

PU STONE PRODUCTS

1. PU stone material Design values of thermal conductivity and heat storage coefficient

Insulation Materials	Thermal Conductivity	heat storage coefficient	Correction factor
Polyurethane (PU)	0.025	0.27	1.1

2. GENERAL PHYSICAL CHARACTERISTICS

Density g/pcs	1600g	Formaldehyde emission(mg/L)	0
Termite resistance	Anti-termite	Fire rating	B2(E)
Water absorption	≤ 3%	Adhesion of finish coating	≤ 1级
Fungal resistance	0 Grade	Is the product green certified?	Applied for

3. FIRE DETECTION

Test items		Test method	Requirement		Test Result	Verdict
Flame spread within 20s(Fs), mm	Edge exposure	GB/T 8626-2007	B ₂ (E)	= 150	< 150	Pass
	Surface exposure				< 150	
Flaming droplets/particles within 20s		GB/T 8626-2007		No ignition of the paper	No ignition of the paper	Pass

4. SIZE TOLERANCE

Thickness	±0.5mm	Length of the surface	±0.5mm
Width of the surface	±0.5mm	Deviation from squareness	±0.5mm

USAGE

wall decoration

