

Overview of LEED requirements for using HPD 1.0

LEED BD+C: New Construction | v4 - LEED v4

Building product disclosure and optimization - material ingredients

Possible 2 points

Credit Intent: "...To reward project teams for selecting products for which the chemical ingredients in the product are inventoried using an accepted methodology and for selecting products verified to minimize the use and generation of harmful substances."

For complete credit requirements, reference materials, interpretations, addenda - see <http://www.usgbc.org/node/2616399?return=/credits>

The credit contains three Options; HPDs can be used to meet requirements of two of these Options – Option 1: Material Ingredient Reporting and Option 2: Material Ingredient Optimization, but not Option 3: Product Manufacturer Supply Chain Optimization. USGBC publishes requirements for credits in the credit language, in the reference guide material for each credit, and in periodic addenda and interpretations. Based on these sources, guidance for using the HPD to meet requirements of both Options follows. *This document presents guidance for meeting the requirements outlined by the U.S. Green Building Council for using HPDs in LEED v4; more detailed requirements for completing HPDs are found in the HPD Open Standard http://hpd-collaborative.org/standard-documents/hpdstandard_v1_0_121215.pdf.*

Option 1: Material ingredient reporting

LEED v4 requirements for the HPD 1.0 are:

- The HPD reports all ingredients down to 0.1% (1,000 ppm) and affirms the level of disclosure with check box(es) under "Residuals disclosure"; these check boxes are used to indicate threshold used for all ingredients, not residuals, for LEED compliance.
- The HPD includes full disclosure of known hazards.
- The HPD reports role/ function, amount, and health hazards for *all* listed ingredients; some ingredients can remain unnamed but role/ function, amount, and hazards must still be reported in compliance with HPD Open Standard.
- The HPD is published and available to public.

Option 2: Material ingredient optimization

In addition to meeting all Option 1 requirements, above, LEED v4 requirements are:

- Ingredients reported down to at least 0.01% (100 ppm)
- No GreenScreen scores of BM-1 or LT-1.