

## General Construction Elements - all buildings

<b>Sizes</b>	All external sizes are shown on pricelist / drawings with quotation
<b>Walls</b>	3 x 2" nominal (38 x 63 mm) kiln dried CLS timber, dressed & graded to SC3/4 BS5268 Optionally 4 x 2" nom CLS (38 x 89 mm) (Standard on Clyde model) studwork is placed at average 550mm centres and covered with kiln dried tongue & groove softwood weatherboard. 16 and 19 x 125mm nom as standard (12 and 16 x 121mm finished)
<b>Partitions</b>	Framework as above but covered full height with 11mm exterior grade OSB Sterling Board. Optionally 18mm OSB, 12mm MR MDF or Ply, 19mm Sawn. Optional chatgrills - see Ochil or PENTLAND
<b>Ventilation</b>	Gable end louvre slatted ventilators minimum 450 x 375mm. Upper wall ventilators to suit studwork. Ventilation also facilitated by corrugated profile of Onduline.
<b>Doors</b>	Full 1.2m (4') opening in Looseboxes as recommended by the British Horse Society. Stable doors framed in 4 x 2 nom KD CLS timber (as above), lined with 11mm OSB (or to match kicklinings). External vertical 16 x 125 nom (12 x 121 mm act) PTGV pressure treated softwood. Other doors to sizes shown in plans, frame ledged & braced, unlined inside. All doors fitted with fully galvanised fittings including heavy duty tee hinges, padbolts and cabin hooks. Stable doors have angled bottom door chewstrip protection and kickoverlatches. Optional autolok bolts
<b>Roof</b>	Trusses are heavy duty, prefabricated with 3 x 2" nom CLS to approved profile with minimum 15 degree pitch. External trusses fully clad with gable ventilator. Internal trusses are either fully clad with OSB (tack/haystores) or partially clad to create cantilever. Purlins are a minimum 6 x 2 nom CLS (38 x 140 mm fin) or KD softwood to SC3/4 BS5268 and fixed in special BAT galvanised joist hangers at average 515mm centres. Roof gables are finished with 25mm drip flashing and dressed fascia board, also fixed to canopy leading edge. Insulation & sound deadening properties and 15 year manufacturer guarantee. In areas of high wind or snow loading and larger expanses of roof, sarking is strongly recommended. This also benefits reduction in condensation inside the stable. Also available is profile clad roofing in a range of colours which is laid over a sarking deck as standard.
<b>Treatment</b>	All exterior and ground contact timbers are fully pressure treated to BS4072/5268 and guaranteed against rot and insect damage for 15 years. External panels are finished in an environmentally sympathetic natural light green colour. This requires no further treatment (eg creosoting) but the use of a water repellent like Thomsons Waterseal is recommended. The panels are also stainable with spirit based systems to a wide range of colours.

### **STANDARD LOOSEBOX SPECIFICATIONS**

<b>Height</b>	Door Entry	2.100m	(83")	all upgradeable in 150mm
(on brickcourse)	Canopy	2.240m	(88")	(6") steps up to 2.4m (100")
	Ridge	2.922m	(115")	
<b>Canopy</b>		1.152m	(45")	
<b>Sizes</b>	As supplied on basework plans - shown in imperial as nominal for ease of understanding eg 12 x 12' nominal			

	<b>TAY</b>	<b>FORTH</b>	<b>CLYDE</b>
<b>Roof</b>	Black Onduline Translucent option	Black, red, green Translucent option optional	Profile clad (colour) Polycarbonate option standard
<b>Sarking</b>	Optional	lined with w/board	lined with w/board
<b>Canopy</b>	Open, unlined	To eaves / 11mm OSB	To eaves / 18mm OSB
<b>Kickboarding</b> (Looseboxes only)	1.2m (4') / 11mm OSB upgradeable capped	upgradeable dwangs at 1.2m	dwangs at 0.6 & 1.2m
<b>Framework</b>	3 x 2 nom CLS (38 x 63mm act)	3 x 2 nom CLS (38 x 63 mm act)	4 x 2 nom CLS (38 x 89mm act)
<b>Cladding</b>	16 x 125 W-Board (12 x 121mm act)	19 x 125 W-Board (16 x 121mm act)	19 x 125 W-Board (16 x 121 act)
<b>Height</b>	2.24m (88")	2.39m (94")	2.54m (100")
<b>Windows</b> (looseboxes only)	760mm fixed perspex weldmesh grill	Hopper style anti-nosing grill	Multislat louvre anti-nosing grill
<b>Doors</b>	lined bottom heavy duty tee hinges	lined top & bottom autolok & tee hinges	fully lined steel face crook & band hinge
<b>Guttering</b>	not supplied	front & back 112mm	front & back 112mm
<b>Ventilators</b>	gables only	gables & rear walls	gables & rear walls
<b>Arristraps</b>	not supplied	fitted to door edges	fitted to door edges
<b>Baseworks</b>	A min 100mm (4") concrete base with single brickcourse recommended		

## **Standard Fieldshelter specifications**

Unless shown specifically below, specification is as per TAY looseboxes

<b>Height</b> (on brickcourse or bearer)	Door Entry	2.100m	(83")	
	Canopy	2.240m	(88")	Cromarty only
	Ridge	2.922m	(115")	Cromarty apex roof with overhang
		2.822m	(111")	Dornoch apex roof, no overhang
	Front Edge	2.922m	(115")	Beaully Pent roof, flat sloping
<b>Sizes</b>	As supplied on basework plans - dimension shown in imperial as nominal for ease of understanding eg 18 x 12' nominal			
<b>Roof</b>	Black colour Onduline, other colours / translucent sheets on request Sarking option for wind / snow prone locations			
<b>Openings</b>	Supplied to customer preferences, as required on front face of building Maximum 3.0m (10') per bay before support required.			
<b>Ventilators</b>	Gable & rear wall ventilators as standard			
<b>Basework</b>	Concrete base can be laid where required for very permanent locations Fieldshelters are often temporary or built to lowest cost. In this case heavy timber bearers laid on top of prepared ground or crushed, graded level stone After erection we recommend installation of fence posts to each corner			
<b>Kickboard</b>	Optional to 1.2m (4') or eaves height			
<b>Partition</b>	Optional to divide building to create separate room eg for feed			
<b>Closures</b>	Either 5 bar gates or bars / poles with slip rail brackets or springbolts Create internal stalls with adjustable height rails or closures to front opening			
<b>Guttering</b>	Optional to front or rear			

## **INTERNAL STABLE PARTITION SPECIFICATIONS**

<b>Height</b>	Bottom Door Size	1.2m (4')	with chewstrips, kicklatches, all ironmongery
	Lower Sections	1.2m (4')	Sterling Board standard, Ply/MDF optional Vertical 16 x 125 nom treated PTGV softwood
<b>Sizes</b>	3.0 / 3.6 / 4.2m 1.35m	10/12/14'	as standard. Fronts and Partitions as optional door panel only to create corner turn Other bespoke widths to customer order
<b>Main Options</b>	Swivel feeder, Antiweave Grill, 15mm rubber, steelsheet		
<b>Other rooms</b>	option in Pentland / Ochil to create secure tack/feedstores		
<b>Panel Height</b>	<b>Ochil</b>	2.1m panel height (84")	
	<b>Pentland</b>	2.4m panel height (96")	
	<b>Cuillin</b>	2.2m panel height (86.5")	
<b>Framework</b>	<b>Ochil</b>	50 x 75 nom <small>(38 x 63 act)</small> structural CLS with eased edges	
	<b>Pentland</b>	50 x 100 nom <small>(38 x 89 act)</small> structural CLS with eased edges	
	<b>Cuillin</b>	3mm steel galvanised to BS EN1461	
<b>Lower Panel</b>	<b>Ochil</b>	11mm OSB Sterling Board	
	<b>Pentland</b>	18mm OSB Sterling Board	
	<b>Cuillin</b>	28mm recycled solid plastic or pressure treated softwood	
<b>Upper Panel</b>	<b>Ochil</b>	50/50mm galv weldmesh on 1 side of 60cm centre studs	
	<b>Pentland</b>	combined 1.067 or 1.82m wide x 762mm galv solid steel grill 12mm bars, 63mm centres - all edges steel protected	
	<b>Cuillin</b>	25mm Steel Tubes at 63mm centres	
<b>Doors</b>	<b>Ochil</b>	Standard doors with normal padbolt, no frame protectors	
	<b>Pentland</b>	Side hinged but with autolok bolts & frame protectors Crook & Band hinge, 600mm steel plate optional Sliding door options	
	<b>Cuillin</b>	Side Hinged available as standard Optional top hung sliding door with guide stops	