



Submittal Information for Green Building Projects

For the Crete Colors product described, this document and referenced materials provide all relevant submittal information needed for LEED 2009 and LEED v4.

This information also supports documentation for other green building programs that cover indoor environmental quality (page 1) and sustainable materials (page 2).

OVERVIEW

Product:

C2 Hard™

Description:

C2 Hard™ is the advanced economical, hardener and densifier for concrete surfaces and a much more effective alternative to conventional sodium or potassium silicate hardeners.

CSI MasterFormat (2014) Division:

03 30 00, 03 35 00, 03 35 19

INDOOR ENVIRONMENTAL QUALITY: LOW-EMITTING MATERIALS

VOC EMISSIONS (Only relevant for products used in building interior*)

Crete Colors uses SCS Indoor Advantage Gold certification to demonstrate compliance in accordance with California Department of Public Health (CDPH) Standard Method v1.1-2010 using the applicable exposure scenario. SCS Indoor Advantage Gold also ensures that the additional requirements of LEEDv4 for low emitting materials are met.

CDPH Standard Method v1.1-2010 compliant:

Yes

The range of total VOCs after 14 days (336 hours) as measured in CDPH Standard Method v1.1-2010:

0.5 – 5.0 mg/m³

VOC CONTENT (Relevant for all wet applied products)

Manufacturer assurance of product compliance with VOC content limits according to CARB (2007) for architectural coatings is accepted for use on all LEED projects for product categories relevant to Crete Colors products: Interior paints and coatings.

VOC content of product (g/L):

0 g/L

California Air Resources Board (CARB) 2007 compliant:

Yes

CARB product category:

Concrete/Masonry Sealers

VOC limit for that category (g/L):

100 g/L

**The building interior is defined (as per LEEDv4) as everything within the weatherproofing membrane.*



MATERIALS & RESOURCES: BUILDING PRODUCT DISCLOSURE & OPTIMIZATION

MATERIAL INGREDIENT REPORTING:

If Crete Colors has completed a Health Product Declaration (HPD) or Declare label for this product, inventoried to at least 0.1% (1,000 ppm), it will be listed below:

MATERIAL INGREDIENT OPTIMIZATION:

This product has met material ingredient optimization requirements for LEEDv4 and/or Living Building Challenge 3.0, or optimization criteria of other programs using the following measures:

LEED v4: GreenScreen v1.2 Benchmark: Product has fully inventoried chemical ingredients to 0.01% (100 ppm) and no ingredients have Benchmark 1 hazards as defined by the Green Screen List Translator.

No

LBC 3.0: Product is Red List Free (best) or Living Building Challenge 3.0 Compliant.

Red List Free

ENVIRONMENTAL PRODUCT DECLARATION (EPD):

None currently available.

RAW MATERIAL SOURCING:

Recycled content and rapidly renewable or bio-based materials:

Crete Colors products are manufactured with 0% pre- or post-consumer recycled materials content and 0% rapidly renewable, bio-based or wood materials content.

Programs and reports:

Crete Colors does not have an Extended Producer Responsibility (EPR) product take-back program.

Crete Colors does not have a Corporate Sustainability Report (CSR) with publicly released report from raw material suppliers.

Extraction location:

Crete Colors is not generally able to provide extraction location of raw materials. When available, extraction location will be provided on the product's Declare label.

MANUFACTURING LOCATION

This product is manufactured in:

Lawrence, KS

ADDITIONAL INFORMATION

Supporting documentation is available at www.CreteColors.com

More information on LEED requirements can be found in the LEEDv4 Reference Guide.

<http://www.usgbc.org/credits>