



green genie™

LEED® CALCULATOR
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TECTUM® LEED® v4 OVERVIEW

24/7 access to LEED® information and documentation you need in the design or submittal process for any Armstrong® Ceiling and Wall System

Theme	Credit	LEED Credit	Points	Armstrong Ceilings Contribution
Recycling Program	MR Prereq MR Credit	Construction Waste Management Now a Prerequisite – ID at least 5 materials	MRp2 Required MRc6 1-2	MRp2: Add <u>Tectum® Products</u> to Waste Management plan to increase diversion %. Tectum products qualify as 1 nonstructural material. MRc6, Option 1: Tectum products are biodegradable and can be upcycled into soil amendment. MRc6, Option 2: Reduction in Total Waste: Tectum products are manufactured and cut to size at the factory, reducing or eliminating field cuts and waste at the site. Tectum products are shipped without the need for boxing and minimal if any crating, reducing packaging for minimal site waste.
Regional Materials	MR Credits	Regional Materials (Extracted, manufactured and purchased w/ in 100 miles)	200% base contributing cost	ARMSTRONG CEILING MANUFACTURING LOCATIONS Tectum products contribute if manufactured in a radius of 500 miles. Tectum products are manufactured in Newark, OH. Extraction locations. Obtain % by raw material in the Armstrong Ceilings LEED Calculator. Use <u>Armstrong Ceilings LEED calculator</u> to calculate mileage for manufacture and extraction locations; Product meeting 100 mile criteria is valued at 200% of base cost.
Life Cycle Impacts & Environmental Product Declarations	MR Credit	Building Life Cycle Reduction Interiors Life Cycle Impact Reduction	BD&C – 3 ID&C – 1-3	ARMSTRONG® PRODUCT EPDs BD&C, Option 4: Provide EPD or Embodied Energy (EE) for Whole Building LCA calculations. ID&C, Option 1: Reuse of nonstructural elements – Tectum panels are very durable and can be repurposed on a project. Option 3: Design for Flexibility – Tectum products can be mechanically attached for ease of removal.
Life Cycle Impacts & Environmental Product Declarations	MR Credit	Building Disclosure and Optimization – Environmental Product Declaration	BD&C – 1 ID&C – 1-2	ARMSTRONG® PRODUCT EPDs Option 1: Tectum Third Party Certified, TYPE III EPDs; www.armstrongceilings.com/epd/tectum .

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Corporate Sustainability and Raw Material Sourcing	MR Credit	Building Disclosure and Optimization – Sourcing of Raw Materials	BD&C – 1-2 ID&C – 1-2	ARMSTRONG COMMITMENT TO SUSTAINABILITY Option 1: Armstrong self-declared sustainability report (1/2 value) www.armstrongceilings.com/sustainability ARMSTRONG® BIOBASED PRODUCTS Option 2: Leadership Extraction Practices: Tectum products contribute to these areas: Biobased content; Certified Wood Tectum products are made from Wisconsin aspen wood fibers, harvested by Johnson Timber Corporation and shredded by American Excelsior Company. 44% of Tectum panels are wood excelsior and are considered FSC® Mix Credit. Tectum Inc. Chain-of-Custody #: RA-COC-007078 American Excelsior Chain-of-Custody #: RA-COC-007186 Johnson Timber Chain-of-Custody #: SW-COC-002249
Material Ingredient Disclosure	MR Credit	Building Disclosure and Optimization – Material Ingredients	BD&C – 1-2 ID&C – 1-2	HEALTH PRODUCT DECLARATIONS & DECLARE™ Option 1, Material Ingredient Reporting: Tectum Health Product Declaration or Declare label qualifies for Mfr Inventory (1 Pt)
VOC Emissions	EQc	Low Emitting Materials	BD&C – 1-3 ID&C – 1-3	ARMSTRONG® LOW OR NO-ADDED FORMALDEHYDE CEILINGS Tectum products meet <u>General Emissions evaluation per the CDPH standard; v1.1 2010</u> Tectum meets requirements for no added urea formaldehyde.
Acoustics	EQc	Acoustic Performance (now all Rating Systems)	BD&C – 2 ID&C – 2	ARMSTRONG® ACOUSTIC CEILINGS & WALLS Sound Transmission – Tectum® panels are an acoustical product. Reverberation time – Tectum® panels contribute to reduction in reverb time by adding absorption. Schools must meet ANSI Std. S12-60.

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