Formulated Materials LLC Distributed by ZeroDocs.com

This section includes editing notes to assist the user in editing the section to suit project requirements. These notes are included as hidden text, and can be revealed or hidden by the following method in Microsoft Word:

Display the FILE tab on the ribbon, click OPTIONS, then DISPLAY. Select or deselect HIDDEN TEXT.

This guide specification section has been prepared by Formulated Materials LLC for use in the preparation of a project specification section covering Elevation L1 fluid-applied seamless waterproofing for use on balconies, decks, breezeways, roofs, and as waterproofing in concealed or exposed applications.

The following should be noted in using this specification:

Hypertext links to manufacturer websites are included after manufacturer names to assist in product selection and further research. Hypertext links are contained in blue, e.g.:

[www.formulatedmaterials.com](http://www.formulatedmaterials.com)

Optional text requiring a selection by the user is enclosed within brackets and as red text, e.g.: Color: [Red.] [Black.]"

Items requiring user input are enclosed within brackets and as red text, e.g.: "Section [\_\_ \_\_ \_\_ - \_\_\_\_\_\_\_\_]."

Optional paragraphs are separated by an "OR" statement included as red text, e.g.:

\*\*\*\* OR \*\*\*\*

For assistance in the use of products in this section, contact Formulated Materials LLC by calling 844-405-3676 or visit their website at [www.formulatedmaterials.com](http://www.formulatedmaterials.com).

This specification has been prepared based on *SimpleSpecs*™ specification templates. The *SimpleSpecs*™ Master Guide Specification system comprises a full architectural master specification that can be used to specify all project requirements. For additional information on S-Specs products visit the ZeroDocs.com website at www.zerodocs.com.

**SECTION 07 14 16 - COLD FLUID-APPLIED WATERPROOFING**

GENERAL

SUBMITTALS

Action Submittals:

Product Data: Manufacturer’s descriptive data and product attributes for waterproofing.

ADMINISTRATIVE REQUIREMENTS

Retain the following if a pre-installation is required.

Pre-Installation Conference:

Attendance: [Design Professional,] [Owner,] [Contractor,] [Construction Manager,] [Design/Builder,] installer, and related trades.

Review: Project conditions, manufacturer requirements, delivery and storage, staging and sequencing, and protection of completed work.

QUALITY ASSURANCE

Retain the following to specify minimum installer experience.

Installer Qualifications:

Firm specializing in work of this Section with minimum [2] [\_\_] years’ experience.

Approved by waterproofing manufacturer.

Retain the following if a mockup is required.

* + 1. Mockup: Minimum [\_\_ x \_\_] feet. Approved mockup [may] [may not] remain as part of the Work.

WARRANTIES

Warranty period is 5 years except 10 years if Formulated Materials complete system is utilized.

Manufacturer’s [5] [10] year warranty against water leakage through waterproofing system.

PRODUCTS

MANUFACTURERS

Contract Documents are based on products by Formulated Materials LLC. [www.formulatedmaterials.com](http://www.formulatedmaterials.com)

Edit the following to indicate whether substitutions will be allowed for the products specified in this section.

Substitutions: [Refer to Division 01.] [Not permitted.]

MATERIALS

Cold Fluid-Applied Waterproofing:

Product: Elevation L1.

Description: Primerless, low modulus, fast curing, odorless, non-gassing, urethane/polyurea fluid-applied membrane.

Meet ASTM C836.

Hardness: Shore A 30 plus or minus 5, tested to ASTM C661.

Elongation at break: 300 to 400 plus or minus 50 PSI, tested to ASTM D412.

Ultimate elongation: 700 plus or minus 50 percent, tested to ASTM D412.

Volatile organic compound (VOC) content: Meet requirements of SCAQMD Rule 1113.

ACCESSORIES

Retain accessories needed for each specific project. Refer to Formulated Materials LLC technical data for assistance in selecting accessories.

Balcony Embed System: Elevation Balcony Embed; welded steel, factory primed.

Embed Pan: Elevation Embed Pan; ABS construction.

Embed Pan Sealant: Elevation Embed Pan Sealant; single component urethane/polyurea.

T-Bar: Elevation T-Bar; extruded aluminum.

T-Bar Termination Pocket: Elevation TTP; welded aluminum.

Prefabricated Corners: Elevation Combo Corners; [galvanized.] [poly.]

Spacer Shims: Elevation Spacer Shim; EPDM rubber.

Flashings: Metal, specified in Section [\_\_ \_\_ \_\_].

EXECUTION

PREPARATION

* + 1. Perform moisture and substrate strength testing in accordance with waterproofing manufacturer’s instructions.

APPLICATION

Apply waterproofing system in accordance with manufacturer’s instructions and approved Shop Drawing.

FIELD QUALITY CONTROL

Manufacturer will perform field inspection of waterproofing system according to system warranty requirements.

After curing, [temporarily plug drains and flood surfaces with minimum [2] [\_\_] inches of water.] [Flood surfaces with water.]

Inspect surfaces for leaks; repair any encountered.

END OF SECTION