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- MRpc79 | Material ingredients product manufacturer supply chain optimization
  - EApc106 | ISO 50002 Energy Audit
  - EApc106 | ISO 50002 Energy Audit
  - EApc107 | Energy performance metering path
  - EApc27 | Reconcile projected and actual energy performance
  - EApc27 | Reconcile projected and actual energy performance
  - EApc3 | Medical and process equipment efficiency
  - EApc3 | Medical and process equipment efficiency
  - EApc38 | Advanced utility tracking
  - EApc56 | Renewable energy - distributed generation
  - EApc56 | Renewable energy - distributed generation
  - EApc59 | Occupant engagement
  - EApc59 | Occupant engagement
  - EApc65 | Monitoring based commissioning
  - EApc66 | Community contaminant prevention - airborne releases
  - EApc66 | Community contaminant prevention - airborne releases
  - EApc66 | Community contaminant prevention - airborne releases
  - EApc67 | Energy Jumpstart
  - EApc67 | Energy Jumpstart
  - EApc71 | Performance of ENERGY STAR for Homes
  - EApc72 | Active solar-ready design
  - EApc73 | HVAC Start-up credentialing
  - EApc73 | HVAC Start-up credentialing
  - EApc8 | Demand response
  - EApc8 | Demand response
  - EApc86 | ISO 50001 for v2009 O+M Projects
  - EApc92 | Advanced Buildings™ New Construction Guide
  - EApc95 | Alternative Energy Performance Metric
  - EApc95 | Alternative Energy Performance Metric
  - EQpc105 | Lead Risk Reduction
  - EQpc105 | Lead Risk Reduction
  - EQpc105 | Lead Risk Reduction
  - EQpc105 | Lead Risk Reduction
  - EQpc21 | Low-emitting interiors
  - EQpc22 | Interior lighting - quality
  - EQpc22 | Interior lighting - quality
  - EQpc24 | Acoustics
  - EQpc44 | Ergonomics approach for computer users
  - EQpc44 | Ergonomics approach for computer users
  - EQpc44 | Ergonomics approach for computer users
  - EQpc44 | Ergonomics approach for computer users
  - EQpc47 | Acoustic comfort
  - EQpc47 | Acoustic comfort
  - EQpc57 | Enhanced acoustical performance - exterior noise control
  - EQpc57 | Enhanced acoustical performance - exterior noise control
  - EQpc68 | Indoor air quality procedure
  - EQpc68 | Indoor air quality procedure
  - EQpc68 | Indoor air quality procedure
  - EQpc74 | No environmental tobacco smoke
  - EQpc78 | Design for active occupants
  - EQpc78 | Design for active occupants
  - EQpc78 | Design for active occupants
  - EQpc85 | Learning Controls for Thermal Comfort
  - EQpc85 | Learning Controls for Thermal Comfort
  - EQpc97 | ETS Control for Projects in Japan
  - GIBpc10 | Sustainable wastewater management
  - IDpc28 | Trades training
  - IDpc60 | Integrative process
  - IDpc60 | Integrative process
  - INpc104 | Performance Score to LEED Certification
  - IPpc100 | Passive Survivability and Functionality During Emergencies
  - IPpc100 | Passive Survivability and Functionality During Emergencies
  - IPpc101 | Integrative Process
  - IPpc101 | Integrative Process
  - IPpc101 | Integrative Process
  - IPpc101 | Integrative Process
  - IPpc108 | Integrative Process for Health Promotion
  - IPpc81 | Green training for contractors, trades, operators and service workers
  - IPpc81 | Green training for contractors, trades, operators and service workers
  - IPpc81 | Green training for contractors, trades, operators and service workers
  - IPpc81 | Green training for contractors, trades, operators and service workers
  - IPpc88 | LEED O+M Starter Kit
  - IPpc88 | LEED O+M Starter Kit
  - IPpc89 | Social equity within the community
  - IPpc89 | Social equity within the community
  - IPpc90 | Social equity within the project team
  - IPpc90 | Social equity within the project team
  - IPpc91 | Social equity within the supply chain
  - IPpc91 | Social equity within the supply chain
  - IPpc93 | Prevention through Design

- IPpc93 | Prevention through Design
- IPpc96 | LEED Lab
- IPpc96 | LEED Lab
- IPpc98 | Assessment and Planning for Resilience
- IPpc98 | Assessment and Planning for Resilience
- IPpc99 | Design for Enhanced Resilience
- IPpc99 | Design for Enhanced Resilience
- LLpc30 | Bicycle Network and Storage
- LLpc9 | Street network
- LTpc70 | Green vehicles
- MRpc102 | Legal Wood
- MRpc102 | Legal Wood
- MRpc102 | Legal Wood
- MRpc102 | Legal Wood
- MRpc102 | Legal Wood
- MRpc103 | Integrative Analysis of Building Materials
- MRpc103 | Integrative Analysis of Building Materials
- MRpc109 | Building Material Human Hazard & Exposure Assessment
- MRpc34 | Design for adaptability
- MRpc34 | Design for adaptability
- MRpc52 | Material multi-attribute assessment
- MRpc52 | Material multi-attribute assessment
- MRpc53 | Responsible sourcing of raw materials
- MRpc53 | Responsible sourcing of raw materials
- MRpc54 | Avoidance of chemicals of concern
- MRpc54 | Avoidance of chemicals of concern
- MRpc61 | Material disclosure and assessment
- MRpc62 | Disclosure of chemicals of concern
- MRpc63 | Whole building life cycle assessment
- MRpc69 | Construction and demolition waste management
- MRpc76 | Material ingredient reporting
- MRpc76 | Material ingredient reporting
- MRpc77 | Material ingredient optimization
- MRpc77 | Material ingredient optimization
- MRpc79 | Material ingredients product manufacturer supply chain optimization
- MRpc79 | Material ingredients product manufacturer supply chain optimization
- MRpc79 | Material ingredients product manufacturer supply chain optimization
- MRpc80 | Environmentally preferable interior finishes and furnishings
- MRpc80 | Environmentally preferable interior finishes and furnishings
- MRpc84 | v4 MR credit category for v2009 projects
- MRpc87 | Verified Construction & Demolition Recycling Rates
- MRpc87 | Verified Construction & Demolition Recycling Rates
- MRpc87 | Verified Construction & Demolition Recycling Rates
- SSpc14 | Walkable project site
- SSpc14 | Walkable project site
- SSpc16 | Rainwater management
- SSpc16 | Rainwater management
- SSpc45 | Site assessment
- SSpc55 | Bird collision deterrence
- SSpc55 | Bird collision deterrence
- SSpc55 | Bird collision deterrence
- SSpc55 | Bird collision deterrence
- SSpc64 | Site improvement plan
- SSpc7 | Light pollution reduction
- SSpc7 | Light pollution reduction
- SSpc75 | Clean construction
- SSpc75 | Clean construction
- SSpc75 | Clean construction
- SSpc82 | Local food production
- SSpc82 | Local food production
- SSpc82 | Local food production
- SSpc82 | Local food production
- SSpc83 | Site development - protect or restore habitat - alternative compliance path
- SSpc83 | Offsite Financial Support for Habitat Protection
- SSpc83 | Offsite Financial Support for Habitat Protection
- SSpc83 | Offsite Financial Support for Habitat Protection
- WEpc10 | Sustainable wastewater management
- WEpc10 | Sustainable wastewater management
- WEpc17 | Cooling tower water use
- WEpc17 | Cooling tower water use
- WEpc18 | Appliance and process water use reduction
- WEpc18 | Appliance and process water use reduction
- WEpc18 | Appliance and process water use reduction
- WEpc32 | WaterSense for new homes
- WEpc32 | WaterSense for new homes
- WEpc94 | No Cooling Tower
- WEpc94 | No Cooling Tower
- WEpc94 | No Cooling Tower

Our "watch" feature allows you to stay current on all aspects of this specific credit. In your account, you can control what you get updated on and how you receive your notifications. Hide

LEED BD+C: New Construction | v3 - LEED 2009

Material ingredients product manufacturer supply chain optimization

MRpc79 | Possible 1 point

1 result in**All** .

- Glossary

Intent

This is a pilot credit. To use any pilot credit on your LEED project, be sure to register here. Documentation requirements and additional questions are listed below.

To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. 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. To reward raw material manufacturers who produce products verified to have improved life-cycle impacts.

Requirements

Product Manufacturer Supply Chain Optimization (1 point)

Project Team: Use building products that are sourced from product manufacturers who procure raw materials from suppliers meeting criteria below for at least 25%, by cost, of the total value of permanently installed products in the project.

Manufacturers: Engage in validated and robust safety, health, hazard, and risk programs. Document at least 99% by weight of the ingredients used to make the building product or building material are sourced from companies with independent third party verification of the following along the manufacturer supply chain:

- Processes are in place to communicate and transparently prioritize chemical ingredients along the supply chain according to available hazard, exposure and use information to identify those that require more detailed evaluation
- Processes are in place to identify, document, and communicate information on health, safety and environmental characteristics of chemical ingredients
- Processes are in place to implement measures to manage the health, safety and environmental hazard and risk of chemical ingredients
- Processes are in place to optimize health, safety and environmental impacts when designing and improving chemical ingredients
- Processes are in place to communicate, receive and evaluate chemical ingredient safety and stewardship information along the supply chain
- Safety and stewardship information about the chemical ingredients is publicly available from all points along the supply chain

For credit achievement calculation, products sourced (extracted, manufactured, and purchased) within 100 miles (160 km) of the project site are valued at 200% of their base contributing cost. For credit achievement calculation, the base contributing cost of individual products compliant with multiple responsible extraction criteria is not permitted to exceed 100% its total actual cost (before regional multipliers) and double counting of single product components compliant with multiple responsible extraction criteria is not permitted and in no case is a product permitted to contribute more than 200% of its total actual cost.

Structure and enclosure materials may not constitute more than 30% of the value of compliant building products.

General Pilot Documentation Requirements

Register for the pilot credit

- Participate in the LEEDuser pilot credit forum
- Complete the feedback survey:

Credits 1-14

Credits 15-27

Credits 28-42

Credits 43-56

Credits 57-67

Credits 68-82

Credits 83-103

Additional questions

1. Did your project use the actual or default materials cost to determine the total materials cost?
2. How did your team determine or estimate the actual materials cost? What method was used?
3. Where there any challenges in determining the total materials cost? What were they?
4. If applicable, how would using the actual materials cost verses the default materials cost have effected credit achievement?