



Suzuki School, Atlanta, GA  
 photo: Jim Roof Photography

**material:** **Marmoleum® Sheet**  
 Real, Fresco, Striato, Vivace, Piano, Mineral, Prisma, Graphic, Dutch Design, Walton  
**Marmoleum® Composition Sheet (MCS)**

**physical properties:** width . . . . . 79" (2 meters)  
 length . . . . . 105 linear feet (32 linear meters)  
 gauge . . . . . 1/10" (2.5 mm) - Marmoleum  
 0.080" (2.0 mm) - MCS

**recycled content:** pre-consumer (post-industrial)\* . . . . . 46.5% (wood flour, tall oil)  
 materials & resources credit 4  
 1-2 points (NC, schools, CS, CI) post-consumer . . . . . 0%

**rapidly renewable materials:** 33% by weight . . . . . linseed oil, pine rosin, jute  
 materials & resources credit 6  
 1 point (NOC, schools, CS, CI)

**PBT source reduction:** compliant  
 pilot credit 2: 1 point (NC, schools, CS, CI)

**acoustical performance:** noise reduction coefficient (NRC) ASTM C423-02a . . . 0.05  
 IEQ prerequisite 3 (schools) sound absorption coefficient (SAA) ASTM C423-02a . . 0.08  
 sound transmission class (STC) ASTM E423-04 . . . . . 54  
 impact sound transmission impact insulation . . . . . marmoleum over a 6 inch concrete slab - IIC 27  
 class (IIC) ASTM E492-96 marmoleum installed on 2.0mm Corkment  
 over a 6 inch concrete slab - IIC 42  
 marmoleum over a wood joist construction - IIC 51

**indoor environmental quality:** collaborative for high performance schools low emitting materials section 01350  
 low emitting materials (flooring systems) credit 4.3  
 1 point (NC, schools, CS, CI) Low Emitting Materials Table (LEM). . . . . listed

**indoor environmental quality:** adhesives meet the requirements set forth in  
 low emitting materials (adhesives & sealants) credit 4.1  
 1 point (NC, schools, CS, CI) the SCAQMD Rule #1168 . . . . . Forbo L-910, Forbo MS 855, weld rod

**construction waste management:** compostable jobsite scraps . . . . . check with Forbo for available markets  
 materials & resources credit 2  
 1-2 points (NC, schools, CS, CI) packaging . . . . . 90% recyclable

**regional material:** manufacturing . . . . . facility: Forbo Flooring B.V.  
 materials & resources credit 5  
 1-2 points (NC, schools, CS, CI) Assendelft, The Netherlands

<b>regional extraction/process:</b>	<b>ingredient</b>	<b>extraction location</b>
	linseed oil (flax) . . . . .	Canada
	tall oil . . . . .	Canada
	gum rosin . . . . .	Indonesia
	wood flour . . . . .	Germany
	limestone . . . . .	Germany
	pigment . . . . .	Germany
	jute . . . . .	India, Bangladesh
	topshield finish (water-based) . . . . .	The Netherlands

**sustainable attributes:** 100% bio-based content (Radiocarbon Analyses conducted by Iowa State University, January 30, 2009)

**sustainable certifications:** SMARt® Sustainable Products Standard . . . . . platinum level

\* 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)