

weekend PROJECT

adbri MASONRY
inspired living



How to build a DIY Patio Wall & Piers AB™ Courtyard

PRODUCTS NEEDED FOR THE PIERS



AB™ Courtyard Pier Cap (Two per pier)



AB™ Courtyard Corner

PRODUCTS NEEDED FOR WALL



AB™ Courtyard York



AB™ Courtyard Cap



AB™ Courtyard Dublin

GUIDE FOR PIERS 6 COURSES HIGH & WALLS 5 COURSES HIGH.

| WALL LENGTH | WALL COMPONENTS | | | COMPONENTS NEEDED PER TWO PIERS | |
|-------------|----------------------|--------------------|-------------------|---------------------------------|------------------------|
| | AB™ COURTYARD DUBLIN | AB™ COURTYARD YORK | AB™ COURTYARD CAP | AB™ COURTYARD CORNER | AB™ COURTYARD PIER CAP |
| 3m | 12 | 23 | 9 | 48 | 4 |
| 4m | 18 | 35 | 14 | 48 | 4 |
| 5m | 24 | 48 | 19 | 48 | 4 |
| 6m | 30 | 60 | 24 | 48 | 4 |

STEPS

How to Build a free standing wall with AB™ Courtyard

NOTE: AB™ Courtyard can be laid direct onto a level pavement or patio and this is the installation method described below.

STEP 1: MEASURE AND MARK OUT

Using a measuring tape, builders square and a pencil, mark the start & endpoint of the overall length of the free standing wall.

From the end point of the wall length, measure back 600mm and make another mark – this is the starting point of the second pier (the end of the wall).

STEP 2: BUILD THE FIRST PIER

Using the AB™ Courtyard Corner blocks, build 6 courses high using the patterns (see left image). Be sure to reverse your pattern on each course to maintain the stretcher bond pattern. Simply dry stack blocks on top of each other and push together. There's no glue, mortar or concrete required.

JASON'S TIP: The Corner blocks have an intentional taper where one side is slightly longer than the other. When building piers, you must lay the blocks with the long side facing out!

STEP 3: CUT AB™ DUBLIN BLOCKS

The trickiest part of this project is ensuring a neat connection between the wall and the piers and because there is no interlock required, the focus is on creating a straight end to the wall blocks so they sit neat against the piers.

This is achieved by cutting (with a wet saw or mallet and bolster), the full unit Dublin blocks into a 1/2 Dublin, a 1/4 Dublin and a 3/4 Dublin (see graphic to right).

IMPORTANT: When splitting or cutting blocks, don't forget your safety glasses, gloves & hearing protection.



Cut for 1/2 block



Cut for 3/4 & 1/4 block

STEP 4: START YOUR WALL

Start your first course with an AB™ Courtyard Dublin 1/4 block; randomly laying both AB™ York blocks and AB™ Dublin blocks until you reach the pencil mark for the starting point of the second pier.

STEP 5: CONSTRUCT THE SECOND PIER

Find your markings for the second pier and start building by following Step 2 from above.

Don't forget to use the cut or split Dublin blocks with straight ends to ensure the wall sits neatly against the pier.

STEP 6: FINISH YOUR WALL

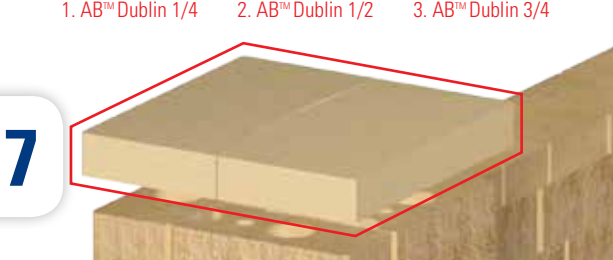
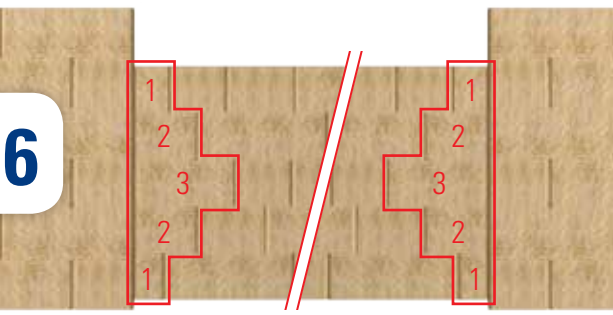
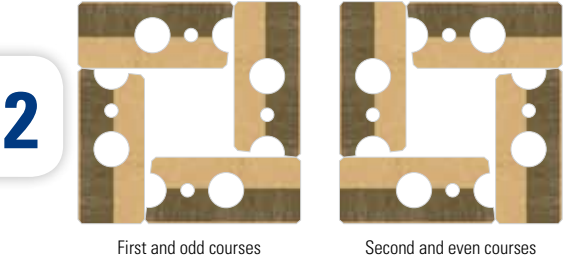
Using the guide (see left image), build additional courses starting against the first pier using the cut or split Dublin blocks. Always follow this pattern. Then, to fill the wall between the piers, randomly lay Dublin and York blocks to create a natural, unique looking wall.

NOTE: A cut block may be required in the wall to ensure a neat, flush fit between the piers.

STEP 7: FINISH BY FIXING PIER AND WALL CAPS

The last step is to finish the look by capping the wall and the piers. The AB™ Courtyard system has specialty caps for both piers and the wall blocks so you will need both to complete this project.

Start with the wall caps and with a landscape grade adhesive, apply a continuous line of adhesive to the tops of the corner blocks that make up the pier. Then, with the help of a friend, place two pier caps atop the pier so the caps meet at a slight peak in the middle and then push down firmly. It's now time to finish the wall caps which again use landscape grade adhesive. Place a continuous line of adhesive along the front and back of the top course of wall blocks and firmly place down.



BRICKS

BESSER® BLOCKS

PAVERS

RETAINING WALLS

FREE
Project planning app!



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AB™ Courtyard - How to build a free standing wall

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