) and address, the product name and the evaluation report number (ESR-1417).