



## TEST RESULTS

Ironrock's Thin Brick METROBRICK® shall be of standard grade quality and shall exceed all of the requirements of ASTM (American Society for Testing and Materials) C-1088, the standard specifications for thin veneer brick units made from clay or shale.

The ASTM C-1088 standard specifications also require the ASTM C-67 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile as shown below:

SPECIFICATION	TEST	STANDARD	METROBRICK
Efflorescence	ASTM C-67	None	None
Chipping	ASTM C-1088	Max. 3%	<2%
Size	ASTM C-1088	Max. 1%	Meets the Standard
Warpage	ASTM C-1088	Max. .5%	Meets the Standard
Modulus of Rupture	ASTM C-67	250 lbs./sq.in.	>500 lbs./sq.in.
Compressive Strength	ASTM C-67	No Standard	10,000 lbs./sq.in
Absorption	ASTM C-67	Max. 5%	<3%
Saturation Coefficient	ASTM C-1088	<8% - Waived	<3% - N/A
Freeze-Thaw	ASTM C-67	Min. 50 Cycles	Passed 3,000 Cycles
Freeze-Thaw Brick in Concrete	ASTM C-666 Procedure B (as modified per PCI specification published April, 2007)	150 PSI or Greater	Passed 300 cycles Meets the Standard
Shear Bond Strength to Portland Cement	ASTM C-482	Min. 50 psi	>150 psi
Chemical Resistance	ASTM C-650	Not Affected	Not Affected

“METROBRICK” will exceed ASTM C-1088 (Type TBX Select) requirements for exterior grade.

“METROBRICK” will exceed the applicable ANSI (American National Standards Institute) requirements.