



EVERGREEN

Foam & Insulation

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Foam Insulation Product Comparison

	Standard Open Cell	Modified Open Cell	Closed Cell
Product Name	Demilec Sealection 500	Demilec Agribalance	Demilec Heatlok Soy
Density	0.45-0.50 lb/ft ³	0.60-0.80 lb/ft ³	2.1-2.3 lb/ft ³
Rigidity	Semi-rigid	Semi-rigid	Rigid
Structural value	Limited	Limited	Enhanced
Expansion value	≈120:1	≈100:1	≈30:1
R-value, per inch	3.81	4.45	6.74-7.14
Coverage per set, board feet	≈14,000-16,000 bft	≈13,000-15,000 bft	≈3,500-4,500 bft
Maximum thickness per pass	NA	NA	2-3 inches
90 mph, 60 min. wind test	No damage	NA	NA
160 mph gust wind test	No damage	NA	NA
Off-gas test	Pass	NA	Pass
Food source for mold or pests	No	No	No
Air barrier	Yes <0.02 L/sm ²	Yes <0.02 L/sm ²	Yes 0.00004L/sm ²
Vapor barrier	Moderate 6.6 Perms at 3.5"	Moderate 4.95 Perms at 5"	Yes 1.2 Perms at 1"
Sound abatement	Enhanced 50STC / 75 NRC	Enhanced NA	Limited NA
Fire & smoke rating	Class I 21 / 216	Class I 15-20 / 400	Class I 20 / 450
Environmental aspects	Water blown No VOCs, CFCs, HCFCs or H ₂ CO	Water blown No VOCs, CFCs, HCFCs or H ₂ CO	Water blown No VOCs, CFCs, HCFCs or H ₂ CO
Environmental acceptance	ENERGY STAR, LEEDS, USGBC	ENERGY STAR, LEEDS, USGBC	ENERGY STAR, LEEDS, USGBC
ICC approved	Yes	Yes	Yes

Note: All data contained herein was provided by Demilec (USA) LLC or derived from Demilec (USA) LLC materials.