

		
Description:	TSM Cement Board (EPS)	TSM Cement Board (Perlite)
Raw Material:	cement, fiber glass mesh,eps beads, perlite etc	
Density:	$\leq 0.95\text{g/cm}^3$	$\leq 1.2\text{g/cm}^3$
Thickness:(mm)	6-20(mm)	3-20(mm)
Size:(mm)	Max Size:Length 3050mm, Width 1220mm	
Tolerance:(mm)	Length and Width (-4,0), thickness(0,0.5)	
Water Content:	8.0%	
Water Absorption:	15.0%	
Dry Shrinkage Rate:	0.2%	
Moisture Movement:	0.3%	
Chloride Ion Content:	0.0%	
Formaldehyde:	0.0%	
Asbestos Content:	0.0%	
Fireproof Rating:	Class A1 (EN 13501-1:2007+A1:2009)	
Fire Resistance:	2 hours	
Bend Strength Resistance:	$\geq 6\text{MPa}$	
Impact Resistance:	$\geq 5.5\text{kJ/m}^2$	
Nail Holding Force:	16N/mm	
Water Permeability:	No water vapour after 24hours test	
Thermal Conductivity:	$\leq 0.2\text{W/m}^2\cdot\text{K}$	
Sound Insulation:	$\geq 41\text{dB}$	
Freeze-Thaw Cycle:	100 Cycles	
Anti-Mould	0(no growth)	
Anti-Bacteria	0(no growth)	
Color:	grey or white	
Applications:	backer board for exterior wall, interior wall, partition wall,ceiling,kitchen countertop, sub-floor etc	