



## Data sheet

**Product:** Terracotta Tile – Clay Brick

**Code:** SKU 163

Descriptions	The terracotta tile is a handcrafted product made from natural clay 100% Natural Clay. Each piece is hand-molded, dried, and then fired at temperatures above 2,192°F (1,200°C) for 48 hours, which provides strength and durability. Due to its manual manufacturing process, tiles may show variations in size, shape, color, and texture, adding a unique character to every installation.														
Physical Properties:	<ul style="list-style-type: none"><li>• Water Absorption: 6% – 10% (ASTM C373)</li><li>• Breaking Strength: &gt;275 lbf (ASTM C648)</li><li>• Modulus of Rupture: ≥15 MPa (ASTM C99)</li><li>• Apparent Porosity: 10% – 20%</li><li>• Bulk Density: 1.8 – 2.0 g/cm³</li><li>• Mohs Hardness: Approx. 7–8</li></ul>														
Applications	Ideal for residential and commercial floors, patios, corridors, terraces, kitchens, and rustic interior designs—suitable for both indoor and outdoor use.														
Sizes		<table><tr><th>Width (Inch)</th><th>Length (Inch)</th></tr><tr><td>11.40"</td><td>11.40"</td></tr><tr><td>12"</td><td>12"</td></tr><tr><td>14"</td><td>44"</td></tr><tr><td>16"</td><td>16"</td></tr><tr><td>16"</td><td>12"</td></tr></table>	Width (Inch)	Length (Inch)	11.40"	11.40"	12"	12"	14"	44"	16"	16"	16"	12"	
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Thickness		<table><tr><th>Inch</th></tr><tr><td>3/4"</td></tr></table>	Inch	3/4"											
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Why Choose Terracotta?	<ul style="list-style-type: none"><li>• <b>Unique Aesthetic:</b> Every tile is slightly different in tone and texture, creating one-of-a-kind floors full of warmth and character.</li><li>• <b>Highly Durable:</b> The firing process enhances strength, making them suitable for heavy foot traffic and outdoor environments.</li><li>• <b>Eco-Friendly:</b> Produced with minimal environmental impact and free from synthetic additives.</li><li>• <b>Versatile Design:</b> Perfect for Mediterranean, rustic, farmhouse, or modern organic styles.</li></ul>														
Surface & Finish	<ul style="list-style-type: none"><li>• Finish: Natural, unglazed</li><li>• Surface Texture: Smooth to rustic, depending on mold and firing process</li><li>• Color Range: Earthy tones from light red to burnt orange; variations are natural and expected</li></ul>														
Installation	Installing Terracotta typically involves the following steps:														



	<p><b>Surface preparation:</b> The surface where the terracotta will be installed should be clean, dry, and level. Any existing flooring or wall covering should be removed, and the surface should be cleaned and leveled as needed.</p> <p><b>Cutting and fitting:</b> Terracotta is a natural clay and can vary in shape and size, so it may need to be cut and fitted to achieve the desired look.</p> <p><b>Mortar application:</b> Once the terracotta is cut and fitted, a layer of mortar is applied to the surface where it will be installed. The mortar is usually a mix of Portland cement, sand, and water.</p> <p><b>Laying the terracotta:</b> The terracotta tiles or slabs are then laid in the mortar, starting from one corner of the room, and working outward. Spacers are used to ensure even spacing between tiles, and a level is used to ensure the surface is even.</p> <p><b>Grouting:</b> Once the terracotta is laid, the spaces between the tiles are filled with grout. The grout is usually a mixture of sand, cement, and water.</p> <p><b>Sealing:</b> Finally, the terracotta is sealed with a penetrating sealer to protect it from stains and moisture.</p> <p>It is important to note that the installation process may vary depending on the specific application and the type of terracotta being used. It is recommended to consult with a professional installer or follow manufacturer instructions for best results.</p>
<b>Maintenance</b>	<p>Regular Cleaning: Sweep or vacuum to remove abrasive particles; clean with a damp cloth and pH-neutral detergent.</p> <p>Re-sealing: Depending on traffic and usage, it is recommended to reapply sealer every 1–2 years to maintain protection.</p>
<b>Additional Considerations</b>	<p>Due to the artisanal nature of terracotta tiles, small imperfections such as color variations, irregular textures, and slight dimensional differences are normal. These features contribute to the authenticity and beauty of the final finish. Dimensional Tolerance: <math>\pm 2</math> mm, Flatness Tolerance: <math>\leq 1.5\%</math></p>
<p>Because the supplied product comes from a mineral of natural origin, its properties may have slight variations, with respect to the data reported in this technical sheet. Any concerns please contact the technical department. Phone. (+1) 562 572 6543 (+57) 300 223 7490 E-mail: <a href="mailto:contact@meupusa.com">contact@meupusa.com</a> <a href="mailto:info@meup.co">info@meup.co</a> <a href="mailto:sami@meup.co">sami@meup.co</a> <a href="mailto:howisin1@gmail.com">howisin1@gmail.com</a> – <a href="http://www.meup.co">www.meup.co</a> <a href="http://www.meupusa.com">www.meupusa.com</a></p>	