



marmoleum® dual tile
MCT
 marmoleum® composition tile
 certified sustainable tile

Perrysburg High School, Perrysburg, OH
 photo: WB Products

material:	Marmoleum® Dual Tile	Marmoleum® Composition Tile (MCT)
physical properties:	size 13" x 13" approx. (33 cm x 33 cm) 20" x 20" approx. (50 cm x 50 cm) gauge 1/10" (2.5 mm)	size 13" x 13" approx. (33 cm x 33 cm) gauge 0.080" (2.0 mm)
recycled content: materials & resources credit 4 1-2 points (NC, schools, CS, CI)	pre-consumer (post-industrial)* 46.5% (wood flour, tall oil) post-consumer 0%	
rapidly renewable materials: materials & resources credit 6 1 point (NC, schools, CS, CI)	23% by weight	linseed oil, pine rosin
PBT source reduction: pilot credit 2 1 point (NC, schools, CS, CI)	compliant	
acoustical performance: IEQ prerequisite 3 (schools)	noise reduction coefficient (NRC) ASTM C423-02a 0.05 sound absorption coefficient (SAA) ASTM C423-02a 0.06 sound transmission class (STC) ASTM E423-04 55 impact sound transmission impact insulation class (IIC) ASTM E492-96	Marmoleum over a 6 inch concrete slab - IIC 27 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: 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	
indoor environmental quality: low emitting materials (adhesives & sealants) credit 4.1 1 point (NC, schools, CS, CI)	adhesives meet the requirements set forth in the SCAQMD Rule #1168	Forbo T-940, Forbo MT 855
regional material: materials & resources credit 5 1-2 points (NC, schools, CS, CI)	manufacturing	facility: Forbo-Nairn Ltd. Kirkcaldy, Fife, Great Britain
regional extraction/process:	ingredient linseed oil (flax) tall oil gum rosin wood flour limestone pigment glass backing topshield finish (water-based)	extraction location Canada United States Indonesia Germany Germany Germany United Kingdom The Netherlands
sustainable attributes:	92% bio-based content (Radiocarbon Analyses conducted by Iowa State University, January 30, 2009)	
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)