

COST ESTIMATION FOR REFERENCE

(Non-load bearing wall)

No	APPLICATION	STARKEN AAC Panel (3.5mpa)			Clay Brick			Cement Sand Brick		
1	TYPE	INTERNAL WALL	EXTERNAL WALL	M&E ROOM	INTERNAL WALL	EXTERNAL WALL	M&E ROOM	INTERNAL WALL	EXTERNAL WALL	M&E ROOM
	Material Thickness	100 mm	100 mm	200 mm	100 mm	100 mm	200 mm	100 mm	100 mm	200 mm
	Finished Wall Thickness	110 mm	115mm	210 mm	150 mm	150 mm	230mm	150 mm	150 mm	230mm
	Finishes - Internal Face	3-5 mm Skimcoat	3-5 mm Skimcoat	3-5 mm Skimcoat	25mm Plaster	25mm Plaster	25mm Plaster	25mm Plaster	25mm Plaster	25mm Plaster
	Finishes - External Face	-	10-12mm Render	-	-	25mm Plaster	-	-	25mm Plaster	-
2	COST - Wall	RM /m ²	RM /m ²	RM /m ²	RM /m ²	RM /m ²	RM /m ²	RM /m ²	RM /m ²	RM /m ²
	Material	45.00	45.00	90.00	25.80	25.80	51.60	12.00	12.00	24.00
	Mortar / Thin Bed Adhesive	1.30	1.30	2.60	6.00	6.00	12.00	6.00	6.00	12.00
	Wastage (3% AAC, 10% Brick)	0.00	0	-	3.18	3.18	6.36	1.80	1.80	3.60
	Labour + installation tools	22.00	22.00	30.00	15.00	15.00	30.00	15.00	15.00	30.00
3	Sub-Total (RM/m2)	68.30	68.30	122.60	49.98	49.98	99.96	34.80	34.80	69.60
	Add : Profit 15%	10.25	10.25	18.39	7.50	7.50	15.00	5.22	5.22	10.44
4	Sub-Total Of Wall (RM/m2)	78.55	78.55	140.99	57.48	57.48	114.96	40.02	40.02	80.04
5	FINISHES									
	Skim Coat (Material + Labour + Mesh)	18.00	9.00	18.00	20.00	10.00	20.00	20.00	10.00	20.00
	External Render (Material + Labour)	-	14.00	-	-	-	-	-	-	-
	Plastering (Material + Labour)	-	-	-	50.00	50.00	50.00	50.00	50.00	50.00
6	Sub-Total Of Finishes (RM/m2)	18.00	23.00	18.00	70.00	60.00	70.00	70.00	60.00	70.00
7	Total Wall + Finishes (RM/m2)	96.55	101.55	158.99	127.48	117.48	184.96	110.02	100.02	150.04
	Lintel (If Necessary)	0	0	0	30.00	30.00	30.00	30.00	30.00	30.00
	Stiffener	0	0	0	18.00	18.00	18.00	18.00	18.00	18.00
	Total System Cost	96.55	101.55	158.99	193.48	183.48	250.96	158.02	148.02	198.04

Updated : 1th January 2021

- Note :
- 1. Price may vary depending on quantity, location, design and project site. The prices shown above are based on Klang Valley only.
 - 2. The price for claybrick is based on RM 0.43/pc, RM0.20/pc ofr cement sand brick (assumed 60pcs/m2).
 - 3.AAC Panel is priced at RM81.0/pc for 3000 x 200 x 100mm.
 - 4.Our AAC Wall Panel can be act as a lintel and stiffener, therefore there is no requirements to install both material if using our AAC Wall Panel.
 - 5.Lintel price will be Rm30 - Rm65/m2 depending on size. Stiffener price will be Rm54/55m which equivalent to Rm18/m2.
 - 6.Using our wall panel will be 100% wastage free due to cut to size design.
 - 7.Using our AAC Wall Panel will be 3 times faster than using conventional bricks and 1.5 times faster than AAC block.
 - 8.Using our Wall panel will be cost savings in sub structure and super structure cost due to 3 times lighter than conventional bricks.
 - 9.The comparison table is based on estimation. Actual supply& install rate is subject to actual site measurement & to be quoted by applicators.