

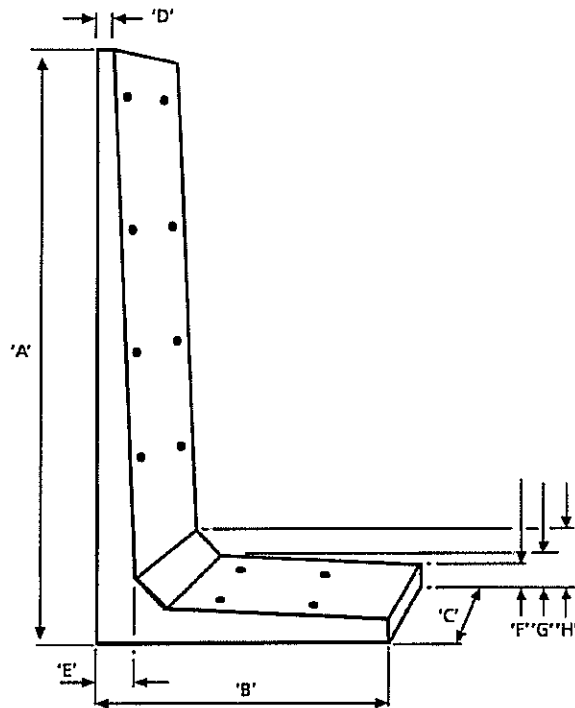
L WALLS

Standard units are designed to retain material with a density up to 16kN/m^3 and an angle of repose greater than 35° . With the retained material level with or below the top of the wall units, a superimposed load of up to 10kN/m^2 can be applied to the fill on either or both wall faces. Alternatively, material can be stored (or an embankment sloped) up to an angle of 30° from the horizontal.

Unit Dimensions

L wall units are available with the following dimensions:

A	B	C	D	E	F	G	H	Nominal Weight (kg)
1000	500	1000	65	80	65	80	220	290
1250	750	1000	130	150	130	150	290	650
1500	650	1000	80	120	80	120	260	550
1750	900	1000	100	150	125	150	290	820
2000	1150	1000	110	165	140	160	325	1160
2400	1400	1000	120	180	150	180	355	1450
2690	1400	1000	120	180	150	335	535	1760
3000	1500	1000	120	200	150	200	375	1850
3750	1850	1000	120	250	150	250	430	2500



All holes nominal 40mm diameter

Corner Units

2 Part Corner Units

1.00m 90° corner

Nominal weight: 150kg/part

Effective wall length: 0.60m/part

1.25m 90° corner

Nominal weight: 450kg/part

Effective wall length: 0.85m/part

1.50m 90° corner

Nominal weight: 330kg/part

Effective wall length: 0.75m/part

1.75m 90° corner

Nominal weight: 650kg/part

Effective wall length: 1.00m/part

2.00m 90° corner

Nominal weight: 1375kg/part

Effective wall length: 1.2m/part

2.40m 90° corner

Nominal weight: 1700kg/part

Effective wall length: 1.50m/part

2.69m 90° corner

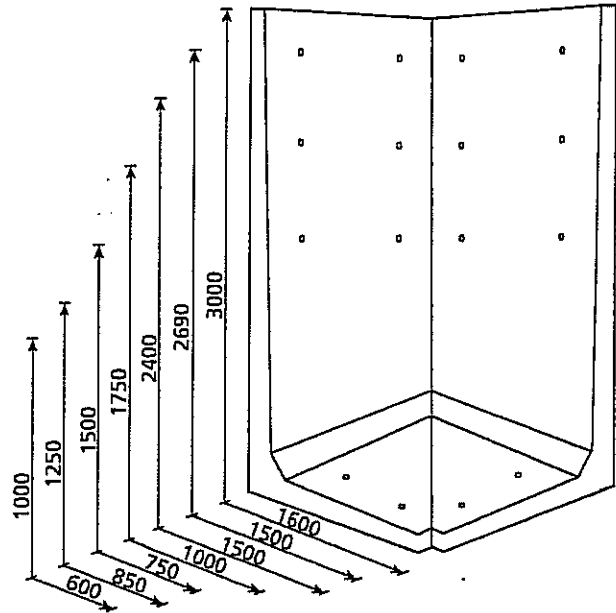
Nominal weight: 2100kg/part

Effective wall length: 2.60m/part

3.00m 90° corner

Nominal weight: 2350kg/part

Effective wall length: 1.60m/part



4 Part Corner Unit

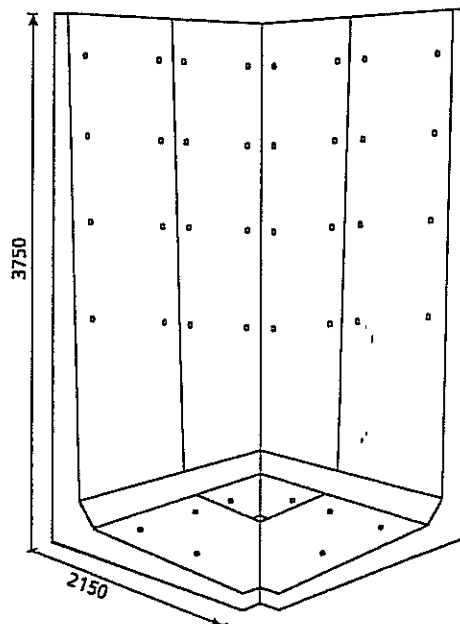
3.75m 90° corner

Nominal weight: 2150kg (inner)

2500kg (outer)

Effective wall length: 2.15m/half

All holes nominal 40mm diameter



Dowel Requirements

Standard units are designed to retain material on either or both sides of the stem as follows:-

1. Level with the top of the wall with a surcharge loading of 10 kN/m^2
2. Sloping from the top of the wall up to a maximum of 30° from the horizontal

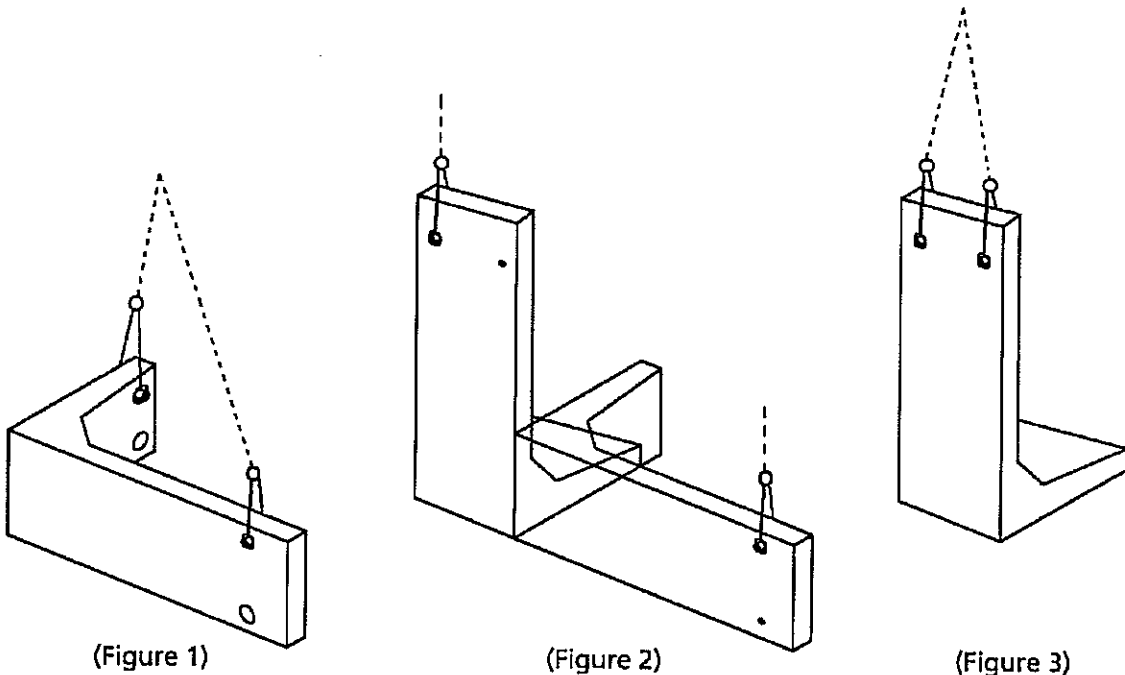
Notes:

1. *Dowel lengths allow for 25mm mortar bed*
2. *Dowels to be high yield deformed Type 2 bar*
3. *Dowels to be secured in place with 30 N/mm^2 non shrink grout*

Anchoring requirements to be confirmed at time of order.

Guidelines for Offloading

L wall units are transported horizontally and should be offloaded in this position. The units should be lifted by equalising points to coincide with the centre of gravity of the unit (figure 1). Lifting into a vertical position (figure 2) should be undertaken just prior to installation (figure 3).



Notes:

1. *Lifting shackles can be supplied for offloading and erection. Lifting chains and straps by others.*
2. *These are guidelines only and it is the customers responsibility to produce a method statement and risk assessment for offloading and erecting the units.*