

Technical Properties: Basic Foam

wedi® Systems meet stringent industry-accepted standards and are independently tested

American Society for Testing and Measuring (ASTM)	ASTM C203-92	ASTM C518-91	ASTM D1621-94	ASTM D4068-95
	ASTM C273-94	ASTM C627-93	ASTM D1623-78	ASTM E84-95
American National Standards Institute (ANSI)	ANSI A118.10-1993			
Uniform Building Code (UBC)	26-3			
Approvals:	City of New York, MEA 912-52-SM	Fundo Shower Base: IAPMO File No.4953 (for USA and Canada)	Meets ASTM + ANSI Standards	TCNA handbook recognized for wall, floor, countertop, etc. applications
		BBA (British Board of Agrément)	UBC	IAPMO/UPC File No.4953
	DIN EN ISO 9001			
Properties & Test Methods Value				
Compressive Strength	ASTM D1621		36 psi (foam only)	
Thermal Conductivity	75°F (25°C) - ASTM C518		0.23 Bbtu in/hr F	
Tensile Strength	ASTM C297		65 psi	
Shear Strength	ANSI A118.10-1999		54 psi	
Waterproof	ASTM D4068 / ANSI A118.10-1999		Passed	
Capillarity			0	
R-Value	75°F (25°) - ASTM C518		4.3hr ft 2 F/Btu/in	
Flexural Strength	ASTM C947		627 psi	
Linear Coefficient of Thermal Expansion			3,5 x 10-5 in/in °F (6.3 x 10in/in °C)	
Robinson Floor Test	ASTM C627		Heavy duty commercial use	
Fastener Pull Through	ASTM C473		Wet 131.8 psi/Dry 196.2 psi	
Temperature Limits			-58/+167° F	
Freeze & Thaw	ASTM C666 - 25 Cycles		No disintegration	
Waterproofness of Assembly	ASTM E331		Passed	
Fungus / Bacteria Resistance	ASTM G21		Passed, No Growth	
Accelerated Aging,	AC 71 - 25 Cycles		No disintegration	
UL 1715	Fire Test of interior Finish Material		Passed, flame spread <20	
Linear Variation	AC 159/ASTM 1037-39		Passed, less than 0.074	
Weight for wedi® System	Width	Length	Thickness	Weight
	3'	5'	1/4"	8.07 lb.
	3'	5'	1/2"	8.67 lb.
	3'	5'	5/8"	8.97 lb.

For technical details and matching accessories, please refer to the product overview.