

CertainTeed Gypsum Sustainable Materials Data Sheet

Date: April 5, 2013

Subject: **CertainTeed SilentFX™ Noise-Reducing Gypsum Board** Data Sheet for LEED® Green Building Rating Systems, National Green Building Standard™ (NGBS) ICC 700-2012 and International Green Construction Code (IgCC)

CertainTeed Gypsum certifies and provides the following information for use in achieving LEED Credit, National Green Building Standard Credit, and meeting the International Green Construction Code for the specification of CertainTeed SilentFX Gypsum Board products.

LEED MR Credit 4: Recycled Content
NGBS 604.1: Recycled Content
IgCC 505.2.2: Recycled Content Building Materials

CertainTeed SilentFX Gypsum Board products contain the following recycled content. Percentages are averages by weight. The recycled content figures do not include production trim and scrap, which are reused in the manufacturing process.

Manufacturing Location	Total Recycled Content, %	Post-Consumer Recycled Content, %	Pre-Consumer Recycled Content, %
Fort Dodge, IA, USA	8	4	4

LEED MR Credit 5: Regional Materials
NGBS 609.1: Regional Materials
IgCC 505.2.5: Indigenous Materials

CertainTeed SilentFX Gypsum Board products are manufactured at the CertainTeed facilities listed below. Credit may be given if the project location is within a 500 mile (800 km) radius; or 1,500 mile (2,400 km) radius for rail shipment for LEED Canada projects; or up to 2,000 mile (3,200 km) radius for rail shipment for IgCC projects, of a manufacturing facility and the gypsum raw material extraction location

Manufacturing Location: City, State/Province Zip/Postal Code	Extraction Location: City, State/Province Zip/Postal Code	Paper Location: City, State/Province
Fort Dodge, IA, USA 50501	Fort Dodge, IA, USA 50501	Austell, GA, USA

LEED MR Credit 6: Rapidly Renewable Materials
NGBS 606: Renewable Materials

CertainTeed SilentFX Gypsum Board products contain approximately 1% starch by weight and starch is a rapidly renewable material.

LEED IEQ Credit 4: Low-Emitting Materials

NGBS 901: Pollutant Source Control

IgCC 806.5: Material Emissions and Pollutant Control – Wall Systems

CertainTeed SilentFX Gypsum Board products are GREENGUARD Indoor Air Quality® and GREENGUARD Children & SchoolsSM Certified and meet the testing and product requirements of the California Department of Health Services Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers, including 2004 Addenda and CDPH/EHLB/Standard Method V.1.1.

LEED for Schools IEQ Credit 9: Enhanced Acoustical Performance

IgCC 807: Acoustics

CertainTeed SilentFX Gypsum Board products are included in wall assemblies with an STC range of 42 to 63 tested in accordance with ASTM E 90. This product assists in meeting the requirements of ANSI Standard S12.60-2002, Acoustical Performance Criteria, Design Requirements and Guidelines for Schools.

LEED for Schools IEQ Credit 10: Mold Prevention

NGBS 903.4: Moisture Control Measures (mold resistant materials)

CertainTeed SilentFX Gypsum Board products are mold resistant in accordance with ASTM D 3273 and ASTM G 21 test methods.

Note: LEED Credit, NGBS and IgCC section references are suggested applications of CertainTeed SilentFX Gypsum Board products to the LEED Green Building Rating Systems, National Green Building Standard and the International Green Construction Code (IgCC). Determinations of product attributes for Certification of a building project are the responsibility of the LEED, National Green Building Standard or IgCC Applicant.

Marketing Technical Services

