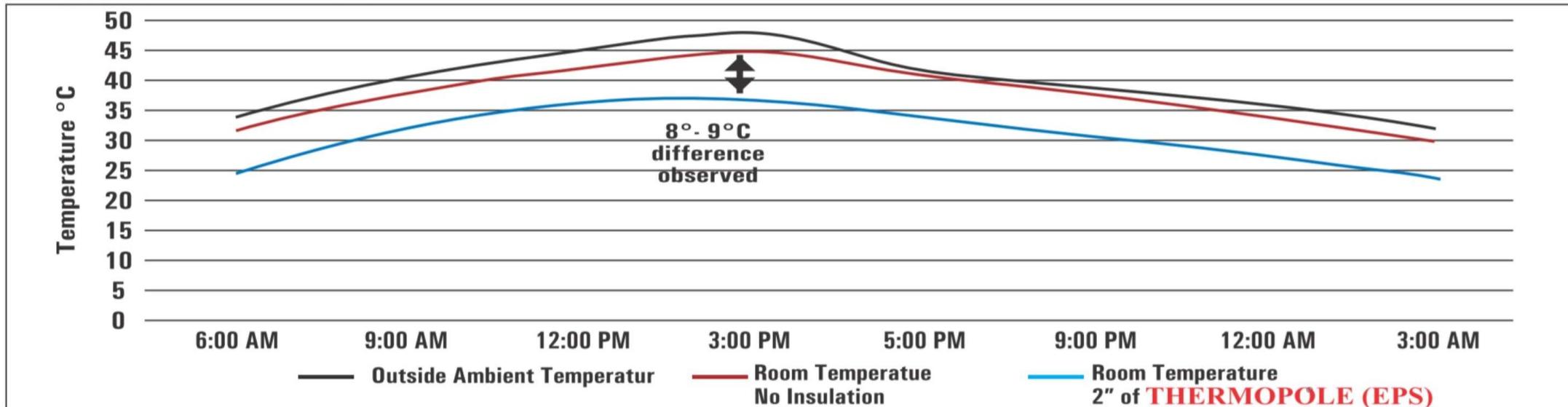


Friend's

THERMOPOLE (EPS) Technical datasheet & Temperature Comparison

	6:00 AM	9:00 AM	12:00 PM	3:00 PM	5:00 PM	9:00 PM	12:00 AM	3:00 AM
Outside Ambient Temperature	34	41	45	48	42	39	36	36
Room Temperature- No Insulation	32	38	42	45	41	38	34	34
Ambient Room Temperature With 2" THERMOPOLE (EPS)	25	32	35	37	34	31	28	28



THERMOPOLE (EPS)

Physical Properties as per ASTM Standards

ITEM	TEST	RESULT
Cell structure	N/A	97.3% Closed Cell Foam
Density	ASTM C-303	35 kg/m ³
Thermal Resistance (R-Value at 1")	ASTM C-518	5.45 F-ft ² -h/Btu
Thermal Conductivity	ASTM C-518	0.030 W/(m.k)
Water Absorption	ASTM C-578	0.15% Immersion
Water Vapour Permeance	ASTM C-272	0.3mg/m ²
Compressive Strength	ASTM C-165	290 kpa
Bending Strength	ASTM C-203	110 Psi
Fire Classification	UL 1256	IF FIRE GRADE Fire retardant A-Grade
Coefficient of linear thermal expansion	BS 4370: Method 13	0.07 mm/mk
Dimension & Density Quality Control	ASTM C-390	5% variation in weight
Edge Profile	N/A	Streight Edge & Ship Lap/Over Lap