marmoleum® click
certified sustainable flooring

material:	**Marmoleum® Click**	
physical properties:	panel dimensions	approx. 12" x 36" (300 mm x 900 mm)
	square dimensions	approx. 12" x 12" (300 mm x 300 mm)
	total thickness	9.8 mm
	surface	2 mm Marmoleum
	base material	6.8 mm HDF
	backing	1 mm cork
recycled content: materials & resources credit 4 1-2 points (NC, schools, CS, CI)	pre-consumer (post-industrial)*	78.0% (wood flour, tall oil)
	post-consumer	0%
rapidly renewable materials: materials & resources credit 6 1 point (NC, schools, CS, CI)	8.3% by weight	linseed oil, pine rosin, jute
PBT source reduction: pilot credit 2 1 point (NC, schools, CS, CI)	compliant	
acoustical performance: IEQ prerequisite 3 (schools)	**Marmoleum Click with Vapor Barrier:**	
	noise reduction coefficient (NRC) ASTM C423-02a	0.05
	sound absorption coefficient (SAA) ASTM C423-02a	0.04
	sound transmission class (STC) ASTM E423-04.	53
	impact sound transmission impact insulation class (IIC) ASTM E492-96	marmoleum click over a 6 inch concrete slab - IIC 49 marmoleum click with a vapor barrier over a 6 inch concrete slab including a ceiling plenum - IIC 58 marmoleum click over a wood joist construction - IIC 53
indoor environmental quality: low emitting materials (flooring systems) credit 4.3 1 point (NC, schools, CS, CI) option 2	collaborative for high performance schools low emitting materials section 01350 Low Emitting Materials Table (LEM).	listed
regional material: materials & resources credit 5 1-2 points (NC, schools, CS, CI)	manufacturing	factory: Boxler GmbH & Co KG Germany
regional extraction/process:	**ingredient**	**extraction location**
	Marmoleum Sheet	The Netherlands
	MDF Backer	France
	Cork Backer	Portugal
sustainable attributes:	98% bio-based content (Radiocarbon Analyses conducted by Iowa State University, January 30, 2009) Carb Phase 2 Emission Standard	
innovation & design: sustainable certifications 1 point	SMaRT© Sustainable Products Standard	platinum level certification see Forbo sales rep for details

** recycled content calculated following Federal Trade Commission (FTC) –Part 260 - GUIDES FOR THE USE OF ENVIRONMENTAL MARKETING CLAIMS (wood flour, tall oil)*

** recycled content materials shall be defined in accordance with the International Organization of Standards document, ISO 14021 - environmental labels and declarations - self-declared environmental claims (type II environmental)*