



























• Davida	CRITICAL		
 Density 			
Compressive Str	•		
Dimensional Sta	bility		
 Flexibility 			
v	ERY IMPORTANT		
Thermal insulati	on		
Sound Insulation	า		
Fire Resistance		_	
Economical		-	



Panel Dry wall Vs Brick wall						
S. No.	Properties	Unit	Aerocon Panel (50mm thick)	Clay Brick (115mm Thick + both side 15 mm plastering)		
1	Weight	Kg/m²	39	268		
2	Density	Kg/m ³	780	2000		
3	Thickness	mm	50 mm	145 mm		
4	Dead load(3 m height)	kg/run.m	129	804		
5	Thermal conductivity	W/m deg. K	0.22	0.84		
6	Carpet Area(10' x 10' room)		10% More	-		
7	Surface Finish		Factory Finish Surface & ready to paint	Surface finish to be prepared manually at site		
8	Fire rating		1 hour	1 hour		
9	Water Absorption		Up to 8%	Upto 28.00%		
10	Termite Resistance		Yes	Yes		
11	Faster & Dry construction		Yes	No		
12	Plastering		Not Require	Require		
13	Consistency in Quality		Factory Made	Depends on workmanship		













































