

MEGANITE®

TECHNICAL
BULLETINS

SUSTAINABLE DESIGN & LEED v4

Richelieu Hardware North America Recycled Series Offerings

DOCUMENT PURPOSE

Everyone should have easy access to recycled products. The goal of this document showcasing MEGANITE's interpretation towards LEED v4 and other possible contributions towards sustainable design and LEED.

OUR COMMITMENTS TO SUSTAINABILITY

We believe building material companies have a special role and special responsibility in confronting the challenges of environmental issues and global health. Everything we do is designed around the value of *Creating Better Lives.*

MEGANITE® is made with safe materials and is tested by international agencies for indoor air quality, restricted chemicals, and hygienic properties. All MEGANITE® colors including Recycled Series are GREENGUARD and GREENGUARD GOLD qualified, regarded as a low-emitting and harmless interior building material for all-kind projects.

Minimum 6% recycled contents are used for manufacturing MEGANITE® Recycled Series, contributes to reduce industrial waste and energy consumption utilized during the manufacturing process, conserve our limited energy and resources and alleviate pressure on landfill space.

The feature of durability offers long life cycles of MEGANITE®, less replacement is required over time. Meanwhile, MEGANITE® is easy maintained and renewable, providing exceptional cost-effectiveness and excellent user experience.

MEGANITE'S RECYCLED SERIES

Being a color expert for 40 years, we chose 18 of the industry's most popular pattern and made them with recycled contents. Recycled Series are a combination of 15+ years of world's best-selling solid surface from all major brands.

MEGANITE®

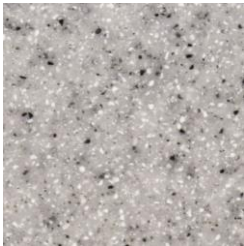
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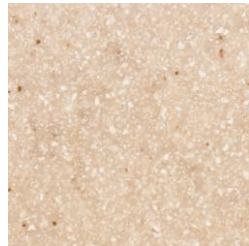
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MEGANITE® RECYCLED SERIES

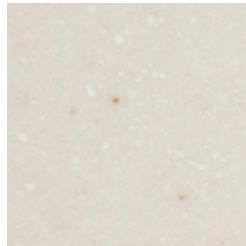
With a minimum 6% recycled content, all following 9 colors are in stock and at no upcharge. Custom colors and sizes are also available including with SCS certified recycled content. Please contact with your MEGANITE® representatives today!



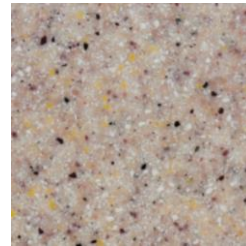
219AR Silver Mist



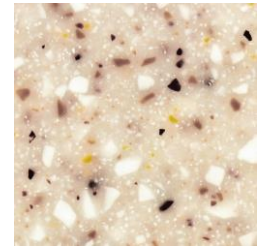
266AR Wheat Mist



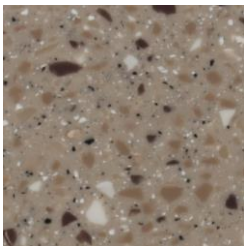
312AR Canvas Mist



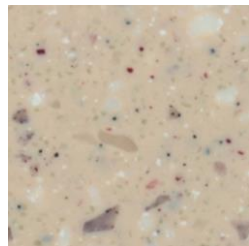
373AR Morocco Mist



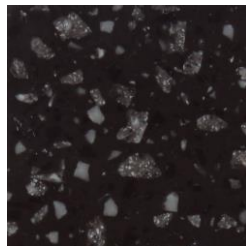
627AR Rye Granite



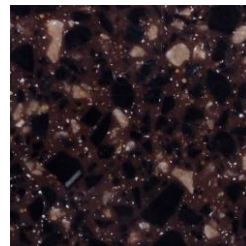
685AR Allspice
Granite



729AR Rocky Road
Granite



810AR Raven Boulder



819SAR Goldrush
Gemstone

**Photos of Meganite color samples can look different from actual color samples.*

LEED v4.0 - YOU MAY EARN LEED CREDITS WITH MEGANITE

LEED® works for all projects and buildings, and being organized to promote action in following key areas, known as credit categories, which are:

- Integrative Process
- Location and Transport
- Sustainable Sites
- Water Efficiency
- Energy and Atmosphere
- Materials and Resources
- Indoor Environmental Quality
- Innovation
- Regional Priority

Meganite® Solid Surface and Meganite's Recycled Series may contribute to following credit categories:

MATERIALS & RESOURCE (MR) CATEGORY

Building product disclosure and optimization- Sourcing of Raw Materials

- Option 2 - Leadership extraction practices
 - Recycled Content: Meganite's Recycled Series Solid Surface contain Pre-Consumer recycled content and is certified by SCS Global.

Building Product Disclosure and Optimization - Material Ingredients

- Option 1 - Material Ingredient Reporting
 - Health Product Declaration (HPD)

Other sections -

- DURIBILITY and REUSE - MEGANITE is solid throughout and can be re-sanded with standard wood working tools onsite after installation. It can also be repaired onsite after installation. This may reduce demolition waste and needs of new installation.

INDOOR ENVIROMENTAL QUALITY (EQ) CATEGORY

Low-emitting Materials

- General emissions evaluation
- GREENGUARD low chemical emissions testing - Meganite exceeds the industry's highest standards for Indoor Air Quality, with GREENGUARD and GREENGUARD Gold.

Interior Lighting

- Option 2 - Lighting Quality
 - Subpart F- Work surface Reflectance. Please note: By specifying "matte" finish, this reduces light reflection. However, if specifying "gloss" finish, this will increase light reflection.

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INNOVATION (IN) CATEGORY

MEGANITE provides cut-to-size panel. This program reduces labor hour and increases surfacing material yield.

ABOUT USGBC

The U.S. Green Building Council (USGBC) is established to help advance better buildings in everyone's daily life.

USGBC is a non-profit organization that promotes sustainability in buildings design, construction, and operation, best known for its development of the Leadership in Energy and Environmental Design (LEED®) Green Building Rating Systems™ and its annual Greenbuild International Conference and Expo, the world's largest conference and expo dedicated to green building. Since the rating system's unveiling in 2000, it has become an international standard for environmentally sound buildings, certifying hundreds of thousands of square feet per day.

ABOUT LEED®

The Leadership in Energy and Environmental Design (LEED®) Green Building Rating System™ developed by the U.S. Green Building Council (USGBC), is a voluntary, consensus driven, internationally recognized green building certification system. It provides third-party verification that a building or community was designed and built using strategies aimed at improving performance across metrics such as energy savings, water efficiency, CO2 emissions reduction, improved indoor environmental quality, and resource stewardship.

DISCLAIMER:

LEED v4 and other future versions may change without notifying MEGANITE. Any possible contribution and their points are subject to USGBC and/or LEED building certifying bodies. This document identifies possible contribution and are references only. MEGANITE and its agents are not liable for misleading, missed interpretation, misclassification, and etc. of LEED or USGBC. IF YOU HAVE QUESTIONS, PLEASE CONTACT MEGANITE SOLID SURFACE REPRESENTATIVES, AUTHORIZED FABRICATORS, DISTRIBUTORS OR EMAIL US AT INFO@MEGANITE.COM. ALL TECHNICAL BULLETINS CAN BE FOUND @ WWW.MEGANITE.COM