

XPS FOAM BOARD (FX 250)

Properties	Standard	Unit	FX150	FX250	FX300	FX350	FX400	FX450	FX500	FX600	FX700	FW200	FW300
Density (minimum)	GB/T 6343-1995	kg/m ³	28-30	30-33	33-35	35-38	38-41	41-44	44-47	47-50	50-55	28-31	31-35
Thermal Conductivity (90days 10°C)	GB/T10294	W/m.k	≤0.028				≤0.027				≤0.033	≤0.035	
Thermal Conductivity (90days 25°C)			≤0.030				≤0.029				≤0.035	≤0.035	
Compressive Strength	GB/T10801-	kpa	≥150	≥250	≥300	≥350	≥400	≥450	≥500	≥600	≥700	≥200	≥300
Water absorption	GB/T 8810	%	≤1.0									≤2.0	≤1.5
Water vapour permeability	GB/T 2411	Ng/m.s.pa	≤3.0				≤2.0				≤3.5	≤3.0	
Dimensional stability 70°C ± 2°C, 48h	GB/T8811-2008	%	≤2.0	≤1.5			≤1.0				≤2.0	≤1.5	
Flammability	GB/T8624-1997		B1 grade, B2 grade Available										
Length		mm	1200 mm-2400 mm (or any) available										
Width		mm	600 mm,1200 mm available										
Thickness		mm	20mm-100mm	20mm-100mm	25mm-100mm	25mm-100mm	30mm-100mm	40mm-100mm	40mm-100mm	40mm-60mm	50mm	10mm-100mm	20mm-100mm
Minimum Thickness (Square Edge)		mm	20mm	20mm	25mm	25mm	30mm	40mm	40mm	40mm	50mm	10mm	20mm
Minimum Thickness (Shiplap Edge)		mm	30mm	30mm	30mm	30mm	30mm	40mm	40mm	40mm	50mm	30mm	30mm
Minimum Thickness (T&G Edge)		mm	40mm	40mm	40mm	40mm	40mm	40mm	40mm	40mm	50mm	40mm	40mm
Surface type			Withskin									Without Skin	
Applications:													
Concrete flat notbearing roofs			x	x	x								
Concrete flat bearingroofs				x	x	x	x	x	x	x	x		
Exterior wall			x	x								x	x
Home flooring				x	x	x							
Formworks									x	x	x		
Cold storage cellings													
Cold storage wall			x	x									
Cold storage floor				x	x	x	x	x	x	x	x		
Ice rinks				x	x	x	x						
Parking decks				x	x	x	x						
Airport runways							x	x	x	x	x		
Sandwich panels			x	x	x	x							
Canal construction					x	x	x	x					
Road foundation								x	x	x	x		
Rail way foundation										x	x		
Farm (for chicken, pig ...)			x	x	x	x	x						

TECHNICAL SHEET



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