

TECHNICAL PARAMETERS OF CLADITO INSULATED EXTERIOR WALL PANEL

ITEM	UNIT	Technical Standard	Test Result	International Standard
Heat Conductivity (25°C)	W/(M,K)	0.04	0.019	GB/T10297-1998
Compression Strength	kPa	30	52.7	JG 149-2003
Water Absorption	G/M ²	424	415	JG 149-2003
Surface Density	KG/M ³	1.7*102	1.821*102	GB/T 6343-1995
The Bending Number Under Anti-Bending Bearing Capacity	0.5KN/MM	18.3	13.3	GB/T 9341-2000
Bonding Strength	MPA	0.1	0.18	JG 149-2003
Salt Resistance (1000H)	/	/	No Damage on Surface	GB/T 5938-1986
Chemical Resistance (15% HCL, 72H)	/	/	Color and Luster Stable	GB/T 17657-1999
Anti-Wind Pressure	KPA	8	9.2	JG 149-2003

TEST DATA OF FIRE RETARDANT PU FOAM

Item	Unit	B Grade Standard	Test Result	International Standard
Flaming Growth Rate Indices : Figra	W/S	<= 120	101	GB8624-2006
Transverse Spreading Length of Flame:LFS	/	<=Sample Edge	Pass	GB8624-2006
The Total Heat Released When Time Reaches 600S:THR600S	MJ	<=7.5	6.8	GB8624-2006
The Flaming Length Within 60S:FS	MM	<=150	135	GB8624-2006

COMPARISON OF THERMAL INSULATION

ITEM	Concrete	Wood	Gypsum Board	Normal External Wall	Cladito Panel
Heat Conductivity	0.8-1.74	0.07-0.233	0.5	0.15	0.019