

Amdry Insulated Subfloor and Wall Panel Physical Characteristics Chart

					Physical properties of EPS				
Model	R Value	Panel size	Panel Thickness	Panel Top Material	Compressive Strength per	Density	Flexural Strength per		
					(ASTM D 1621-10)	(ASTM D 1622-08)	(ASTM C203-05a 2012)		
Amdry Insulated Subfloor									
AMD0150G	R7	24" x 48"	2.09"	OSB	24.6 psi	1.53 lbs./ft3	60.1 psi		
AMD0140G	R5	24" x 48"	1.59"	OSB	24.6 psi	1.53 lbs./ft3	60.1 psi		
AMD0150MG	R7	24" x 48"	1.89"	Tile Backer Board	24.6 psi	1.53 lbs./ft3	60.1 psi		
AMD0140MG	R5	24" x 48"	1.40"	Tile Backer Board	24.6 psi	1.53 lbs./ft3	60.1 psi		
AMD0200G	R9	24" x 48"	2.59"	OSB	24.6 psi	1.53 lbs./ft3	60.1 psi		
AMD0250G	R11	24" x 48"	3.09"	OSB	24.6 psi	1.53 lbs./ft3	60.1 psi	Water Vapor Permeance ng/Pa.s.m2	
								CAN Perms	US Perms
AmDry Insulated Wall Panels									
AMIWP142496	R14	2' x 8'	3.50"	Wall Backer Board	24.6	1.53 lbs./ft3	60.1 psi	57.2	0.98
AMIWP222496	R22	2' x 8'	5.50"	Wall Backer Board	24.6	1.53 lbs./ft3	60.1 psi	57.2	0.98

Classified as to surface Burning Characteristics in accordance with the standard CAN/ULC-S102

Material Details	Classification or rating		Class
EPS Board	Flame Spread	Smoke Developed	
Standard Can/ULC S102.2	290	over 500	
ASTM E84	<75	<450	
Tile / Wall Backer Board	Flame Spread	Smoke Developed	Class
ASTM E84	0	0	Class1A
Combustibility BS EN1182	0		Class1A
Combustibility ASTM E1354-09	pass		Class1A
Combustibility CAN/UL S135	pass		Class1A
Mold/Fungus ASTM D3273	0		Best
Tile / Wall Backer Board CCMC #	13417-R		