Al Shamlan

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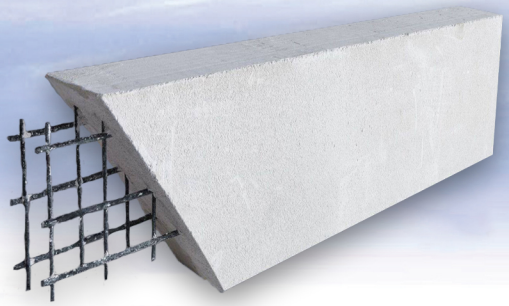


PAC LINTEL

Features and Benefits

- ✓ Pac Lintels are reinforced
- ✓ Accelerate The Construction time
- ✓ Reduce the labor cost
- ✓ Identical material with Pac Block wall
- ✓ Uniform substrate for rendering
- ✓ Thermal insulator, Reduces thermal bridging
- ✓ Customized length up to 3000 mm
- ✓ Available in rectangular and arch shape

AL-Shamlan Insulating Block

We are expert and specialists are our most valued asset

Material Technical Data Sheet

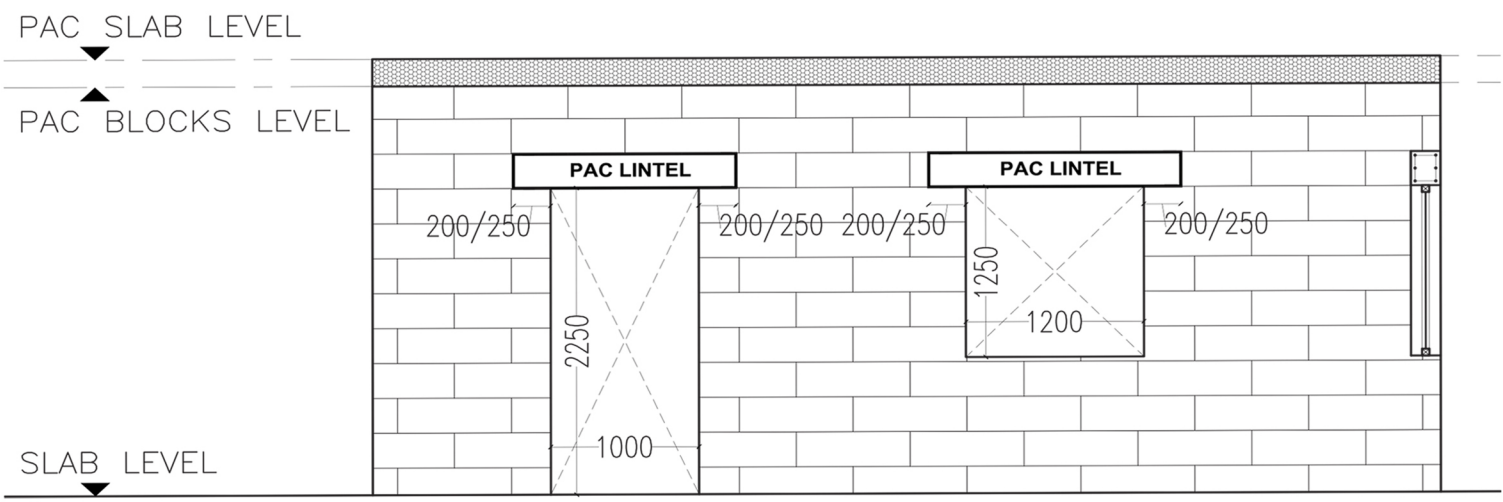
	PAC Lintel	
Density grade	PAC - 4	PAC - 6
Mean Compressive Strength (MPa)	5	7.5
Mean dry density (kg/m3)	500 - 600	600 - 700
Mean working density (kg/m3)	600 - 700	700 - 800
Dimensional tolerance (mm)	± 3.0	
Dry thermal conductivity [w/(m.k)]	≤0.13	≤0.15
Dry shrinkage (mm/m)	≤0.02%	

Maximum span of lintel with different Load and Thickness at 200 mm height

Design Load + Thickness	100 mm	150 mm	200 mm	250 mm
5 kN/m	1100	1900	2700	3000
10 kN/m	–	800	1100	1500
15 kN/m	–	–	600	900

Maximum span of lintel with different Load and Thickness at 250 mm height

Design Load + Thickness	100 mm	150 mm	200 mm	250 mm
5 kN/m	1500	2500	3500	4500
10 kN/m	600	1000	1500	2000
15 kN/m	–	600	900	1150



AL–Shamlan insulated Block

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