

## Product specification ErgoTile Quad rubber tiles

ErgoFloor's products are based on a unique and environmentally correct recycling process, which makes it possible to recycle rubber granulate from discarded car tyres into new subjects with a recycling profit on at least 92%. As binder is used polyurethane.



<b>Sizes:</b>	<p>500x500x10 mm, flat bottom, 9,2 kg/m<sup>2</sup>, density 920 kg/m<sup>3</sup> 500x500x15 mm, flat bottom, 13,6 kg/m<sup>2</sup>, density 907 kg/m<sup>3</sup> 1000x1000x15 mm, flat bottom, 13,6 kg/m<sup>2</sup>, density 907 kg/m<sup>3</sup></p> <p>500x500x25 mm, grooved bottom, 21,2 kg/m<sup>2</sup>, density 880 kg/m<sup>3</sup> 1000x1000x25 mm, flat bottom, 22,5 kg/m<sup>2</sup>, density 900 kg/m<sup>3</sup></p> <p>500x500x30 mm, flat bottom, 26,8 kg/m<sup>2</sup>, density 893 kg/m<sup>3</sup> 1000x1000x30 mm, flat bottom, 27 kg/m<sup>2</sup>, density 900 kg/m<sup>3</sup> 1000x1000x30 mm, impact bottom, 23,4 kg/m<sup>2</sup>, density 900 kg/m<sup>3</sup></p> <p>1000x1000x43 mm, impact bottom, 27,8 kg/m<sup>2</sup>, density 887 kg/m<sup>3</sup></p> <p>Dim. tolerance: +/- 1% on length and width &amp; +/- 1 mm on thickness</p>
<b>Materials:</b>	<p>Surface: Rubber granules and buffings, 1-2 mm</p> <p>Bottom: Rubber granules and buffings, 1-5 mm</p>
<b>Hardness:</b>	60-65 Shore A (base material)
<b>Static coefficient of friction:</b>	<p>Dry: 0,90</p> <p>Wet: 0,65</p>
<b>Dynamic coefficient of friction:</b>	<p>Dry: 0,78</p> <p>Wet: 0,61</p> <p>Tested according to AS 4663-2013 and thus classified as class P5 according to AS 4586</p>
<b>Thermal conductivity (λ):</b>	About 0,14 W/m <sup>2</sup> /K
<b>Impact sound improvement rating (dLw):</b>	> 21 dB
<b>Force reduction:</b>	<p>10 mm: About 12%</p> <p>15 mm: About 22%</p> <p>20 mm: About 31%</p> <p>25 mm: About 36%</p> <p>30 mm: About 39%</p> <p>43 mm: About 45%</p> <p>The force reduction rating is expressed as a relative percentage (bare concrete slab = 0 % force reduction) of the force that is not reflected when applied to a resilient surface. The higher the force reduction rating, the more "forgiving" the surface.</p>
<b>Fire class according to EN 13501:</b>	<p>Standard: Efl</p> <p>Optional: Dfl-s1, Dfl-s2, Cfl-s1, Cfl-s2 or Bfl-s1</p>
<b>Colour variants:</b>	<p>Standard colours: red, green, black, sand &amp; grey.</p> <p>Special colours available on request.</p>
<b>Safe &amp; non toxic with low emissions &amp; odour:</b>	<p>Passed the REACH test for SVHC's, VOC's &amp; phthalates according to EN 1122 &amp; EN ISO 14389</p> <p>Passed the EU Safety of Toys test according to EN 71-3</p> <p>Passed the Isocyanate (MDI &amp; TDI) and VOC's test according to EN 13130-8 &amp; ISO 17734-1</p> <p>Antimicrobial treatment prevents the growth of bacteria, mold &amp; fungus.</p>