

**LEED 09 BD&C Building Design and Construction (NC,CS)
LEED 09 ID & C Interior Design & Construction (CI)
TABLE 1. IEQc4.2 Applicable VOC Limits *10/1/2013
Indoor Environmental Quality Credit Category 4.2, Paints and Coatings**

updated 3/18/15

TABLE 1. IEQc4.2 Applicable VOC Limits 10/1/2013 Product Type	Referenced Standard‡	VOC Limit (g/L minus water)
Interior Flat Coating	Green Seal GS-11, 1993	50
Interior Non-Flat Coating	Green Seal GS-11, 1993	150
Anti-Corrosive/ Anti-Rust Paint	Green Seal GC-03, 2nd Edition, 1997	250
Clear Wood Finish: Lacquer	SCAQMD Rule 1113, 2004	550
Clear Wood Finish: Sanding Sealer	SCAQMD Rule 1113, 2004	350
Clear Wood Finish: Varnish	SCAQMD Rule 1113, 2004	350
Clear Brushing Lacquer	SCAQMD Rule 1113, 2004	680
Floor Coatings	SCAQMD Rule 1113, 2004	100
Primers, Sealers and Undercoaters	SCAQMD Rule 1113, 2004	200
Shellac: Clear	SCAQMD Rule 1113, 2004	730
Shellac: Pigmented	SCAQMD Rule 1113, 2004	550
Stain	SCAQMD Rule 1113, 2004	250
Concrete Curing Compounds	SCAQMD Rule 1113, 2004	350
Japans/ Faux Finishing Coatings	SCAQMD Rule 1113, 2004	350
Magnesite Cement Coatings	SCAQMD Rule 1113, 2004	450
Pigmented Lacquer	SCAQMD Rule 1113, 2004	550
Waterproofing Sealers	SCAQMD Rule 1113, 2004	250
Waterproofing Concrete/ Masonry Sealers	SCAQMD Rule 1113, 2004	400
Wood Preservatives	SCAQMD Rule 1113, 2004	350
Low-Solids Coatings	SCAQMD Rule 1113, 2004	120^

^ Note: VOC levels for Low-Solids Coatings are measured in grams of VOC per liter of material, including water.

IEQ Credit 4.2: Per USGBC: •Architectural paints and coatings applied to interior walls and ceilings must not exceed the volatile organic compound (VOC) content limits established in Green Seal Standard GS-11, Paints, 1st Edition, May 20, 1993. •Anti-corrosive and anti-rust paints applied to interior ferrous metal substrates must not exceed the VOC content limit of 250 g/L established in Green Seal Standard GC-03, Anti-Corrosive Paints, 2nd Edition, January 7, 1997. •Clear wood finishes, floor coatings, stains, **primer**, sealers and shellacs applied to interior elements must 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. ‡ **Unless more stringent local limits apply.**

*** Addenda dated 10/1/2013 Table 1. IEQc4.2 Applicable VOC Limits now states: Interior Flat Coating follow Green Seal GS-11, 1993: 50 g/L. Interior Non-Flat Coating follow Green Seal GS-11,1993: 150 g/L. Primers are no longer classified as part of GS-11, they are grouped with sealers and undercoaters in accordance to SCAQMD Rule 1113, 2004.**

For more information visit USGBC's website for this addendum: <http://www.usgbc.org/sites/default/files/BDC%20IDC%20IEQc4.2%20Table%201.pdf>
<http://www.usgbc.org/resources/ieqc42-table-1-applicable-voc-limits>

Also, as part of this credit, USGBC ruled on ID#10295 of the Corrections + Interpretations Database: Prerequisite/Credit: EQc4.2 - Low-emitting materials - paints and coatings Rating System: LEED BD+C: New Construction, LEED ID+C: Commercial Interiors, LEED BD+C: Core and Shell, LEED BD+C: Retail, LEED ID+C: Retail

Inquiry:

“Can the VOC limits of the California Air Resources Board (CARB) 2007, Suggested Control Measure (SCM) for Architectural Coatings be used to meet the credit requirements for paints and coatings used on the interior of the building as an alternative to the VOC limits in Green Seal GS-11 1993, Green Seal GC 03 2nd Edition 1997, and SCAQMD Rule 1113 2004?”

Ruling:

“Yes, paints and coatings that comply with the California Air Resources Board (CARB) 2007, Suggested Control Measure (SCM) for Architectural Coatings meet the requirements of this credit.”

for more information please visit: <http://www.usgbc.org/leed-interpretations?keys=10295>

For the official guidance on CARB rules please visit USGBC's website : <http://www.usgbc.org/node/1732511?view=resources>