

## LOPO Clay Thin Brick Technical Specification

**Product:** Clay Thin Brick

**Dimensions :** W60\*L240\*T11mm

Characteristics	EN 14411:2012	LOPO Specification	Test Results	Test Reference
<b>Dimensions and surface quality</b>				
Length	± 1.5%/max:± 2 mm	± 2 mm	Qualified	
Width	±1.5%/max:± 2 mm	± 2 mm	Qualified	ISO10545-2
Thickness	±10%	± 1 mm	Qualified	
<b>Surface quality</b>	A minimum of 95% shall be free from visible defects that would impair the appearance of a major area.	A minimum of 95% shall be free from visible defects that would impair the appearance of a major area.	Qualified	ISO10545-2
<b>Physical properties</b>				
Water absorption	3%≤E≤6%	E≤6%, Individual max: ≤6%	Qualified	ISO10545-3
Breaking strength	≥800N	>1000N	Qualified	ISO10545-4
Modulus of rupture	Average≥13	Average≥23	Qualified	
Frost resistance	Test method available	No visible damages after 100 changes of freezing and thawing		ISO10545-12
Thermal shock resistance	Test method available	Free from defects after 10 cycles		ISO10545-9
<b>Chemical properties</b>				
Resistance to low concentrations of acids and alkalis	Test method available	Unaffected		ISO10545-13

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