
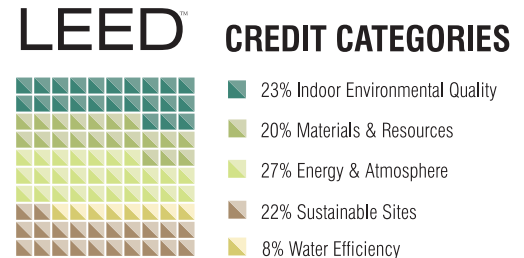


Technical Bulletin



ASM's Environmental Systems Workplace® Recycled Materials: FS100 Bolted Stringer

Renewed concerns about the environment, and creating and maintaining a greener society, have brought new focus to responsible manufacturing. As manufacturers, ASM is acutely aware of its obligation to incorporate significant content of recycled materials into its products. In our capacity as consumers, it's incumbent upon us to fully exploit the opportunities offered by products containing recycled materials. To help promote more environmentally beneficial practices, the US Green Building Council's LEED (Leadership in Energy and Environmental Design) rating system offers incentives for using material with recycled content, awarding up to 2 points toward LEED certification.



ASM's Environmental Systems Workplace® targets its contribution to 3 of the 5 categories addressed by LEED's standards. One category deals with building materials in terms of recycled content. **ASM's FS100 raised floor Bolted Stringer System contains 45.5% recycled material, 13.1% of which is post consumer waste and 32.4% of which is post industrial material.**



ASM FS100 panels consist of cementitious fill contained within a steel shell. The steel shell's composition uses 4.59 lbs of recycled material, and the panel's fill uses 10.22 lbs of recycled material in the cementitious fill. Based on a 12 inch finished floor height, each pedestal assembly uses 1.80 lbs of recycled content in the steel, and each stringer uses 1.34 lbs of recycled content in the steel. By weight, recycled materials constitute 45.5% of the FS100 Bolted Stringer Flooring System: total weight per square foot is 9.87 lbs, of which 4.49 lbs is recycled content.

While actual weights and percentages will vary slightly depending on the panel grade selected and the finished floor height, these figures can be used as general guidelines.

For further information on recycled content or how the ASM's Environmental Systems Workplace® can help you achieve points in other LEED categories, please contact your local ASM dealer or email: jlee@asmproducts.com, call 843-534-1110, or visit our website at www.asmproducts.com.

* The usage rate of pedestals is 1.2 per panel; the usage rate of stringers is 1.8 per panel.