

Brought to you by:



www.GREENGUARD.org

Green Building Programs

By Josh Jacobs

The recent proliferation of green building rating systems and codes has certainly been a boon to the sustainable construction and design industry. However, navigating these programs can be daunting. Here's a quick and easy breakdown of the major programs available on the market today and how GREENGUARD certified products contribute to them.

ANSI/ASHRAE/USGBC/IES Standard 189.1-2009

- Adoptable as code and enforceable by federal, state and local code officials
- In the U.S., the standard serves as an alternative compliance path for the IgCC
- Requires use of low-emitting products and materials (adhesives/sealants, paints/coatings, floor covering materials, composite wood, office furniture, ceiling/wall systems, insulation and cabinets)
- GREENGUARD Children & Schools certified products contribute to Indoor Environmental Quality 8.4.2 Materials and 8.5.2 Materials
- Lists the GREENGUARD Environmental Institute in the Informative Appendix as a resource for finding low-emitting materials

USGBC's Leadership in Energy and Environmental Design (LEED)

- Rating system for commercial new construction, commercial interiors, existing buildings, core & shell, schools, retail and residential buildings
- GREENGUARD Children & Schools certified products contribute to EQ Credit 4 (in most rating systems)
- Requires use of low-VOC adhesives/sealants, paints/coatings, flooring, furniture/furnishings, ceiling/wall systems and composite wood

The Collaborative for High Performance Schools (CHPS)

- Used in California, Washington, New York, Massachusetts, Texas, Colorado, Maine, Vermont, New Hampshire, Connecticut, and Rhode Island with region-specific programs
- GREENGUARD Children & Schools certified products contribute to EQ 2.2 Low-Emitting Materials

- Requires use of low-emitting adhesives/sealants, paints/coatings, flooring systems, furniture/furnishing, and ceiling/wall systems

International Code Council's International Green Construction Code (IgCC)

- Adoptable as code and enforceable by federal, state, and local code officials
- Still in development through public comment periods and code hearing, but currently available for implementation
- GREENGUARD Children & Schools certified products contribute to IEQ 806 Material Emissions & Pollutant Control
- Requires use of low-emitting adhesives/sealants, paints/coatings, flooring, ceiling tiles, wall system, and insulation

Green Building Initiative's ANSI/GBI 01-2010 (Green Globes)

- First commercial building rating system to become an American National Standard
- GREENGUARD Children & Schools certified products contribute to IE 12.2 Source Control of Indoor Pollutants
- Requires use of low-emitting adhesives/sealants, paints/coatings, flooring, ceiling tiles, wall covering, and insulation
- Provides a user-friendly list of credible third-party certification programs

NAHB ICC 700-2008 National Green Building Standard

- Rating system for residential buildings
- GREENGUARD Children & Scholed certified products contribute to IEQ 901.6 - 901.11
- Requires use of low-emitting carpet, flooring, wall coverings, architectural coatings, adhesives/sealants, cabinets, and insulation

Inside

GREENGUARD in Green Building Programs 47
By Josh Jacobs

Are Greener Spaces Healthier Places? 48
By Maria Rutland

People, Not Points 53
By Rachel R. Belew

Proof Positive 54
By Mandi Joyner and Rachel R. Belew

Digital Edition Viewpoints on IAQ from an Industry Cross Section 59_b



JOSH JACOBS, TECHNICAL INFORMATION AND PUBLIC AFFAIRS MANAGER, GREENGUARD ENVIRONMENTAL INSTITUTE.