



22° Felt



30° Slate



35° Tile

The proven design of our Classic Loose Box dates back to the 1950's when quality materials and excellence of carpentry skills were more the norm. We have built on this tradition, gradually refining the product and our manufacturing processes to deliver the exceptional range of equestrian buildings that we offer today. All our loose boxes have generous headroom. We use exactly the same trussed rafter roof structure whether slates, tiles or boarded and felted roof finish is specified. Many of our skilled staff have been with us for over 20 years. Our in-house engineer prepares detailed CAD drawings and deals with structural calculations when required. Informed office staff are always on hand to assist at every stage.

Choose Passmores for an equestrian building that reflects true quality, reliability, and lasting value.

# TECHNICAL SPECIFICATION

22° Felt

**Foundations.** Either a concrete raft or trench foundation with single course perimeter brickwork is ideal. Depth and width of perimeter trench and overall concrete thickness will vary depending upon ground conditions. Please refer to foundation drawing. In the event of proximity to mature trees a local structural engineer should be consulted.

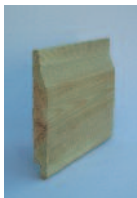
**Loose Box Walls.** Passmores supply and lay a bitumen felt dpc. The factory made wall panels are constructed from softwood sole and head plates and studs at 600mm centres. Studwork size is 4 x 2 CLS (38 x 89). Racking forces are taken by opposing pairs of cut in raking noggins or plywood linings. Studs are doubled at panel joints and loose box door frames and trebled at corners. Panels are joined with bolts or coachscrews. Openings supporting trusses are spanned with solid or box beams. Cladding is fixed over breather membrane with 12 gauge stainless steel nails. Cladding, sole plates, fascias, bargeboards and door tgv is pressure preservative treated. Wall panels are anchored with M12 thru-bolts or fabricated steel brackets and concrete screws. Loose boxes are lined to 1.2m height in 12mm exterior grade Finnish plywood and partitions are lined to eaves.

**Loose Box Roof.** Buildings are supplied with fabricated trussed rafters, constructed to BS EN 14250 and spaced at 0.6m centres. Scissor trusses are used in loose boxes providing 2.78m headroom at 22° pitch. Trusses are pressed metal bracketed to wall panels. Clad gables are fitted with bargeboards and louvred ventilators. Side walls are fitted with fascias. Roof canopy ceiling is 16 x 125 t&g boarding. Felt Roof Buildings have a roof pitch of 22° and roof deck of 15mm osb III. 1 timber ridge ventilator is supplied per 2 loose boxes. Tiled/slate roof buildings have varying roof pitches (22° - 35° dependent upon customers tile choice). Timber ridge ventilators are not supplied and the roof is not boarded. Your tiler should install ventilating ridge tiles. Gutters and down pipes are an optional item from Passmores. Your groundworks contractor should provide rain water gullies, underground pipes & soak pit, all as described on the foundation drawing.

**Loose Box Claddings.** All are machined from joinery grade Swedish Redwood (Pinus Sylvestris) and pressure treated.



**Standard weatherboard**  
2 ex 32 x 150 rebated sawn featheredge weatherboard



**Standard Shiplap**  
19 x 125 rebated planed shiplap



**Shiplap upgrade**  
25 x 150 rebated planed shiplap

*Please ask for sample*

## Loose Box Roof Options

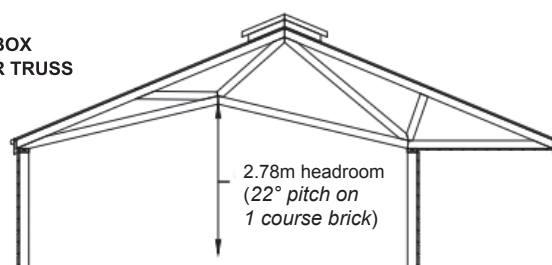
### Tiled roof

Choose 22° - 35° pitch with 685N/m<sup>2</sup> design load. Will suit slates or tiles

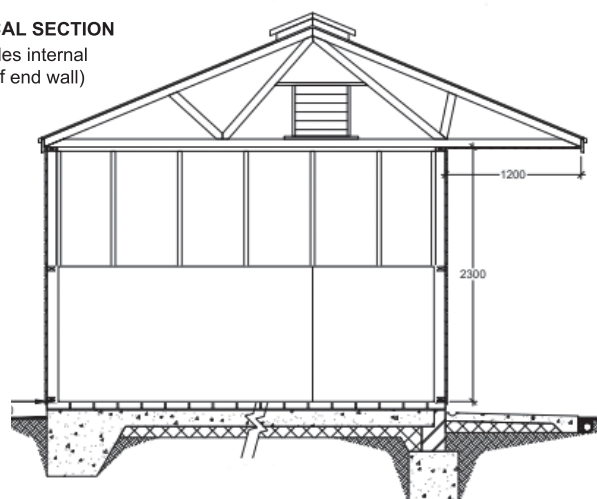
### Felt roof

22° pitch with 685N/m<sup>2</sup> design load with 180 polyester high performance green mineral felt on 15mm osb III roof deck

### LOOSE BOX SCISSOR TRUSS



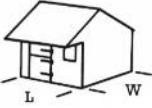
### TYPICAL SECTION (includes internal view of end wall)




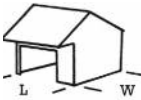
30° Slate



30° Slate


CLASSIC LOOSE BOX	Size L x W	Roof Type		Erection Charge		
		Ready for Tiling 22°-35° pitch	Boarded & Felted (22° pitch)			
 <ul style="list-style-type: none"> <li>• 4 x 2 CLS (38 x 89) planed frame</li> <li>• 19 x 125 planed shiplap</li> <li>• 2.3 eaves</li> <li>• 1.2m lined canopy</li> <li>• 2.1m x 1.2m door</li> <li>• Hopper window with grill</li> <li>• Scissor trusses at 0.6m centres</li> <li>• 12mm kick boards to 1.2m height</li> <li>• 1 ridge vent per 2 boxes (felt roof only)</li> </ul> <p>Other sizes available</p>	3.0 x 3.6	First Box	£4,495	£5,043	£495	
	(10 x 12)	Additional Box	£2,996	£3,546	£329	
	3.6 x 3.6	First Box	£4,878	£5,537	£536	
	(12 x 12)	Additional Box	£3,378	£4,037	£372	
	4.2 x 3.6	First Box	£5,263	£6,029	£579	
	(14 x 12)	Additional Box	£3,762	£4,532	£414	
	4.8 x 3.6	First Box	£5,645	£6,523	£621	
	(16 x 12)	Additional Box	£4,144	£5,023	£456	
	5.4 x 3.6	<b>Corner box</b>		£5,168	£6,156	£569
	(18 x 12)					

TACK ROOM	Size	Price 1	Price 2	Price 3
 <ul style="list-style-type: none"> <li>• FLB door</li> <li>• Supplied unlined</li> </ul> <p>Other sizes available</p>	1.8 x 3.6 (6 x 12)	£1,442	£1,771	£159
	2.4 x 3.6 (8 x 12)	£1,782	£2,219	£196
	3.0 x 3.6 (10 x 12)	£2,122	£2,668	£233

HAY STORE	Size	Price 1	Price 2	Price 3	
 <ul style="list-style-type: none"> <li>• 2.05m high x 2.3m wide entrance</li> <li>• Supplied unlined</li> </ul> <p>Other sizes available</p>	3.0 x 3.6 (10 x 12)	£1,987	£2,352	£219	
	3.6 x 3.6 (12 x 12)	£2,318	£2,977	£255	
	4.8 x 3.6 (16 x 12)	£2,990	£3,868	£329	
	5.4 x 3.6 (18 x 12)	£3,335	£4,312	£367	
	6.0 x 3.6 (20 x 12)	£3,667	£4,765	£403	
	7.2 x 3.6 (24 x 12)	£4,352	£5,647	£479	
	4.8 x 3.6 (16 x 12)	<b>Corner Hay Store</b>	£3,452	£4,495	£380
	5.4 x 3.6 (18 x 12)		<b>Corner Hay Store</b>	£3,902	£4,890


MOBILE FIELD SHELTER	Size	Price 1	Price 2
<p>Free standing</p> <ul style="list-style-type: none"> <li>• 3 x 2 CLS (38 x 63) planed frame</li> <li>• 19 x 125 planed shiplap</li> <li>• 2.3m eaves</li> <li>• 2.05m high x 2.3m wide entrance</li> <li>• Onduline roof</li> <li>• 12mm kick boards to 1.2m height</li> <li>• 150mm x 75mm pressure treated skids</li> <li>• 300 x 60 x 6 galv. steel bracketry and towing chains</li> </ul>	3.0 x 3.0 (10 x 10)	-	£2,629 £289
	3.6 x 3.0 (12 x 10)	-	£2,920 £321
	4.2 x 3.0 (14 x 10)	-	£3,211 £353
	4.8 x 3.0 (16 x 10)	-	£3,502 £385
	5.4 x 3.0 (18 x 10)	-	£3,795 £417
	3.6 x 3.6 (12 x 12)	-	£3,167 £348
	4.2 x 3.6 (14 x 12)	-	£3,453 £380
	4.8 x 3.6 (16 x 12)	-	£3,739 £411
	5.4 x 3.6 (18 x 12)	-	£4,025 £443
	<b>Mobile Shelter door &amp; window conversion panel</b>	Fits into Mobile Field Shelter opening	-

### EQUESTRIAN OPTIONS




**Cladding Upgrade**  
25 x 150 Planed Shiplap  
**+ £23 per m. run of wall**

**Additional Window including grill £205**




**Hopper Window**  
935h x 1110w




**Galvanised Grill**  
10mm bar at 100mm centres


**Additional Doors**



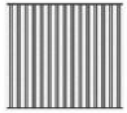
**Loose Box**  
2 Piece  
1200w x 2100h  
**£395**



**Tack Room**  
762w x 1980h  
Framed ledged and braced  
**£229**




**Chatting Window**  
565 x 565  
**£45**

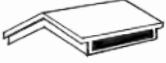


**Partition Grill**  
1040 x 1160  
**£198**

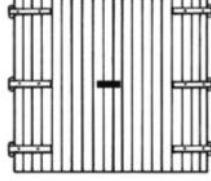
**Ventilation Tower**  
600 x 600 x 1240  
**£640**




**Additional ridge ventilator (For felt roof) £55**



**Garage Doors**  
2136w x 1980h **£549**



**Clock**  
240 volt, 450mm dia.  
Black face  
Gold hands  
**£595**



**Rainwater goods - black plastic**  
112mm half round **£15/m. run**  
High capacity (over 9m run) **£20/m. run**  
Down pipe assembly **£25 each**

**Tiling Service** - Wide range of slates and tiles supplied & fitted • **Price upon application**

**Planning drawings**  
Cost credited at time of order **From £80**



