



Johns Manville

September 09

JM Woven Glass Textiles Contribute to US LEED Credits

JM's woven glass textiles—Tassoglas®, Scandatex® and Textra™ wallcoverings can contribute to LEED Credits MR 6 and IEQ 3.2

Credit MR 6 Rapidly Renewable Materials 1 point

JM wallcoverings are made with 10 to 20 percent potato starch, a rapidly renewable material. In addition, about 70 percent of these wallcoverings are glass made from sand, an abundant resource that is naturally replenished. And JM wall coverings are durable—they remain breathable even after several repaintings, they strengthen the walls they cover and they are easy to maintain and repair.

Credit 3.2 Indoor Environmental Quality 1 point

Construction Indoor Air Quality (IAQ) Management Plan: Before Occupancy

In April of 2007, JM performed indoor air quality small-scale environmental chamber testing on JM wallcoverings. The testing followed California Section 01350 protocols for small-scale chamber emissions analysis of building materials. The air concentrations for formaldehyde were below the limit of quantitation of the method ($<1 \mu\text{g}/\text{m}^3$) on all air samples taken for these glass textile wall coverings. The 96 hour samples are used for the pass/fail test, which is $16 \mu\text{g}/\text{m}^3$ for formaldehyde for the “modeled” indoor air concentrations in an office building or school classroom. Therefore, these materials would easily pass the criteria for use in office or classroom settings. The total volatile organic carbon compounds (VOCs) also passed the CA01350 Criteria.

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