



**material: Marmoleum® Decibel**

<b>physical properties:</b>	width . . . . .79" (2 meters) length . . . . .105 linear feet (32 linear meters) gauge . . . . .0.137" (3.5 mm)
<b>recycled content:</b> materials & resources credit 4 1-2 points (NC, schools, CS, CI)	pre-consumer (post-industrial)* . . . . .41.7% (wood flour, tall oil) post-consumer . . . . .0%
<b>rapidly renewable materials:</b> materials & resources credit 6 1 point (NC, schools, CS, CI)	27.5% by weight . . . . .linseed oil, pine rosin, jute
<b>PBT source reduction:</b> compliant pilot credit 2 1 point (NC, schools, CS, CI)	
<b>acoustical performance:</b> IEQ prerequisite 3 (schools)	noise reduction coefficient (NRC) ASTM C423-02a . . . . .0.05 sound absorption coefficient (SAA) ASTM C423-02a . . . . .0.05 sound transmission class (STC) ASTM E423-04 . . . . .53 impact sound transmission impact insulation class (IIC) ASTM E492-96 . . . . .Marmoleum decibel over a 6 inch concrete slab - IIC 48 Marmoleum decibel over a 6 inch concrete slab, including a ceiling plenum - IIC 60 Marmoleum decibel over a wood joist construction - IIC 53
<b>indoor environmental quality:</b> 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
<b>indoor environmental quality:</b> 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 885, weld rod
<b>regional material:</b> materials & resources credit 5 1-2 points (NC, schools, CS, CI)	manufacturing . . . . .facility: Forbo-Nairn Ltd. Kirkcaldy, Fife, Great Britain
<b>regional extraction/process:</b>	<b>ingredient</b> . . . . . <b>extraction location</b> linseed oil (flax) . . . . .Canada tall oil . . . . .United States gum rosin . . . . .Indonesia wood flour . . . . .Germany limestone . . . . .Germany pigment . . . . .Germany jute . . . . .India, Bangladesh polyolefin . . . . .The Netherlands topshield finish (water-based). . . . .The Netherlands
<b>sustainable attributes:</b>	89.5% bio-based content (Radiocarbon Analyses conducted by Iowa State University, January 30, 2009)
<b>innovation &amp; design:</b> 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)