CERTIFIED
ENVIRONMENTAL PRODUCT DECLARATION
UL.COM/EPD

EPD **Transparency Summary**

COMPANY NAME

Certainteed Gypsum, Inc.

PRODUCT TYPE

Gypsum Board

PRODUCT NAME

1/2 inch Easi-Lite Ligtweight Gypsum Board: Carrollton, KY Moundsville, WV and Roxboro, NC

PRODUCT DEFINITION

Easi-Lite Gypsum Board is a specially formulated interior gypsum board that is up to 30% lighter than traditional 1/2" (12.7 mm) CertainTeed regular gypsum boards. It is comprised of a special sag-resistant solid set gypsum core enclosed in up to 100% recycled face and back paper.

PRODUCT CATEGORY RULE (PCR)

Product Category Rules for North American Gypsum Boards FP innovations – Gypsum PCR 2013 – V1

CERTIFICATION PERIOD

November 17, 2015 - November 17, 2020

DECLARATION NUMBER

4786663719.101.1

LIFECYCLE IMPACT CATEGORIES

The environmental impacts listed below were assessed throughout the product's lifecycle – including raw material extraction, transportation, manufacturing, packaging, use, and disposal at end of life.

	ATMOSPHERE			WATER		EARTH	
	Global Warming Potential refers to long-term changes in global weather patterns – including temperature and precipitation – that are caused by increased concentrations of greenhouse gases in the atmosphere.	**Ozone Depletion Potential** is the destruction of the stratospheric ozone layer, which shields the earth from ultraviolet radiation that's harmful to life, caused by human-made air pollution.	**Photochemical Ozone Creation Potential** happens when sunlight reacts with hydrocarbons, nitrogen oxides, and volatile organic compounds, to produce a type of air pollution known as smog.	**Acidification Potential** is the result of human-made emissions and refers to the decrease in pH and increase in acidity of oceans, lakes, rivers, and streams – a phenomenon that pollutes groundwater and harms aquatic life.	**Eutrophication Potential** occurs when excessive nutrients cause increased algae growth in lakes, blocking the underwater penetration of sunlight needed to produce oxygen and resulting in the loss of aquatic life.	**Depletion of Abiotic Resources (Elements)** refers to the reduction of available non-renewable resources, such as metals and gases, that are found on the periodic table of elements, due to human activity.	**Depletion of Abiotic Resources (Fossil Fuels)** refers to the decreasing availability of non-renewable carbon-based compounds, such as oil and coal, due to human activity.
TRACI							
CML	**2.80E+02** kg CO2 eq	**2.54E-05** kg CFC11 eq	**1.05E-01** kg O3 eq	**1.10** kg SO2 eq	**2.59E-1** kg N eq		**1.10E+03** MJ

FUNCTIONAL UNIT 1000 square feet (92.9 square meters) of gypsum board with a density of 1.2 – 1.4 psf (5.9 - 6.8 kg/m2) and a thickness of ½ inch (12.7 mm).

Environment

MATERIAL CONTENT

Material content measured to 1%.

COMPONENT	MATERIAL	AVAILABILITY	MASS%	ORIGIN
	FGD		74	
	Additives		14	
	Internally Recycled Gypsum Scrap		5	
	Paper Bottom Liner		3	
	Paper Top Liner		3	

ADDITIONAL ENVIRONMENTAL INFORMATION

PRE-CONSUMER RECYCLED CONTENT	97 %
POST-CONSUMER RECYCLED CONTENT	0.5 %
VOC EMISSIONS	TVOC<=0.22 mg/m3
WATER CONSUMPTION	1.21 Liters/Functional Unit

RECYCLING OR REUSE

ENERGY

RENEWABLE ENERGY	5.5 %	254 MJ
NON-RENEWABLE ENERGY	94.5 %	4383 MJ

STANDARDS

ASTM C1396
CAN/CSA-A82.27
ASTM E84
CAN/ULC-S102

CERTIFICATIONS

MANUFACTURER CONTACT INFO

NAME	Douglas C. Gehrig, P.E., LEED Green Associate
PHONE	1-800--446-5284
EMAIL	doug.gehring@saint-gobain.com
WEBSITE	www.certainteed.com/gypsum/sustainability

The information presented herein is a summary of content contained in the manufacturer's ISO 14025-compliant EPD certified by UL. Please visit www.ul.com/environment to download the full EPD.
UL, the UL logo, and UL certification mark are trademarks of UL LLC. All other marks are the property of their respective owners.