



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} *NP Fluid Applied, Non-Permeable STPU Air, Vapor & Water-Resistive Air Barrier Membrane*

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

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) NP*, together with Pecora *XL-Flash*, *AVB Silicone Sealant*, and *XL-Span* may be specified to meet 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) NP* 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) NP* is manufactured in Harleysville, PA 19438. Due to the complexity of its raw material supply chain, the point source of Pecora *XL-Perm*'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) NP*, *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: Having <174 g/L volatile organic compound (VOC) content, Pecora *XL-Perm (ULTRA) NP* complies with the VOC limits of the California Air Resources Board (CARB) Suggested Control Measure (SCM) (maximum 250 g/L) but does not comply with the limits set by South Coast Air Quality Management District (SCAQMD) Rule 1113 (effective 6/3/2011) for industrial maintenance coatings (maximum 100 g/L).

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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) NP* 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) NP* complies with the air permeability and air leakage requirements of ASTM E 2178 and ASTM E 2357, respectively.

Living Building ChallengeSM 3.1

Imperative 10 Red List: The raw materials making up Pecora *XL-Perm (ULTRA) NP* 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.

Sincerely,

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

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