



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)**

|  |  |   |
|--|--|---|
| <b>physical properties:</b>                              | width . . . . .  | 79" (2 meters)  |
|  | length . . . . .   | 105 linear feet (32 linear meters)  |
|  | gauge . . . . .  | 1/10" (2.5 mm) - Marmoleum<br>0.080" (2.0 mm) - MCS                           |
| <b>recycled content:</b>                                 | pre-consumer (post-industrial)* . . . . .  | 46.5% (wood flour, tall oil)  |
| materials & resources credit 4                           | post-consumer . . . . .  | 0%  |
| 1-2 points (NC, schools, CS, CI)                         |  |   |
| <b>rapidly renewable materials:</b>                      | 33% by weight . . . . .  | linseed oil, pine rosin, jute   |
| materials & resources credit 6                           |  |   |
| 1 point (NC, schools, CS, CI)                            |  |   |
| <b>PBT source reduction:</b>                             | compliant  |   |
| pilot credit 2: 1 point (NC, schools, CS, CI)            |  |   |
| <b>acoustical performance:</b>                           | 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<br>over a 6 inch concrete slab - IIC 42 |
|  |  | Marmoleum over a wood joist construction - IIC 51                             |
| <b>indoor environmental quality:</b>                     | collaborative for high performance schools low emitting materials section 01350                    |   |
| low emitting materials (flooring systems) credit 4.3     | Low Emitting Materials Table (LEM). . . . .  | listed  |
| 1 point (NC, schools, CS, CI) option 2                   |  |   |
| <b>indoor environmental quality:</b>                     | adhesives meet the requirements set forth in   |   |
| low emitting materials (adhesives & sealants) credit 4.1 | the SCAQMD Rule #1168 . . . . .  | Forbo L-910, Forbo MS 855, weld rod   |
| 1 point (NC, schools, CS, CI)                            |  |   |
| <b>construction waste management:</b>                    | compostable jobsite scraps . . . . .   | check with Forbo for available markets  |
| materials & resources credit 2                           | packaging . . . . .  | 100% recyclable   |
| 1-2 points (NC, schools, CS, CI)                         |  |   |
| <b>regional material:</b>                                | manufacturing . . . . .  | facility: Forbo Flooring B.V.<br>Assendelft, The Netherlands                  |
| materials & resources credit 5                           |  |   |
| 1-2 points (NC, schools, CS, CI)                         |  |   |
| <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   |
|  | topshield finish (water-based) . . . . .   | The Netherlands   |
| <b>sustainable attributes:</b>                           | 100% bio-based content (Radiocarbon Analyses conducted by Iowa State University, January 30, 2009) |   |
| <b>innovation &amp; design:</b>                          | SMaRT® Sustainable Products Standard . . . . .   | platinum level certification  |
| sustainable certifications - 1 point                     |  | 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)