



GLASS RECYCLED

Imagine the possibilities

USGBC LEED 2.1 ASSESSMENT AND EVALUATION

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GLASSLAB COUNTERTOPS AND GLASSPLANK FLOOR & WALL TILES ARE ENVIRONMENTALLY BENEFICIAL CONSTRUCTION MATERIALS CAN AID SIGNIFICANTLY IN THE ENVIRONMENTAL GOALS OF GREEN BUILDINGS. PROJECTS SEEKING CERTIFICATION UNDER THE U.S. GREEN BUILDING COUNCIL'S (USGBC) LEED® RATING SYSTEM, VERSION 2.1 CAN EXPECT THESE PRODUCTS TO CONTRIBUTE TO USGBC LEED CREDITS LISTED BELOW. OF THE 69 TOTAL POINTS AVAILABLE, GLASSLAB COUNTERTOPS AND GLASSPLANK FLOOR TILES CAN CONTRIBUTE TO (5) OR MORE PROJECT POINTS.

RECYCLED CONTENT CREDIT MR CREDIT 4.1 OR 4.2 (1 TO 2 POINTS)

GlassSLAB and GlassPLANK are comprised of post-consumer glass and/or porcelain, recycled glass fillers, and VOC free epoxy resin. The products can be specified with 100% post-consumer glass and/or porcelain. The recycled content, by weight, of the final product is approximately 80%. As a result, up to 80% of the dollar value of the final product will contribute to the USGBC LEED targeted percentages of total building recycled material value (5% credit 4.1 and 10% credit 4.2). A less percentage can be expected if you specify as manufactured products.

REGIONAL MATERIALS MR CREDIT 5.1 AND 5.2 (1 TO 2 POINTS)

GLASS RECYCLED can procure the recycled glass and/or porcelain, recycled glass fillers, and epoxy resin from regional sources (within 500 miles) for use in the final product assembly. With suppliers available across the United States, the application of GlassSLAB and GlassPLANK can easily contribute to USGBC LEED requirements for both regionally manufactured and regionally extracted materials on most USA Projects. GlassSLAB and GlassPLANK are both manufactured in Coppell, TX and shipped to the site for fabrication and installation. Therefore, the regional materials credits apply if the installation site is within 500 miles of Coppell, TX.

CONSTRUCTION WASTE MANAGEMENT MR CREDIT 2.1 OR 2.2 (1 TO 2 POINTS)

GLASS RECYCLED can be a part of the construction waste management team and assist in the reclamation of glass waste from the construction process. In projects that require demolition of existing structures, GLASS RECYCLED can be a part of the construction waste management team - reclaiming glass waste and thereby avoiding disposal into the landfill. If desired, the salvaged glass can potentially be used in interior applications of the new building project.

LOW EMITTING MATERIALS – ADHESIVES AND SEALANTS EQ CREDIT 4.1 (1 POINT)

GlassSLAB and GlassPLANK utilize binders, resins and primers with VOC limits that range from zero to 60 g/l (based on information provided to the reviewer). This is considerably below the VOC limits required for compliance with south coast air quality management district rule #1168 VOC limits and the bay area air quality management district regulation 8, rule 51. Most of the epoxy manufacturers of thin set epoxy terrazzo systems have moved to 100% solids formulas, eliminating the addition of any VOC to the material. GLASS RECYCLED can provide certification of VOC compliance from its epoxy resin manufacturer.

INNOVATION IN DESIGN (1 POINT)

GlassSLAB and GlassPLANK can also potentially gain additional points under the USGBC LEED® innovation in design category. Extensive use could also contribute to the project excelling in the recycled content category - reaching the next threshold of total building recycled content value. These and other innovative scenarios can potentially earn the project additional USGBC LEED points. Points are awarded at the discretion of the submittal reviewer contracted with the USGBC.

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