

Areas of Application	<p>Unfired clay brickwork in accordance with CLAYTEC Materials &amp; Workmanship Data Sheet 1.2  Floor loading in accordance with CLAYTEC Materials &amp; Workmanship Data Sheet 4.3  Infill Construction in accordance with CLAYTEC Materials &amp; Workmanship Data Sheet 5.1  Building of non-structural, thermally massive internal walls and linings.  For stack-bonded linings, floor loadings and pugging in floors.  Generally for use in areas which are to be lined or plastered. For exposed unfired clay brickwork we would recommend the use of CLAYTEC 1500 Bricks or CLAYTEC 1200 Bricks.</p>																																		
Composition	Loam or clay																																		
Density	1800 - 1900 kg/m <sup>3</sup>																																		
Supply	Shrinkwrapped on pallets																																		
Storage	Store in dry conditions. Carefully protect from rain and damp, even when storing for short periods of time. 1900 Bricks are susceptible to breakage. Do not stack pallets. Indefinite shelf life if stored in dry conditions.																																		
Coverage	<table border="1"> <thead> <tr> <th>Format</th> <th>115 mm</th> <th>175 mm</th> <th>240 mm</th> <th>Flat</th> </tr> </thead> <tbody> <tr> <td>R1</td> <td>66</td> <td>-</td> <td>132</td> <td>38</td> </tr> <tr> <td>R2</td> <td>55</td> <td>-</td> <td>110</td> <td>38</td> </tr> <tr> <td>R3</td> <td>50</td> <td>-</td> <td>99</td> <td>38</td> </tr> <tr> <td>R4</td> <td>33</td> <td>-</td> <td>66</td> <td>38</td> </tr> <tr> <td>R5</td> <td>-</td> <td>33</td> <td>45</td> <td>25</td> </tr> </tbody> </table> <p>Allow for approx. 5% breakage during transport. Broken pieces can still be used in constructions where bricks are to be installed dry (stack-bonded linings, floor loadings etc.). Where bricks are to be used for brickwork, pieces can be soaked in water and, through the addition of sand, used as a clay mortar. For clay mortar coverage see CLAYTEC Clay Mortar Product Data Sheet.</p>					Format	115 mm	175 mm	240 mm	Flat	R1	66	-	132	38	R2	55	-	110	38	R3	50	-	99	38	R4	33	-	66	38	R5	-	33	45	25
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Application	<p>CLAYTEC 1900 Bricks are installed in the same way as any other brick. It should be noted however that 1900 Bricks may be slightly larger than their format size ( around 3-4% larger) due to the brick moulds being larger than the bricks themselves (to take account for shrinkage during firing). The recommended mortar for 1900 Brickwork is CLAYTEC Clay Mortar. Due to the highly absorbent nature of 1900 Bricks and since a pre-wetting of 1900 Bricks is not possible, lime-based mortars cannot be used.</p>																																		
Drying	<p>A drying of the wall prior to plastering is generally not required since the water within the mortar is quickly taken up by the blocks.</p>																																		
Finishing	<p>CLAYTEC 1900 Bricks can be finished with either CLAYTEC Undercoat Plaster or CLAYTEC One-Coat Plaster. The bricks should be slightly wetted immediately prior to the application of the plaster.</p>																																		
Other	<p>CLAYTEC 1900 Bricks are not suitable for use in structural brickwork, nor can they be used as a substrate for external renders.  CLAYTEC 1900 Bricks cannot be plastered directly with a lime-based plaster.  Brickwork containing 1900 Bricks should be undertaken in accordance with the Dachverband Lehm e.V. "Rules for Clay Construction" or similar UK recommendations.</p>																																		
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