TECTUM® COMPOSITE ROOF DECK LEED® v4 OVERVIEW

Theme	Credit	LEED Credit	Points	Armstrong Ceilings Contribution
Energy Credits	EA Prerequisite	**Minimum Energy Performance**	Required	Incorporate Tectum® Composite Roof Deck panels in your building design to provide thermal performance with R values ranging from 6 to 44 (depending on thickness).
	EA Credit	**Optimize Energy Performance**	Dependent on reduction	**Option 1:** Whole-building energy simulation **Option 2:** Prescriptive compliance: ASHRAE 50% Advanced Energy Design Guide **TECTUM® COMPOSITE THERMAL PERFORMANCE** R-Value / NS / III & IIIP / E & E-N / V Up to 6 • • • • Up to 32 • • • Up to 40 • • Up to 44 •
Recycling Program	MR Prereq MR Credit	**Construction & Demolition Waste Management Planning** Now a Prerequisite – ID at least 5 materials **Construction & Demolition Waste Management**	MRp Required MRc up to 2 pts	**MRp2**: Add Tectum® Products to Waste Management plan to increase diversion %. **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 within 100 miles)	200% base contributing cost	ARMSTRONG CEILING MANUFACTURING LOCATIONS Tectum products contribute if manufactured in a radius of 100 miles. Tectum products are manufactured in Newark, OH. Extraction locations. Obtain % by raw material in the Armstrong Ceilings LEED Calculator. Use Armstrong Ceilings LEED calculator to calculate mileage for manufacture and extraction locations; Product meeting 100 mile criteria is valued at 200% of base cost.

Theme	Credit	LEED Credit	Points	Armstrong® Ceilings Contribution
Corporate Sustainability and Raw Material Sourcing	MR Credit	**Building Disclosure and Optimization – Sourcing of Raw Materials**	BD&C – 1 ID&C – 1	ARMSTRONG COMMITMENT TO SUSTAINABILITY **Option 1:** Armstrong self-declared sustainability report (1/2 value) www.armstrongceilings.com/sustainability
Acoustics	EQc	**Acoustic Performance (now all Rating Systems)**	BD&C – 2 ID&C – 2	**Reverberation time** – Tectum® panels contribute to reduction in reverb time by adding absorption. Schools must meet ANSI Std. S12-60. Tectum roof deck panels provide an NRC 0.55 to 0.80 (thickness dependent).Tectum panels help to meet ANSI S12.60 Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools.

Armstrong®
BUILDING SOLUTIONS