



LEED v4.1 EPD and MIR Option 2 Product Guide

QUARTERLY UPDATE – OCTOBER 2022



October Updates

INTRODUCTION:

There aren't currently a lot of products that comply with BPDO Option 2 optimization requirements. That's why we'll be releasing quarterly updates to keep your teams in the loop when new products hit the market.

Green Badger's product database has around 80 products that comply with EPD option 2 requirements right now, and around 300 products for MIR option 2. This might seem like a lot, but most of those are Sherwin Williams paints for EPD option 2. This is because each sheen of paint counts as a separate product, and Sherwin Williams has a lot of product lines with many different sheens available.

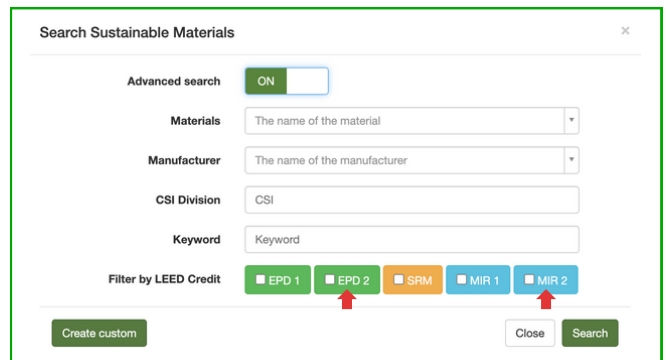
However, if you're trying to achieve Option 2 LEED credits and need one more product that complies to hit your goals, Green Badger's product database is the perfect place to start!

As of October 2022:

- There are 80+ of products that comply with EPD Option 2 and 350+ of products that comply with MIR Option 2 in Green Badger's Product Database

Notes:

Green Badger does not have any product endorsements or agreements with manufactures to suggest these products. This resource is simply to inform project teams of what is current available on the market to earn you these credits.



Green Badger users can now search by LEED BPDO Option 2 credit compliance in our green product and materials database to quickly see which products comply to earn each credit.

EPD Option 2

1 additional point could be achieved for selecting 5 compliant products from 3 different manufacturers. See the following compliant products, whose manufacturers developed the required impact reduction analysis and plans (LEED v4.1 credit substitution):

Life Cycle Impact Reduction Action Plan	value at ½ product
Life Cycle Impact Reductions in Embodied Carbon	value at 1 product
Life Cycle Impact Reductions in Embodied Carbon – 10% reduction global warming potential	value at 1.5 products
Life Cycle Impact Reductions in Embodied Carbon – 20% reduction in global warming potential and 5% reduction 2 other impact categories	value at 2 products

VALUED AT 1/2 PRODUCT

- Sherwin Williams B73W00361 - Pro Industrial Pre-Catalyzed Waterbased Epoxy Eg-Shel EPDAP-110
- Sherwin Williams ConFlex Block Filler EPDAP-105
- Sherwin Williams Preprite Block Filler EPDAP-109
- Sherwin Williams Preprite ProBlock EPDAP-108
- Sherwin Williams ProMar 200 Zero VOC EPDAP-101
- Sherwin Williams Promar HP Zero VOC
- Sherwin Williams ProMar 400 Zero VOC_EPDA-103
- *There are 36 compliant Sherwin Williams products, each counting as ½ product. These would have to be verified and weighted with an achievement of BPDO Materials Ingredients and LEM.*
- Sherwin Williams Emerald
- Sherwin Williams Harmony
- Sherwin Williams Loxon & Masonry Primer
- Sherwin Williams Pro Industrial Water Based Catalyzed Epoxy
- Nora Interface 913.2 mm Resilient Floor Covering (Noraplan Standard 913) (by Dec 2023)
- Nora Interface 3.0 mm LVT (10% by Jan 2023)
- Nora Interface 4.5 mm LVT (aka on Sound Choice Backing) (10% by Dec 2022)

VALUED AT 1 PRODUCT

- AFT Carbon Smart Loose Fill Cellulose Insulation 16% GWP reduction
- 3form Varia Panels

VALUED AT 1.5 PRODUCTS

- Owens Corning Eco Touch Fiberglass Insulation
- Owens Corning EcoTouchPink Fiberglass Batt & Roll Insulation Unfaced and Faced (aka Kraft Faced Insulation, aka Faced Insulation)
- USG Sheetrock Ecosmart Firecode X Panels
- Crossville Porcelain Tile
- USG Sheetrock Ecosmart Panels Firecode X 5/8" Western US
- USG Sheetrock Ecosmart Panels Firecode X 5/8" Eastern US
- Kohler High Cliff Toilet



VALUED AT 2 PRODUCTS

- Interface Modular Carpet Tiles on Glasbac, Nylon 6,6 styles
- Assa Abloy Corbin Russwin IN120 Wifi Electron Access Control Mortise Lock
- Assa Abloy Corbin Russwin CL3300 Series Cylindrical Lock
- Assa Abloy Corbin Russwin ED4000 Mechanical Exit Device
- Assa Abloy Corbin Russwin ML2000 Series Mortise Lock
- Assa Abloy Sargent 8200 Series Mortise Lock
- Assa Abloy Sargent 80 Series Exit (aka Exit 80 Series 56) Device
- Assa Abloy Sargent 10x Line Cylindrical Lock
- Dupont de Nemours Low GWP Syrofoam Brand XPS ST100
- Allegion Von Falcon Motorized Electric Latch Retraction MEL
- Allegion Von Duprin Quiet Electric Latch Retraction QEL
- EF Contract (J & J) Nexus Modular Carpet Tile
- Owens Corning Foamular NGX XPS Insulation
- Owens Corning Foamular 150, 250, 400/600/1000, 404/604, 404\$B/604RB, C-300 NXG Codeboard CW25 Tapered Portfolio Thermapink 25 XPS_350/350 CVI XPS
- Owens Corning Thermafiber Formaldehyde Free Mineral Wool (aka SAFB, aka Thermafiber UltraBatt Mineral Wool Insulation)
- Owens Corning Thermafiber Mineral Wool (aka Firespan 40 and 90)
- J&J Flooring Kinitex Textile Composite Flooring
- 3form Pressed Glass Panels
- 3form Chroma Panels
- Interface Modular Carpet on GlasBac Nylon 66

MIR Option 2

Use products that have a compliant material ingredient optimization report or action plan. Use at least 5 permanently installed products sourced from at least three different manufacturers.

Material Ingredient Screening and Optimization Action Plan	value at ½ product
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Advanced Inventory & Assessment	value at 1 product
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Material Ingredient Optimization	value at 1.5 products
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The following list is not meant to be comprehensive – there are 350+ products in the Green Badger database that comply with MIR Option 2 requirements. The sample below represents some of the more popular products used in Green Badger projects.

VALUED AT 1/2 PRODUCT

- Sherwin Williams PrepRite® Interior/Exterior Block Filler
- Sherwin Williams Emerald® Interior Latex product line

VALUED AT 1 PRODUCT

- Tarkett Rubber Flooring Inertia
- Vitro Architectural Glass, coated/uncoated
- Hilti Firestop CP680; CFS FIL
- International Cellulose K13 Acoustical Thermal Insulation
- Kawneer 1600 Curtain Wall System
- Mecho 5x/7x Shade Systems
- Mecho Ecoveil Shade cloth
- Nucor Bar Mill Group Rebar
- Kawneer 1600 Curtain wall

VALUED AT 1.5 PRODUCTS

- Nora norament grano 926
- SHAW EcoWorx Tile
- SHAW EcoWorx tile
- TARKETT 926 Adhesive
- TARKETT BaseWorks
- Armstrong ultima ceiling system
- Armstrong optima ceiling system
- Prelude xl ceiling system
- Mesa ceiling system
- Benjamin Moore ultra spec 500 series paint
- Benjamin Moore natural no voc paint series
- Bentley mills AFIRMA Hardback Tile
- Forbo Sustain
- Johnsonite Vinyl Wall Base
- Milliken Soltuion Dyded with WellBac ComfortNoraplan Standard 913
- Shaw/Patcraft EcoWorx Carpet Tile and Broadloom
- Tandus Centiva Ethos
- Johnsonite Base works Thermoset Rubber Wall Base
- Tandus Centiva Powerbond Ethos Cushion