

Please find below suggested revisions to the the proposed changes to “BSC 03/09 - California Green Building Standards Code, Part 11, Title 24” for the 15-day comment period from between December 1, 2009 and December 16, 2009. The suggested text revisions are provided in red, with additions indicated by a double underline are and deletions indicated with strikethrough. Also provided for each section is a brief description of the recommendation with rationale.

**5.504.4.3 Paints and coatings.** Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 804.4.2 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3, shall be determined by classifying the coating as a Flat, Nonflat, or Nonflat-High Gloss coating, based on its gloss, as defined in subsections 4.21, 4.36, and 4.37 of the 2007 California Air Resources Board, Suggested Control Measure, and the corresponding Flat, Nonflat, or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply. Alternatively, architectural paints and coatings shall comply with the VOC-emission limits defined in the 2009 Collaborative for High Performance Schools (CHPS) criteria and listed on its Low-emitting Materials List or certified under the GREENGUARD Children & Schools (GG C&S) certification program.

Documentation shall be provided that verifies that finish materials are certified to meet the pollutant emission limits.

Note: Products certified under the GG C&S program may be found at <http://www.greenguard.org/Default.aspx?tabid=135>.

**Recommendation and Rationale:**

Provide an option for low-emitting paints and coatings to address the impact on the indoor environment, the apparent intent of these sections of the CA Green Building Standards Code.

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**5.504.4.6 Resilient flooring systems.** For 50% of floor area receiving resilient flooring, install resilient flooring complying with the VOC-emission limits defined in the 2009 Collaborative for High Performance Schools (CHPS) criteria and listed on its Low-emitting Materials List or certified under the Resilient Floor Covering Institute (RFCI) FloorScore program or the GREENGUARD Children & Schools (GG C&S) certification program.

Documentation shall be provided that verifies that finish materials are certified to meet the pollutant emission limits.

Note: Products certified under the FloorScore program may be found at: [http://www.rfci.com/int\\_FS-ProdCert.htm](http://www.rfci.com/int_FS-ProdCert.htm) and products certified under the GG C&S program may be found at <http://www.greenguard.org/Default.aspx?tabid=135>.

**Recommendation and Rationale:**

Provide an additional option to show compliance for resilient flooring systems. The GREENGAURD Children & Schools Certification program is listed as a compliance path on the CHPS Low-emitting Materials Table and currently has certified resilient flooring products.

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**A5.504.4.7 Resilient flooring systems, Tier 1.** For 80% of floor area receiving resilient flooring, install resilient flooring ~~c~~omplying with the VOC-emission limits defined in the 2009 Collaborative for High Performance Schools (CHPS) criteria and listed on its Low-emitting Materials List, ~~[www.chps.net/manual/lem-table.htm](http://www.chps.net/manual/lem-table.htm)~~ or certified under the FloorScore program of the Resilient Floor Covering Institute or under the GREENGUARD Children & Schools (GG C&S) certification program.

**A5.504.4.7.1 Resilient flooring systems, Tier 2.** For 90% of floor area receiving resilient flooring, install resilient flooring ~~c~~omplying with the VOC-emission limits defined in the 2009 Collaborative for High Performance Schools (CHPS) criteria and listed on its Low-emitting Materials List or certified under the FloorScore program of the Resilient Floor Covering Institute or under the GREENGUARD Children & Schools (GG C&S) certification program.

**Note:** Products certified under the FloorScore program may be found at: [http://www.rfci.com/int\\_FS-ProdCert.htm](http://www.rfci.com/int_FS-ProdCert.htm) and products certified under the GG C&S program may be found at <http://www.greenguard.org/Default.aspx?tabid=135>.

**Recommendation and Rationale:**

Provide an additional option to show compliance for resilient flooring systems. The GREENGAURD Children & Schools Certification program is listed as a compliance path on the CHPS Low-emitting Materials Table and currently has certified resilient flooring products.

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**A5.504.4.8 Thermal insulation, Tier 1.** Comply with Chapter 12-13 in Title 24, Part 12, the California Referenced Standards Code, and with the VOC-emission limits defined in 2009 CHPS criteria and listed on its Low-emitting Materials List, [www.chps.net/manual/lem\\_table.htm](http://www.chps.net/manual/lem_table.htm) or certified under the GREENGUARD Children & Schools (GG C&S) certification program.

**A5.504.4.8.1 Thermal insulation, Tier 2.** Install No-Added Formaldehyde thermal insulation in addition to meeting the 2009 CHPS criteria and listed on its Low-Emitting Materials List or certified under the GREENGUARD Children & Schools (GG C&S) certification program.

**A5.504.4.9 Acoustical ceilings and wall panels.** Comply with Chapter 8 in Title 24, Part 2, the California Building Code, and with the VOC-emission limits defined in the 2009 CHPS criteria and listed on its Low-emitting Materials List, [www.chps.net/manual/lem\\_table.htm](http://www.chps.net/manual/lem_table.htm) or certified under the GREENGUARD Children & Schools (GG C&S) certification program.

Documentation shall be provided that verifies that finish materials are certified to meet the pollutant emission limits.

**Note:** Products certified under the GG C&S program may be found at <http://www.greenguard.org/Default.aspx?tabid=135>.

**Recommendation and Rationale:**

Provide an additional option to show compliance for thermal insulation and acoustical ceiling and wall panels. The GREENGAURD Children & Schools Certification program is listed as a compliance path on the CHPS Low-emitting Materials Table and currently has certified thermal insulation and acoustical ceiling and wall panels products.

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Update the "Nonresidential Occupancies Application Checklist" accordingly.