

Technical Data Sheet

Cushwa Series
Mid-Atlantic Plant



Product Name	Swatch	Size	Standard	Durability Class (Grade)	Dimensional Variation (Type)	Compressive Strength (psi)	24-hr Cold Water Absorption (%)	5-hr Boil Absorption (%)	IRA (g/min per 30in ²)	Core Volume (%)
1-HB		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Engineer Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
47-HB		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Engineer Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
4-HB		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
50-DD		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
51-DDX		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Engineer Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
52-DD		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Engineer Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
53-DD		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Engineer Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
53-DD 1776		Engineer Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
56-DD		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Engineer Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
Antique Red		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
Danish		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<55	uncored
Danish 1776		Engineer Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
Georgian		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Engineer Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
Provincial		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
Rose Full Range		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
Rose Full Range 1776		Engineer Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
Rose Red Range		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
Shenandoah		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
		Engineer Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
Shenandoah 1776		Engineer Standard	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored
Stonewall		Modular	ASTM C216	SW	FBS	>3,000	<10	<17	<40	uncored

This data represents average results. If specific test results are required, sample should be taken from current production lots. U.S. STANDARD TEST METHODS (ASTM C67) ARE USED AS APPLICABLE, UNLESS OTHERWISE NOTED. ©2024

Size	Width	Height	Length	Weight	Brick per Cube	Brick per Sq Ft
Modular	3-5/8"	2-1/4"	7-5/8"	4.7	530	6.86
Standard	3-5/8"	2-1/4"	8"	4.9	530	6.55
Engineer Standard	3-5/8"	2-3/4"	8"	5.6	430	5.39

Note: Products are also available as Thin Brick, see Thin Brick Technical Data Sheet.

Technical Data Sheet

Cushwa Series -- Thin Brick
Mid-Atlantic Plant



Product Name	Swatch	Size	Standard	Durability Class (Grade)	Dimensional Variation (Type)	Compressive Strength (psi)	24-hr Cold Water Absorption (%)	5-hr Boil Absorption (%)	IRA (g/min per 30in ²)	Core Volume (%)
1-HB Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
47-HB Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
4-HB Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
50-DD Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
51-DDX Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
52-DD Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
53-DD Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
53-DD 1776 Thin Brick		Engineer Standard	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
56-DD Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
Antique Red Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
Danish Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
Danish 1776 Thin Brick		Engineer Standard	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
Georgian Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
Provincial Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
Rose Full Range Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
Rose Full Range 1776 Thin Brick		Engineer Standard	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
Rose Red Range Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
Shenandoah Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
Shenandoah 1776 Thin Brick		Engineer Standard	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A
Stonewall Thin Brick		Modular	ASTM C1088	Exterior	TBS	N/A	<10	<17	N/A	N/A

This data represents average results. If specific test results are required, sample should be taken from current production lots. U.S. STANDARD TEST METHODS (ASTM C67) ARE USED AS APPLICABLE, UNLESS OTHERWISE NOTED. ©2024

Size	Thickness	Width	Height	Length	Weight	Brick per Pallet	Brick per Sq Ft
Modular Thin Brick Flat	3/4"	3/4"	2-1/4"	7-5/8"	1.1	2700	6.86
Modular Thin Brick Corner	3/4"	3-5/8"	2-1/4"	7-5/8"	1.4	1080	4.5/LF
Engineer Standard Thin Brick Flat	3/4"	3/4"	2-3/4"	8"	1.3	2700	5.39
Engineer Standard Thin Brick Corner	3/4"	3-5/8"	2-3/4"	8"	1.4	1080	3.84/LF

Note: Products are also available as Full Brick, see Full Brick Technical Data Sheet.