

LEED Credit Product Checklist for Lyons Manufacturing Products

Overview

Products can contribute to LEED Certification points based on the way they are used, their recycled content, VOC amounts and other factors. But a product by itself is not LEED Certified.

Our Products can contribute LEED Points to a project depending on their usage. It is up to the Owner/Architect/General Contractor to plan, design and use products in a way that fits the USGBC definitions for LEED Credits. Despite marketing hype, in concrete repair and restoration materials, recycled content will usually not be a major contributor to a LEED rating for a project.

Use of our cementitious products can contribute to other LEED Credits like any concrete material. These can include Heat Island Effect, Minimum Energy Performance, Optimize Energy Performance, ... in general if the Project is applying for these types of LEED Credits using concrete, using our products can add to that.

The checklist that follows provides information on the LEED Credits to which our products can contribute.

LEED Credit Product Checklist for Lyons Manufacturing Products

PAVECRETE®

Existing Building Restoration or Rehab

MR credit 1.1 and 1.2 – Maintain Existing Wall

PAVECRETE can be used to refinish an existing wall face thereby reducing the waste and impacts of restoration.

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas, Texas PAVECRETE should be considered a 91% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

PAVECRETE has 0 VOC emissions when used as an interior wall finish.

SS Credit 7.1 and 7.2 – Heat Island Effect.

White PAVECRETE can add a very high Solar Reflective Index (SRI) to a wall further mitigating heat buildup for the project.

New Construction

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas, Texas PAVECRETE should be considered a 91% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

PAVECRETE has 0 VOC emissions when used as an interior wall finish.

SS Credit 7.1 and 7.2 – Heat Island Effect.

White PAVECRETE can add a very high Solar Reflective Index (SRI) to a wall further mitigating heat buildup for the project.

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PAVECRETE PLUS[®]

Existing Building Restoration or Rehab

MR Credit 1.1 and 1.2 – Maintain Existing Wall or Floor

PAVECRETE PLUS can be used to refinish an existing wall face or floor thereby reducing the waste and impacts of restoration.

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas, Texas, PAVECRETE PLUS should be considered a 64% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

PAVECRETE PLUS has 0 VOC emissions when used as an interior wall or floor finish.

SS Credit 7.1 and 7.2 – Heat Island Effect.

PAVECRETE PLUS used exterior to maintain existing concrete sidewalks can be used like concrete to reduce the asphalt surface of the project.

New Construction

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas, Texas, PAVECRETE PLUS should be considered a 64% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

PAVECRETE PLUS has 0 VOC emissions when used as an interior wall or floor finish.

SS Credit 7.1 and 7.2 – Heat Island Effect.

PAVECRETE PLUS used exterior to maintain existing concrete sidewalks can be used like concrete to reduce the asphalt surface of the project.

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PATCHCRETE[®]

Existing Building Restoration or Rehab

MR Credit 1.1 and 1.2 – Maintain Existing Wall or Floor

PATCHCRETE can be used to refinish an existing wall face or floor thereby reducing the waste and impacts of restoration.

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas, Texas, PATCHCRETE should be considered a 92% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

PATCHCRETE has VOC emissions of less than .24 g/l when used as an interior wall or floor finish.

SS Credit 7.1 and 7.2 – Heat Island Effect.

PATCHCRETE used exterior to maintain existing concrete sidewalks can be used like concrete to reduce the asphalt surface of the project. White PATCHCRETE can add a very high Solar Reflective Index (SRI) to a project again further mitigating heat buildup.

EA Prerequisite and Credit 1

PATCHCRETE will match the thermal mass of existing concrete walls and floors when analyzing energy costs for design and optimization.

New Construction

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas, Texas, PATCHCRETE should be considered a 92% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

PATCHCRETE has VOC emissions of less than .24 g/l when used as an interior wall or floor finish.

SS Credit 7.1 and 7.2 – Heat Island Effect.

PATCHCRETE used exterior to maintain existing concrete sidewalks can be used like concrete to reduce the asphalt surface of the project. White PATCHCRETE can add a very high Solar Reflective Index (SRI) to a project again further mitigating heat buildup.

EA Prerequisite and Credit 1

PATCHCRETE will match the thermal mass of existing concrete walls and floors when analyzing energy costs for design and optimization.

If there are questions on our products and LEED credits please contact the factory at 214-381-8100.

Document Date: February 2, 2010

V3.0

LEED Credit Product Checklist for Lyons Manufacturing Products

POWER-CRETE®

Existing Building Restoration or Rehab

MR Credit 1.1 and 1.2 – Maintain existing Wall or Floor.

POWER-CRETE can be used to repair an existing wall or floor thereby reducing the waste and impacts of restoration.

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, POWER-CRETE should be considered a 100% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

POWER-CRETE has 0 VOC emissions when used as an interior repair material. P-100 Primer used with POWER-CRETE has less the 2.34 g/l VOC emissions

SS Credit 7.1 and 7.2 – Heat Island Effect.

POWER-CRETE used exterior to maintain existing concrete sidewalks can be used like concrete to reduce the asphalt surface of the project.

EA Prerequisite and Credit 1

POWER-CRETE will match the thermal mass of existing concrete walls and floors when analyzing energy costs for design and optimization.

New Construction

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, POWER-CRETE should be considered a 100% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

POWER-CRETE has 0 VOC emissions when used as an interior repair material. P-100 Primer used with POWER-CRETE has less the 2.34 g/l VOC emissions

SS Credit 7.1 and 7.2 – Heat Island Effect.

POWER-CRETE used exterior to maintain existing concrete sidewalks can be used like concrete to reduce the asphalt surface of the project.

EA Prerequisite and Credit 1

POWER-CRETE will match the thermal mass of existing concrete walls and floors when analyzing energy costs for design and optimization.

If there are questions on our products and LEED credits please contact the factory at 214-381-8100.

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SUPER FLOWCRETE®

Existing Building Restoration or Rehab

Mr Credit 1.1 and 1.2 – Maintain Existing Floor

SUPER FLOWCRETE can be used to repair an existing floor thereby reducing the waste and impacts of restoration.

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, SUPER FLOWCRETE should be considered a 74% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

SUPER FLOWCRETE has 0 VOC emissions when used as an interior repair material. P-100 Primer used with SUPER FLOWCRETE has less than 2.34 g/l VOC emissions.

EA Prerequisite and Credit 1

SUPER FLOWCRETE will match the thermal mass of existing concrete floors when analyzing energy costs for design and optimization.

New Construction

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, SUPER FLOWCRETE should be considered a 74% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

SUPER FLOWCRETE has 0 VOC emissions when used as an interior repair material. P-100 Primer used with SUPER FLOWCRETE has less than 2.34 g/l VOC emissions.

EA Prerequisite and Credit 1

SUPER FLOWCRETE will match the thermal mass of existing concrete floors when analyzing energy costs for design and optimization.

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FINISHCRETE®

Existing Building Restoration or Rehab

MR Credit 1.1 and 1.2 – Maintain Existing Walls or Floor

FINISHCRETE can be used to refinish an existing walls or floor thereby reducing the waste and impacts of restoration.

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, FINISHCRETE should be considered a 65% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

FINISHCRETE has 0 VOC emissions when used as an interior wall or floor finish.

SS Credit 7.1 and 7.2 – Heat Island Effect.

FINISHCRETE used exterior to maintain existing concrete sidewalks can be used like concrete to reduce the asphalt surface of the project.

New Construction

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, FINISHCRETE should be considered a 65% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

FINISHCRETE has 0 VOC emissions when used as an interior wall or floor finish.

SS Credit 7.1 and 7.2 – Heat Island Effect.

FINISHCRETE used exterior to maintain existing concrete sidewalks can be used like concrete to reduce the asphalt surface of the project.

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FLOW-ROCK[®]

Existing Building Restoration or Rehab

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, FLOW-ROCK should be considered a 100% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

FLOW-ROCK has 0 VOC emissions when used as an interior anchoring cement or non-shrink grout.

New Construction

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, FLOW-ROCK should be considered a 100% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

FLOW-ROCK has 0 VOC emissions when used as an interior anchoring cement or non-shrink grout.

LEED Credit Product Checklist for Lyons Manufacturing Products

SUPER FLOW-ROCK®

Existing Building Restoration or Rehab

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, SUPER FLOW-ROCK should be considered a 100% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

SUPER FLOW-ROCK has 0 VOC emissions when used as an interior anchoring cement or non-shrink grout.

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New Construction

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, SUPER FLOW-ROCK should be considered a 100% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

SUPER FLOW-ROCK has 0 VOC emissions when used as an interior anchoring cement or non-shrink grout.

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PLUG-CRETE®

Existing Building Restoration or Rehab

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, PLUG-CRETE should be considered a 100% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

PLUG-CRETE has 0 VOC emissions when used as an interior hydraulic cement.

New Construction

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, PLUG-CRETE should be considered a 100% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

PLUG-CRETE has 0 VOC emissions when used as an interior hydraulic cement.

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CAST-PATCH[®]

Existing Building Restoration or Rehab

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, CAST-PATCH should be considered a 91% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

CAST-PATCH has 0 VOC emissions when used as an interior repair mortar.

New Construction

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, CAST-PATCH should be considered a 91% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

CAST-PATCH has 0 VOC emissions when used as an interior repair mortar.

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LYONS PREMIUM NON-SHRINK GROUT

Existing Building Restoration or Rehab

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, LYONS PREMIUM NON-SHRINK GROUT should be considered a 94% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

LYONS PREMIUM NON-SHRINK GROUT has 0 VOC emissions when used for interior grouting applications.

New Construction

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, LYONS PREMIUM NON-SHRINK GROUT should be considered a 94% Regional Material.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

LYONS PREMIUM NON-SHRINK GROUT has 0 VOC emissions when used for interior grouting applications.

LEED Credit Product Checklist for Lyons Manufacturing Products

ACRYLIC-BOND

Existing Building Restoration or Rehab

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, ACRYLIC-BOND should be considered a 39% Regional Material. Properly reported most liquid bonding agents are only going to be limited regional materials. In addition to the bonding agent manufacturer having to be regional the resin manufacturer would also need to be local.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

ACRYLIC-BOND has a maximum VOC emission of .36 g/l when used as an interior surface bonder. When used as integral admixture the emissions will be less.

New Construction

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, ACRYLIC-BOND should be considered a 39% Regional Material. Properly reported most liquid bonding agents are only going to be limited regional materials. In addition to the bonding agent manufacturer having to be regional the resin manufacturer would also need to be local.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

ACRYLIC-BOND has a maximum VOC emission of .36 g/l when used as an interior surface bonder. When used as integral admixture the emissions will be less.

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BONDALL

Existing Building Restoration or Rehab

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, BONDALL should be considered a 38% Regional Material. Properly reported most liquid bonding agents are only going to be limited regional materials. In addition to the bonding agent manufacturer having to be regional the resin manufacturer would also need to be local.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

BONDALL has a maximum VOC emission of 3.38 g/l when used as an interior surface bonder. When used as integral admixture the emissions will be less.

New Construction

MR Credit 5.1 and 5.2 – Regional Materials

For Projects within 500 miles of Dallas Texas, BONDALL should be considered a 38% Regional Material. Properly reported most liquid bonding agents are only going to be limited regional materials. In addition to the bonding agent manufacturer having to be regional the resin manufacturer would also need to be local.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

BONDALL has a maximum VOC emission of 3.38 g/l when used as an interior surface bonder. When used as integral admixture the emissions will be less.

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P-100 PRIMER

Existing Building Restoration or Rehab

MR Credit 5.1 and 5.2 – Regional Materials

P-100 PRIMER is not a Regional Material. Properly reported most liquid bonding agents are only going to be limited regional materials. In addition to the bonding agent manufacturer having to be regional the resin manufacturer would also need to be local.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

P-100 PRIMER has a maximum VOC emission of 2.34 g/l when used as an interior surface bonder. When used as integral admixture the emissions will be less.

New Construction

MR Credit 5.1 and 5.2 – Regional Materials

P-100 PRIMER is not a Regional Material. Properly reported most liquid bonding agents are only going to be limited regional materials. In addition to the bonding agent manufacturer having to be regional the resin manufacturer would also need to be local.

IEQ Credit 4.1 and 4.2 – Indoor Low Emitting Materials

P-100 PRIMER has a maximum VOC emission of 2.34 g/l when used as an interior surface bonder. When used as integral admixture the emissions will be less