

new

Introducing 2 metre L Walls

In addition to our standard 1 metre wide L Wall units, FP McCann's new 2 metre walling units are ideal for forming both retaining and containing structures in residential, commercial, industrial and waste developments.

PRODUCT FEATURES

- L Wall units are an ideal product where speed of installation is necessary
- They offer a fast, cost-effective solution to constructing retaining and containing developments
- Standard sizes range from 1m to 1.5m high, with a width of 2m for all units

PRODUCT BENEFITS

- Quick and easy installation, only 1 crane lift
- Create storage bays without imposing a load to the building frame
- No specialist trades required
- Can be loaded either side or both sides of the stem
- Retain material up to 18kN/m³ and AoR 30°
- Stability
- No heel – sheer reverse face

PRODUCT APPLICATIONS

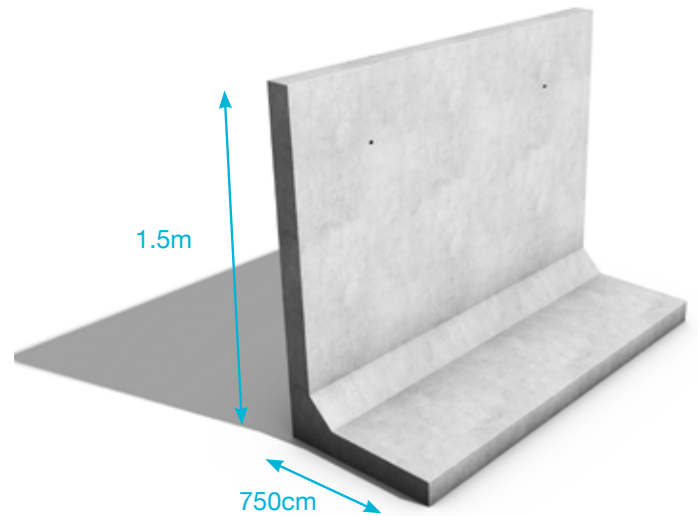
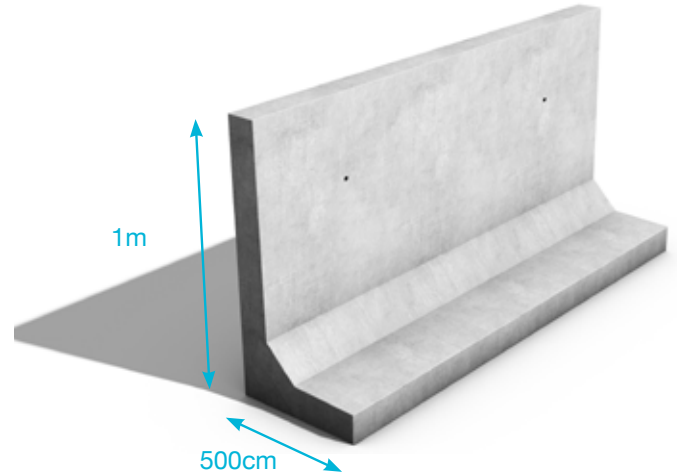
- Storage facilities
- Division walls
- General soil retention
- Waste recycling bunkers
- Making up levels within buildings
- Bunker walls
- Retaining walls



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walling

For further information on our walling products, contact our Grantham office on:
01476 539611 | sales@fpmccann.co.uk
fpmccann.co.uk/walling



STANDARD SIZES

The loading 18 kN/m³ is approximately a bulk density of 1800 kg/m³

Height (mm)	Width (mm) straight unit	Weight (kg) straight unit
1000	2000	860
1500	2000	1380

(Include 5% lifting allowance)

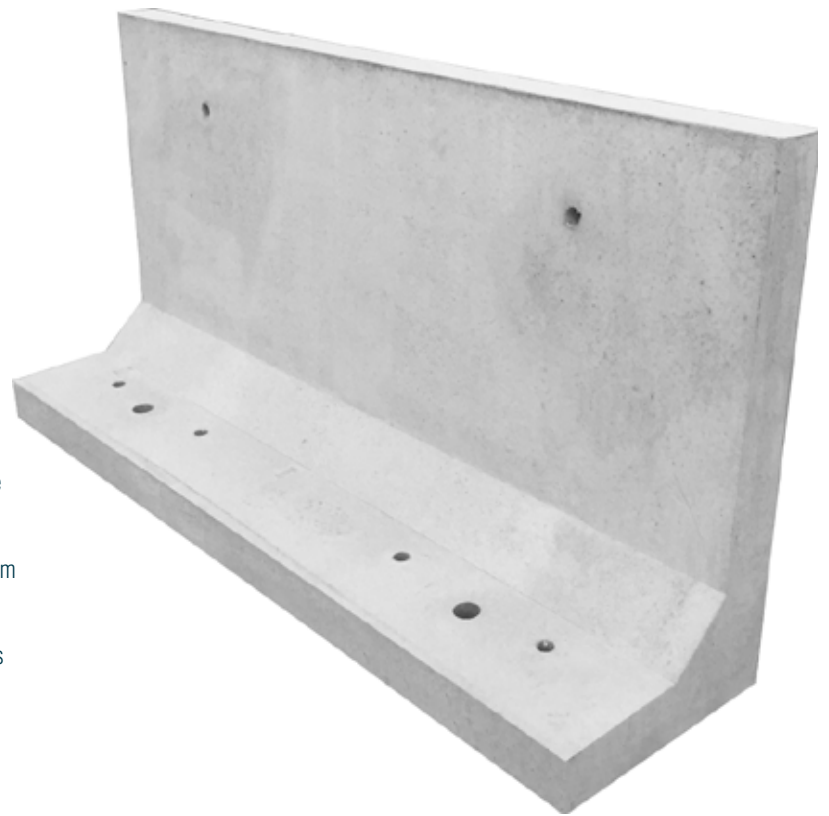
ANCHORS FOR STANDARD CONDITIONS

Unit		Minimum Embedment		Anchor	
Height (mm)	Width (mm)	Foundation (mm)	Unit (mm)	No. & Type	Length (mm)
1000	2000	150	80	4 no. H.16	250
1500	2000	150	80	4 no. H.16	250

2 METRE L WALL

INSTALLATION STEPS

1. Position the units on to the shimmed concrete foundation.
2. Dry pack mortar to the edge of the base of the units to create a seal to the perimeter.
3. Through the 30mm preformed holes, drill a 20mm diameter hole, 150mm deep into the foundation.
4. Fill holes with Silka Anchorfix-1 resin to a level so that when the dowels are inserted, the resin becomes level with the top of the foundation (as a minimum).
5. Insert the H16 dowel bar into the resin. Ensure that the bar is pushed to the base of the drilled hole.
6. Ensure the units are uniformly supported by using the grouting hole to completely flood the shimmed void (and grouting hole) with a suitable high flow non shrink structural grout such as Larson Multigrout 60.
7. Grout around the dowel using a suitable high flow non shrink structural grout so that the dowel is completely encapsulated.
8. Do not touch the dowel bar or unit until grout has achieved full strength, in accordance with grout manufacture guidelines.



FOUNDATIONS

The foundation requirements should be determined by a qualified engineer. Units placed on a concrete foundation should be bedded on mortar and wedged to attain correct alignment. FP McCann recommends that L wall units are suitably anchored to the foundation.

HANDLING AND INSTALLATION



Units are delivered laid down on their edge and are fitted with 2 no. recessed lifting anchors. Quick release loops and erection shackles are available for purchase and can be used in conjunction with customer's plant to offload and erect.

Conformity with current lifting legislation and vehicle off-loading is the customer's responsibility.

For further product details, contact Olivia Holmes, Grantham Sales Office on: **01476 539611 | sales@fpmccann.co.uk**