



## Green Building Certification Data

MasterFormat Designations: 07 25 00 – Weather Barriers; 07 27 00 – Air Barriers; 07 27 26 – Fluid-Applied Membrane Air Barrier

March 1, 2019

**RE: Pecora XL-Perm (ULTRA) VP<sup>ULTRA</sup> VP Fluid Applied, Permeable STPU Vapor Retarding Water Resistive Air Barrier**

Pecora Corporation hereby declares the following information for Pecora XL-Perm (ULTRA) VP:

### **LEED® v4 and LEED® 2009:**

**EA Prerequisite, Minimum Energy Performance & EA Credit, Optimize Energy Performance (\*EA Prerequisite 2, Minimum Energy Performance & EA Credit 1, Optimize Energy Performance):**

When installed in exterior wall assemblies in accordance with printed instructions, Pecora XL-Perm (ULTRA) VP, together with XL-Flash, AVB Silicone Sealant, and XL-Span will comply with the continuous air barrier and joint sealing requirements contained in ASHRAE 90.1-2010 (LEED v4) and -2007 (LEED 2009) and, the 50% AEDG (Advanced Energy Design Guide Series).

**MR Credit, Building Product Disclosure and Optimization—Sourcing of Raw Materials, Option 2**

**(\*MR Credit 4.1 and 4.2, Recycled Content):** For the purposes of the LEED Rating System Pecora XL-Perm (ULTRA) VP contains 0% recycled content.

**MR Credit, Building Product Disclosure and Optimization—Sourcing of Raw Materials, Options 1**

**and 2 (\*MR Credit 5.1 and 5.2, Regional Materials):** Pecora XL-Perm (ULTRA) VP is manufactured in Harleysville, PA 19438. Due to the complexity of its raw material supply chain, the point source of Pecora XL-Perm (ULTRA) VP's material ingredients cannot be determined.

**EQ Prerequisite Minimum Indoor Air Quality Performance (\*IEQ Prerequisite 1, Minimum Indoor Air Quality Performance):**

Together with meeting the minimum ventilation rates prescribed by Section 6 of ASHRAE 62.1-2010 (LEED v4) or -2007 (LEED 2009), installing an air barrier assembly consisting of Pecora XL-Perm (ULTRA) VP, XL-Flash, AVB Silicone Sealant, and XL-Span is a design strategy that can limit the introduction of contaminants from potential outdoor sources such as heavy traffic, dense neighborhoods, and/or on-site contamination.

**EQ Credit, Low-Emitting Materials, Options 1 and 2 (\*IEQ Credit 4.1, Low-Emitting Materials—Adhesives & Sealants):**

**VOC Content:** Pecora XL-Perm (ULTRA) VP contains <100 g/L volatile organic compound (VOC) content and complies with the VOC limits of the California Air Resources Board (CARB) Suggested Control Measure (SCM) and with the South Coast Air Quality Management District (SCAQMD) Rule 1113 (effective 6/3/2011) for industrial maintenance coatings.

**VOC Emissions (LEED v4 [including exterior applied products for healthcare and schools projects] and LEED 2009 for Schools):** Pecora XL-Perm (ULTRA) VP has been tested and meets the interior air quality (IAQ) emissions requirements for the classroom, private office, and new single-family residential scenarios of CDPH Standard Method v1.1-2010 (California Specification 01350). After 14 days (336 hours), the total VOC was <2 µg (0.002 mg)/m<sup>3</sup>, well within the lowest of three prescribed TVOC ranges.

'USGBC' and related logo is a trademark owned by the U.S. Green Building Council and is used by permission.





**EQ Credit, Construction Indoor Air Quality Management Plan (\*IEQ Credit 3.1, Construction Indoor Air Quality Management Plan—During Construction):** Due to its water-resistive property, the newly installed and exposed Pecora *XL-Perm (ULTRA) VP* system will, in conjunction with fenestration and other water-resistive building enclosure products, protect absorptive materials that are installed and/or stored within the building envelope from moisture damage

\* LEED 2009 prerequisites, credits, and options

**Green Globes for New Construction, Version 1.50**

**Criterion 3.5.10.1 Air Barriers:** Pecora *XL-Perm (ULTRA) VP* complies with the air permeability and air leakage requirements of ASTM E 2178 and ASTM E 2357, respectively.

**Living Building Challenge<sup>SM</sup> 3.1**

**Imperative 08 Healthy Interior Environment:** Pecora *XL-Perm (ULTRA) VP* complies with the classroom, private office, and new single family residential scenarios of CDPH Standard Method v1.1-2010 (California Specification 01350). When tested, after 14 days (336 hours), the total VOCs was <2 µg (0.002 mg)/m<sup>3</sup>.

**Imperative 10 Red List:** The raw materials making up Pecora *XL-Perm (ULTRA) VP* do not contain any of the chemicals designated as “red list” chemicals.

Should you require additional information, please contact the Technical Services Department at 1-800-523-6688 or [techservices@pecora.com](mailto:techservices@pecora.com).

Sincerely,

Steven T. Lawrey AIA, CSI, CCPR, CCS, CCCA, LEED® AP  
 Building Science Engineer  
 Pecora Corporation

'USGBC' and related logo is a trademark owned by the U.S. Green Building Council and is used by permission.

