



RE: LEED Product Information

This letter will detail the contribution of the Shockwave Insulation/Drainage Board manufactured by Mar-flex Waterproofing and Basement Products to the LEED Green Building Rating System in accordance with LEED-NC Version 2.2 for New Construction and Major Renovations of existing buildings.

MR Credit 2.1: Construction Waste Management

Intent

Divert construction, demolition and land-clearing debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites.

Requirements

Recycle and/or salvage at least 50% of non-hazardous construction and demolition debris. Develop and implement a construction waste management plan that, at a minimum, identifies the materials to be diverted from disposal and whether the materials will be sorted on-site or co-mingled. Excavated soil and land-clearing debris do not contribute to this credit. Calculations can be done by weight or volume, but must be consistent throughout.

Potential Technologies & Strategies

Establish goals for diversion from disposal in landfills and incinerators and adopt a construction waste management plan to achieve these goals. Consider recycling cardboard, metal, brick, acoustical tile, concrete, plastic, clean wood, glass, gypsum wallboard, carpet and insulation. Note that diversion may include donation of materials to charitable organizations and salvage of materials on-site.

Credit 2.1: Construction Waste Management, Divert 50% from Disposal
50% Diversion = 1 Point

Credit 2.2: Construction Waste Management, Divert 75% from Disposal
75% Diversion = 1 Point in addition to MR Credit 2.1

- Shockwave is shipped on Wooden Pallets (wood)

MR Credit 4.1: Recycled Content

Intent

Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

Requirements

Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (based on cost) of the total value of the materials in the project.

Credit 4.1: Recycled Content, 10%
10% (post-consumer + 1/2 pre-consumer) = 1 Point

Credit 4.2: Recycled Content, 20%
20% (post-consumer + 1/2 pre-consumer) = 1 Point in addition to MR Credit 4.1

Shockwave is 40% Pre-consumer and 60% Post-consumer recycled content. The recycled material is created from the automotive manufacturing process. This waste is taken and ground down at another facility to be formed into the Shockwave boards.