



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: pre-consumer (post-industrial)* 78.0% (wood flour, tall oil)
 materials & resources credit 4
 1-2 points (NC, schools, CS, Cl) post-consumer. 0%

rapidly renewable materials: 8.3% by weight. linseed oil, pine rosin, jute
 materials & resources credit 6
 1 point (NC, schools, CS, Cl)

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

acoustical performance: **Marmoleum Click with Vapor Barrier:**
 IEQ prerequisite 3 (schools) 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 marmoleum click over a 6 inch concrete slab - IIC 57
 class (IIC) ASTM E492-96 marmoleum click with a vapor barrier over a 6 inch
 concrete slab including a ceiling plenum - IIC 559
 marmoleum click over a wood joist construction - IIC 53

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, Cl) option 2 Low Emitting Materials Table (LEM). listed

construction waste management: compostable jobsite scraps check with Forbo for available markets
 materials & resources credit 2 packaging. 100% recyclable
 1-2 points (NC, schools, CS, Cl)

regional material: manufacturing factory: Boxler GmbH & Co KG
 materials & resources credit 5 Germany
 1-2 points (NC, schools, CS, Cl)

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: SMaRT® Sustainable Products Standard platinum level certification
 sustainable certifications see Forbo sales rep for details
 1 point

* 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)