



Since 1989 NewLook International, Inc. has been at the forefront of eco-friendly, high quality surface product solutions. Many of these products may help construction projects earn LEED points. Below is a description of *the LEED credit from LEED for New Construction Rating System v2.2* and some of NewLook's products that meet the requirements.

#### **EQ Credit 4.2: Low-Emitting Materials: Paints & Coatings**

1 Point

#### **Intent**

Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.

#### **Requirements**

Paints and coatings used on the interior of the building (defined as inside of the weatherproofing system and applied on-site) shall comply with the following criteria:

- Architectural paints, coatings and primers applied to interior walls and ceilings: Do not exceed the VOC content limits established in Green Seal Standard GS-11, Paints, First Edition, May 20, 1993.
  - Flats: 50 g/L
  - Non-Flats: 150 g/L
- Anti-corrosive and anti-rust paints applied to interior ferrous metal substrates: Do not exceed the VOC content limit of 250 g/L established in Green Seal Standard GC-03, Anti-Corrosive Paints, Second Edition, January 7, 1997.
- Clear wood finishes, floor coatings, stains, and shellacs applied to interior elements: Do not exceed the VOC content limits established in South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, rules in effect on January 1, 2004.
  - Clear wood finishes: Varnish 350 g/L; Lacquer 550 g/L
  - Floor coatings: 100 g/L
  - Sealers: Waterproofing sealers 250 g/L; sanding sealers 275 g/L; all other sealers 200 g/L
  - Shellacs: Clear 730 g/L; Pigmented 550 g/L
  - Stains: 250 g/L

## Potential Technologies & Strategies

Specify low-VOC paints and coatings in construction documents. Ensure that VOC limits are clearly stated in each section of the specifications where paints and coatings are addressed. Track the VOC content of all interior paints and coatings during construction.

### NewLook products that help satisfy requirements of Section 4.2:

- NewLook ORIGINAL Solid Color Stain - (<50 g/L concrete stain)
- NewLook Translucent and Designer Series Enhancers - (<50 g/L concrete stain)
- SmartColor - (<100 g/L concrete stain)
- SmartSeal WB Nano-Acrylic Sealer - (<100 g/L clear concrete sealer)
- SmartSeal AU Nano-Acrylic Urethane Sealer - (<100 g/L clear concrete sealer)
- WallStain - (<100 g/L concrete stain)
- NanoSet Densifier Li – (Zero VOC penetrating concrete sealer)
- NanoSet Densifier NS - (Zero VOC Penetrating Concrete Sealer)
- DriveHard - (Zero VOC penetrating concrete sealer and water repellent)
- DriveHard PRO - (Zero VOC penetrating concrete sealer and repellent)
- NanoSet Protector - (<100 g/L clear concrete sealer)
- NewLook PermiPlate OIS - (Zero VOC floor coating)
- NewLook 100% Epoxy - (Zero VOC floor coating)
- ProteShield - (< 50 g/L VOC waterproofing sealer – breathable)
- NewDeck - (<100 g/L VOC wood stain and sealer – all in one)

## **SS Credit 7.1: Heat Island Effect: Non-Roof**

1 Point

### Intent

Reduce heat islands (thermal gradient differences between developed and undeveloped areas) to minimize impact on microclimate and human and wildlife habitat.

### Requirements

#### OPTION 1

Provide any combination of the following strategies for 50% of the site hardscape (including roads, sidewalks, courtyards and parking lots):

- Shade (within 5 years of occupancy)
- Paving materials with a Solar Reflectance Index (SRI) of at least 29
- Open grid pavement system

OR

#### OPTION 2

Place a minimum of 50% of parking spaces under cover (defined as under ground, under deck, under roof, or under a building). Any roof used to shade or cover parking must have an SRI of at least 29.

### **Potential Technologies & Strategies**

Shade constructed surfaces on the site with landscape features and utilize high-reflectance materials for hardscape.

Consider replacing constructed surfaces (i.e. roof, roads, sidewalks, etc.) with vegetated surfaces such as vegetated roofs and open grid paving or specify high-albedo materials to reduce the heat absorption.

### **NewLook products that help satisfy requirements of Section 7.1:**

- NewLook CoolStain PRO – Credit 7.1. (All standard colors meet or exceed a solar reflective index (SRI) above 29)
- NewDeck With CoolStain Technology - (All standard colors meet or exceed a solar reflective index (SRI) above 29)

\* Note: NewLook ORIGINAL Solid Color Stain and WallStain Solid may also apply (many lighter colors also meet the SRI requirements).

## **MR Credit 1.1: Building Reuse: Maintain 75% of Existing Walls, Floors & Roof**

1 Point

### **Intent**

Extend the life cycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport.

### **Requirements**

Maintain at least 75% (based on surface area) of existing building structure (including structural floor and roof decking) and envelope (exterior skin and framing, excluding window assemblies and non-structural roofing material). Hazardous materials that are remediated as a part of the project scope shall be excluded from the calculation of the percentage maintained. If the project includes an addition to an existing building, this credit is not applicable if the square footage of the addition is more than 2 times the square footage of the existing building.

### **Potential Technologies & Strategies**

Consider reuse of existing, previously occupied buildings, including structure, envelope and elements. Remove elements that pose contamination risk to building occupants and upgrade components that would improve energy and water efficiency such as windows, mechanical systems and plumbing fixtures.

**MR Credit 1.2: Building Reuse: Maintain 95% of Existing Walls, Floors & Roof**

1 Point in addition to MR Credit 1.1

**Intent**

Extend the life cycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport.

**Requirements**

Maintain an additional 20% (95% total, based on surface area) of existing building structure (including structural floor and roof decking) and envelope (exterior skin and framing, excluding window assemblies and non-structural roofing material). Hazardous materials that are re-mediated as a part of the project scope shall be excluded from the calculation of the percentage maintained. If the project includes an addition to an existing building, this credit is not applicable if the square footage of the addition is more than 2 times the square footage of the existing building.

**Potential Technologies & Strategies**

Consider reuse of existing buildings, including structure, envelope and elements. Remove elements that pose contamination risk to building occupants and upgrade components that would improve energy and water efficiency such as windows, mechanical systems and plumbing fixtures.

**MR Credit 1.3: Building Reuse: Maintain 50% of Interior Non-Structural Elements**

1 Point

**Intent**

Extend the life cycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport.

**Requirements**

Use existing interior non-structural elements (interior walls, doors, floor coverings and ceiling systems) in at least 50% (by area) of the completed building (including additions). If the project includes an addition to an existing building, this credit is not applicable if the square footage of the addition is more than 2 times the square footage of the existing building.

**Potential Technologies & Strategies**

Consider reuse of existing buildings, including structure, envelope and interior non-structural elements. Remove elements that pose contamination risk to building occupants and upgrade components that would improve energy and water efficiency, such as mechanical systems and plumbing fixtures. Quantify the extent of building reuse.

### **NewLook products that help satisfy requirements of Section 7.1**

The renewing of pre-existing concrete surfaces through the polishing and staining process is a very earth friendly approach to keep tired or old surfaces in service instead of tearing out and replacing.

NanoSet Polishing System:

- NanoSet Densifier Li – (Penetrating Concrete Hardener and Sealer to restore surface)
- NanoSet Densifier NS - (Penetrating Concrete Hardener and Sealer to restore surface)
- NanoSet Protector – (Protective Sealer used to protect restored surface)
- NanoSet Cleaner – (Concentrated water-based neutral pH cleaner used in the restoration and maintenance process)

Other products:

- DriveHard - (Penetrating Concrete Hardener and Sealer to restore surface with added repellency)
- DriveHard Pro - (Penetrating Concrete Hardener and Sealer to restore surface with added repellency)
- NewLook solid stains, including WallStain Solid and CoolStain PRO and NewDeck with CoolStain. These products are used to renew faded, old concrete or wood surfaces and keeps them in service instead of tearing out.