

PETITE BORDEAUX

WALLING



INTRODUCTION

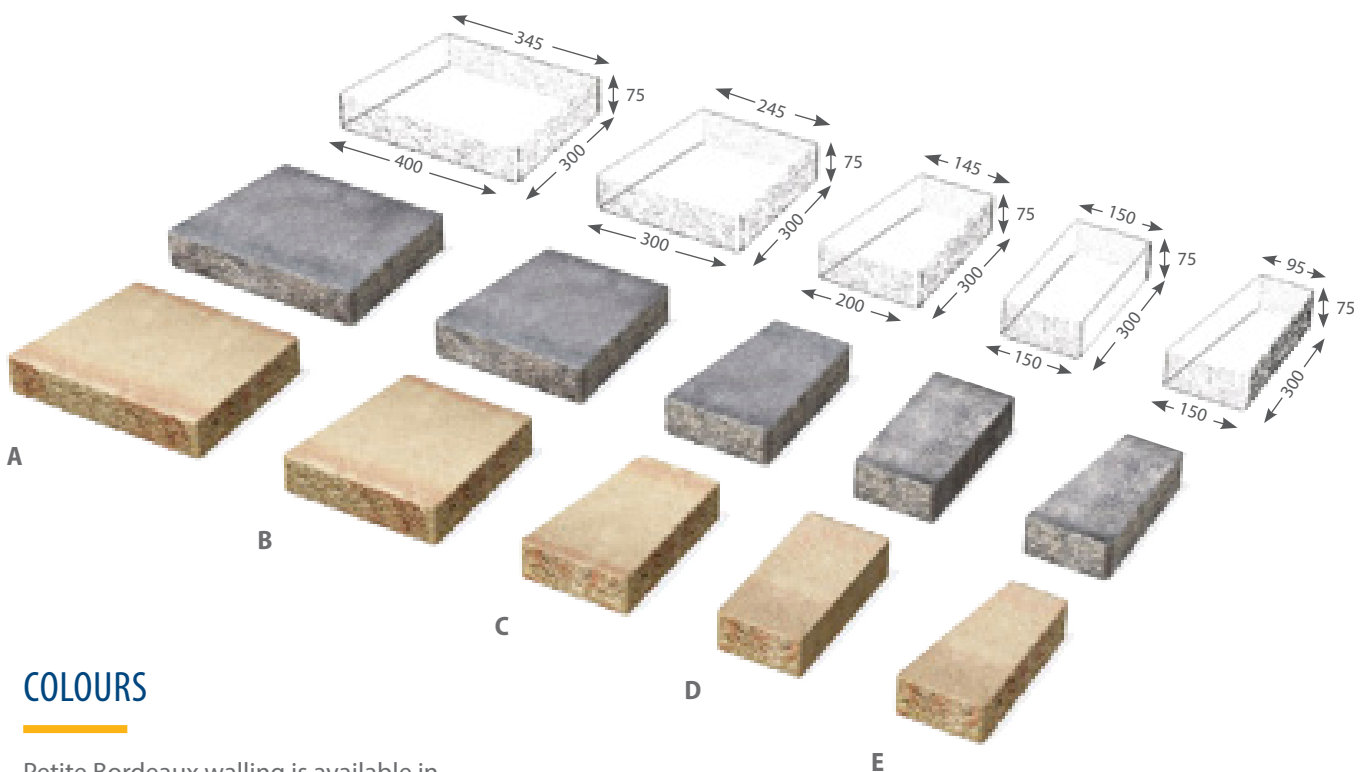
Petite Bordeaux Walling is a versatile dry build walling product. Walls can be built free-standing, straight, curved, 90 degree angles and built in piers. It can also be used with a slightly inclined face to retain small flowerbeds. Projects such as fire pit surrounds, benches, fish ponds, BBQ surrounds, steps, circles and many garden features can all be built with ease.

Each unit is 300mm wide, units 'A, B, C, and E have three sides textured with one side smooth and angled to give flexibility in producing curves. Unit 'D' has two sides

textured and is rectangular in plan. When using Petite Bordeaux Walling for free standing applications it is recommended to use a proprietary masonry adhesive (for external use) or thin bed sand and cement mortar on the top two layers.

The unit height is 75mm and can be built to a maximum of 8 layer layers producing a wall 600mm high.

Petite Bordeaux must not come in direct contact with flames from a fire pit or barbecue.



COLOURS

Petite Bordeaux walling is available in two colours, Limestone and Sandstone

Piece No.	Piece per bale	Block Height	Block Size	Block Size	Block Weight (kgs)
A	20	75	400/345	300	18.5
B	20	75	300/245	300	13.5
C	20	75	200/145	300	9
D	10	75	150/150	300	8
E	20	75	150/95	300	6

1.52 m² of one side of wall face per Bale

Note: Petite Bordeaux has a Class A1 fire rating and does not burn, contribute to flame, and has low heat transfer.

If constructing a fire pit a suitable liner should be used, or for barbecue, a proprietary tray/firebox.

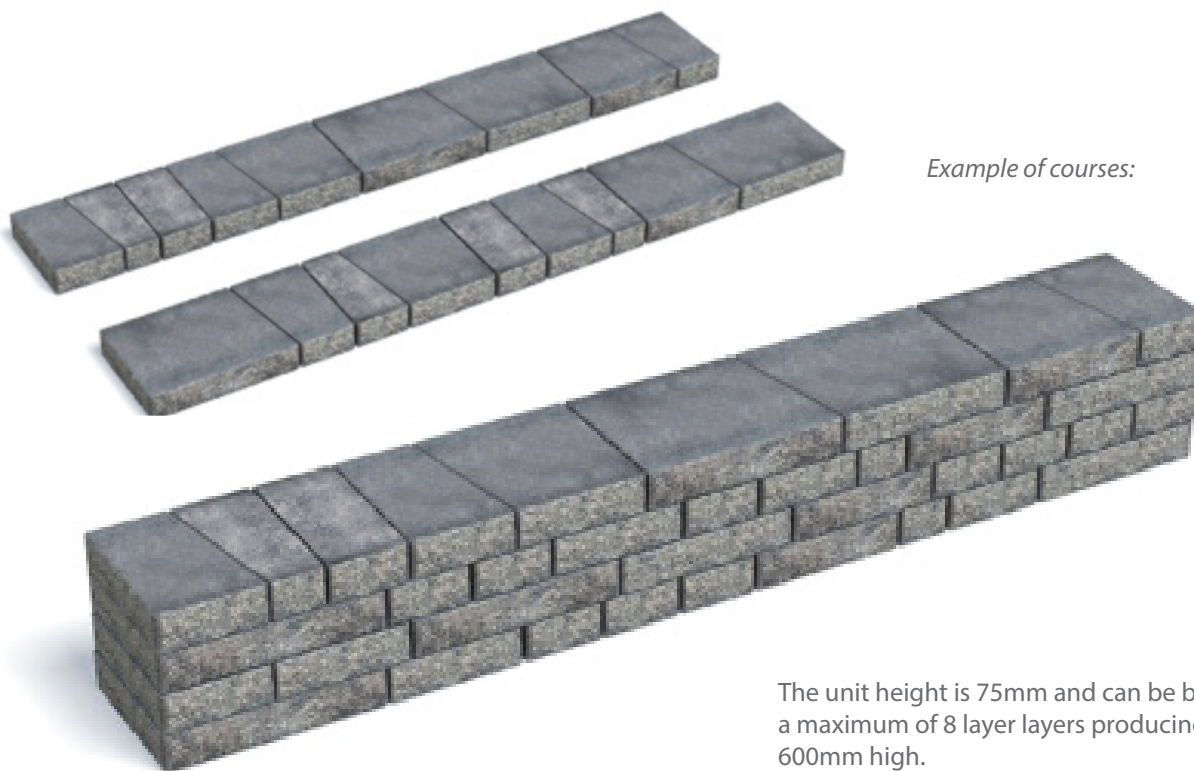
During normal use blacking of the inner block will occur due to smoke and soot build up.

*When building barbecues and fire pits use a proprietary fire cement/mortar

TYPICAL CONSTRUCTION LAYOUTS

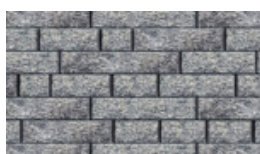
Shown here are two layers of Petite Bordeaux Walling using all the pieces per layer. This layout is typical of what is required to build a wall in the stretcher bond configuration. i.e. no vertical joints directly above the

lower vertical joint. To continue the wall, replace the end blocks with different size units and continue pattern.

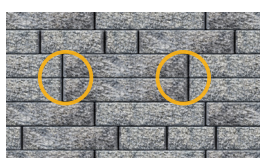


Example of courses:

The unit height is 75mm and can be built to a maximum of 8 layer layers producing a wall 600mm high.



✓ Broken bond



✗ Avoid aligned vertical joints

No. of Bales	Petite Bordeaux Walling	Wall Height 225mm	Wall Height 450mm	Wall Height 600mm
1	Approximate Wall Length lin m	6.8	3.4	2.5
2	Approximate Wall Length lin m	13.5	6.8	5.1
3	Approximate Wall Length lin m	20.3	10.2	7.6
4	Approximate Wall Length lin m	27.1	13.5	10.2





CIRCLES AND CURVES

The Petite Bordeaux walling design makes it easy to construct a variety of curves. The minimum radius that can be built using the random pattern of units without cutting or

using disproportionate amount of the smaller units is 1.8m. To build smaller radii use a larger proportion of smaller units, some cutting may be required.

90 DEGREE CORNERS

Corners can be created with ease when using Petite Bordeaux walling. The units are capable of being used in a 90-degree corner due to having textured faces with 90 degree angles (with the exception of unit D, which has only two sides textured).

Large units should be used at corners to achieve greater strength through overlap and interlock with units above and below.



COURSE 1



COURSE 2



COURSE 3



COURSE 4



WALL OFFSET



- Wider wall geometry provides greater strength
- Offset allows for graceful changes in wall direction

- Offsets are an opportunity for aesthetic geometry and landscape feature areas.

PIERS

The pier utilises a 600mm x 600mm column geometry to develop an integrated pier at the end of a running wall. This detail offers visual aesthetic as well as provides strength at the termination end of the freestanding wall.



FREESTAND PIERS



*void to be filled with cut piece or 3:1 sand:cement.



COURSE 1



COURSE 2

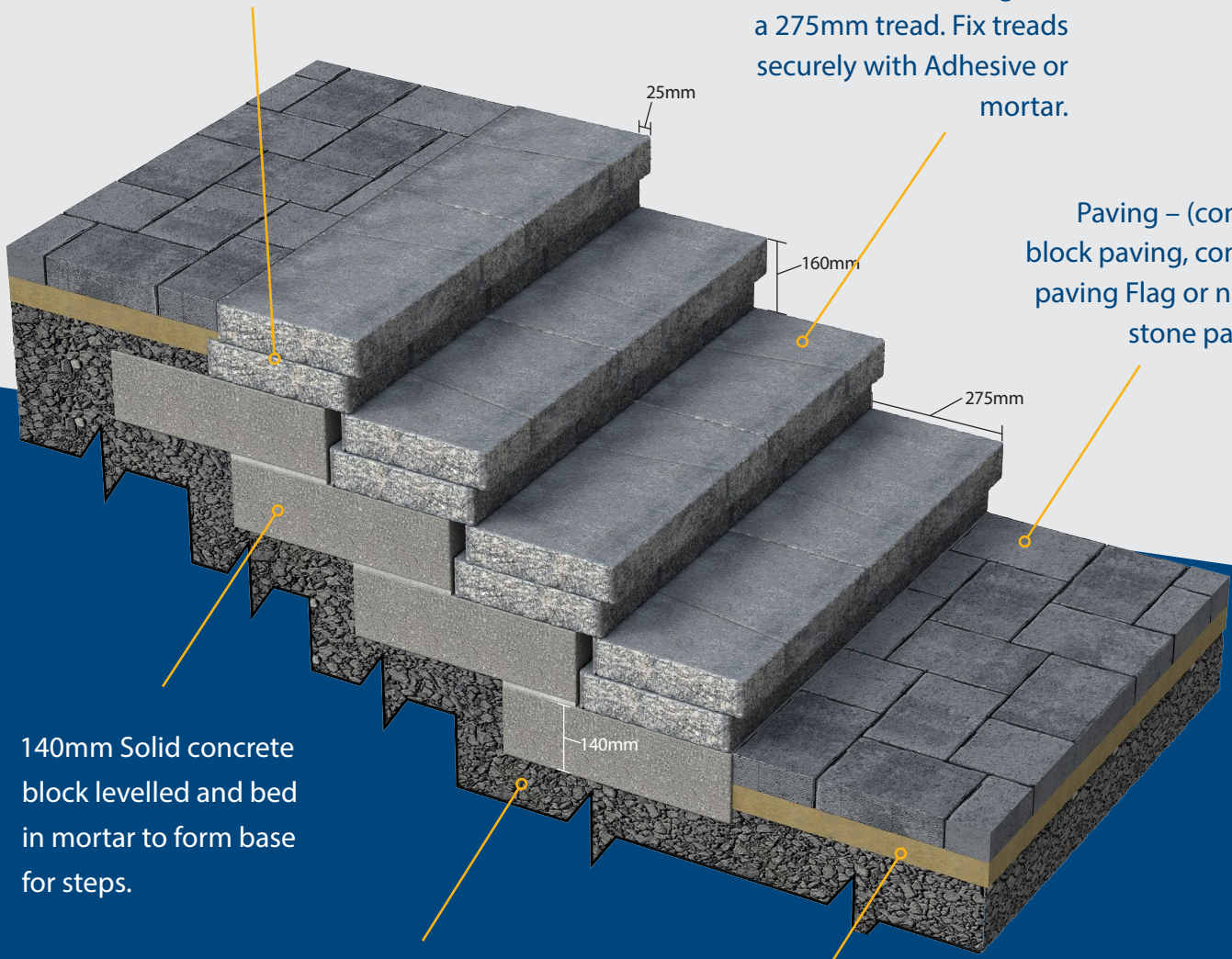


COURSE 3

10mm bedding
joint(traditional
mortar or cement
based adhesives)

Petite Bordeaux placed as
shown to give a 160mm riser
with a 25mm Nosing and
a 275mm tread. Fix treads
securely with Adhesive or
mortar.

Paving – (concrete
block paving, concrete
paving Flag or natural
stone paving).



140mm Solid concrete
block levelled and bed
in mortar to form base
for steps.

Levelling pad of Clean
Hardcore – (Clause 804
or Annex E SR21 T.1
Structural: 0/31.5mm
crushed rock
(0/40mm for crushed
gravel)).

Paving bedding course
(50mm compacted
paving sand or grit).



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