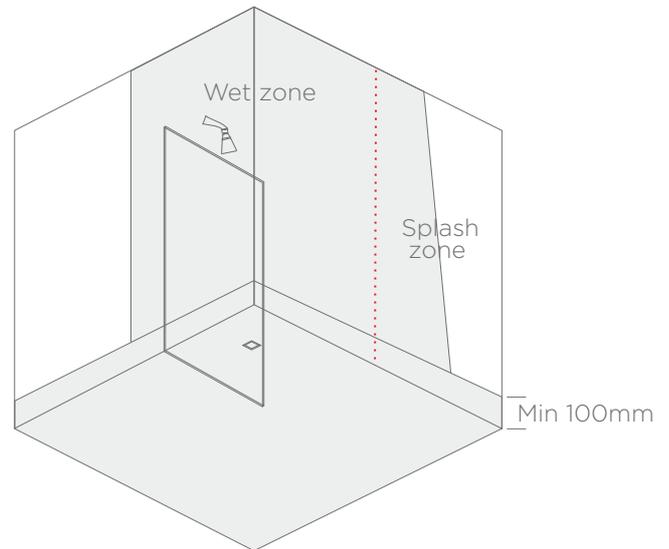


# HOW MUCH TANKING DO I NEED?

## CALCULATIONS TO WATERPROOF YOUR WET ROOM PROJECT

The complete floor area of the wet room MUST be tanked.  
The bottom of the walls must be tanked all the way around the room turning up from the floor by a minimum of 100mm.

All walls in the showering area (wet zone) and splash zone (splash zone 600mm past the wet zone) MUST be tanked from floor to ceiling.



### TO CALCULATE THE SURFACE AREA TO BE WATERPROOFED

#### FLOOR AREA

If the floor area of the wet room is rectangular, measure the width in metres x the length in metres.

##### EXAMPLE A:

This illustration will give you the total area:  $2.5\text{m} \times 1.2\text{m} = 3\text{m}^2$

If the floor area is a different shape or there is a curve in the room, for the purpose of calculating the area, section them off to make rectangles or squares, then add the answers together.

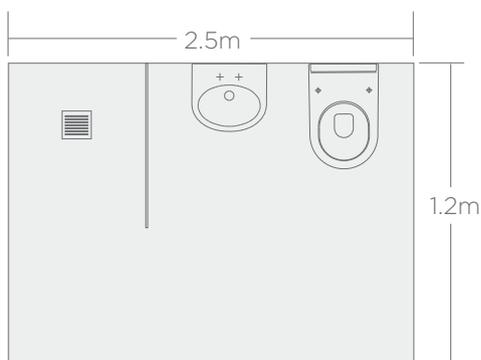
##### EXAMPLE B:

Area A measures:  $1.0\text{m} \times 1.2\text{m} = 1.2\text{m}^2$

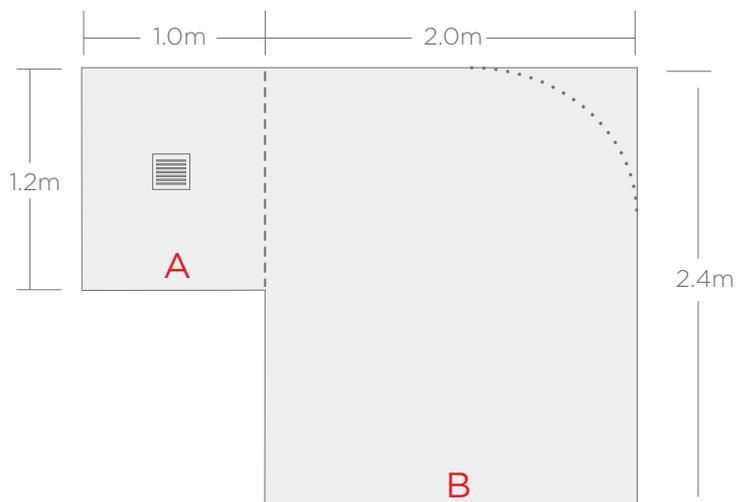
Area B measures:  $2.0\text{m} \times 2.4\text{m} = 4.8\text{m}^2$

Total floor area =  $1.2\text{m}^2 + 4.8\text{m}^2 = 6\text{m}^2$

##### EXAMPLE A



##### EXAMPLE B



## WALL AREA

To calculate the area of the walls where the tanking is only returning up the wall a minimum of 100mm (turn up) add the length of every wall in the room together and multiply by 0.1.

### EXAMPLE:

$2.5\text{m} + 1.2\text{m} + 2.5\text{m} + 1.2\text{m} = 7.4 \times 0.1 = 0.74\text{m}^2$ .

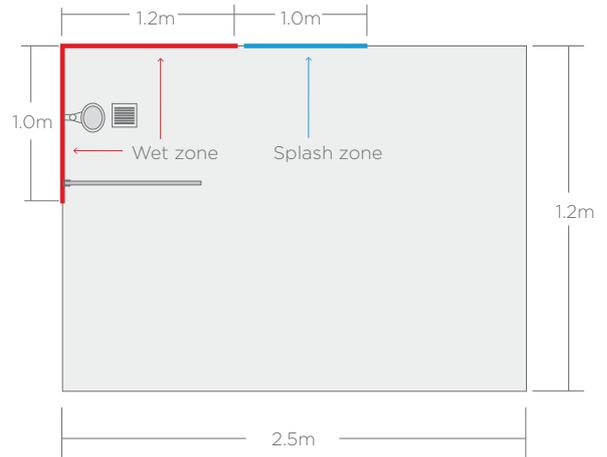
To calculate the WET ZONE wall area where the tanking is going from floor to ceiling in the showering area, measure the length of the wet zone ( $1.0\text{m} + 1.2\text{m} = 2.2\text{m}$ ) by the height of the wall (say for example  $2.2\text{m}$ )  $2.2\text{m}$  (total length of showering area)  $\times 2.2\text{m}$  (total height of showering area)  $= 4.84\text{m}^2$ .

To calculate the SPLASH ZONE wall area where the tanking is going from floor to ceiling, slope the tanking down towards the 100mm turn up over an additional length of  $1.0\text{m}$  ( $0.5\text{m}$  length of splash zone  $\times 2.2\text{m}$  height of splash zone) length of the splash zone  $0.5\text{m} \times 2.2\text{m} = 1.1\text{m}^2$ .

If a shower screen is to be installed the tanking must finish 100mm past the shower screen. If no screen is fitted the tanking must be angled down towards 600mm from the wet zone to form another splash zone.

From these calculations you can work out the total square metres required to tank your wet room.

Total floor area =	3.00m <sup>2</sup>
Total turn up =	0.74m <sup>2</sup>
Wet zone =	4.84m <sup>2</sup>
Splash zone =	1.1m <sup>2</sup>
Total tanking required =	<u>9.68m<sup>2</sup></u>



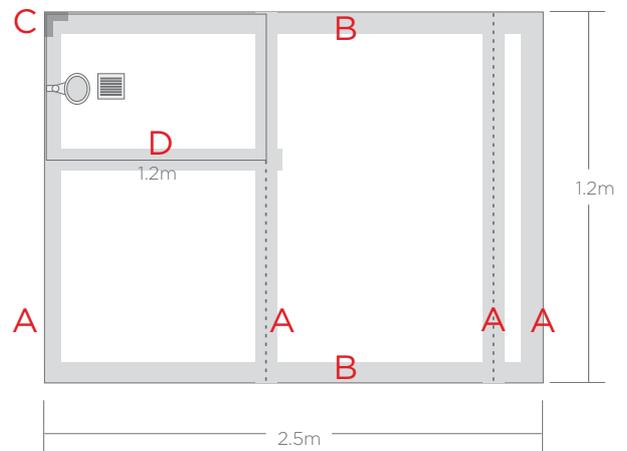
## HOW MUCH TAPE DO I NEED?

You will need enough tape to cover all the joints on the floor, around the perimeter of the room between the floor and the wall and any vertical wall to wall joints in the wet zone and splash zone areas.

### EXAMPLE:

- 4 no. pieces 1.2 linear metres = 4.8 linear metres **A**
- 2 no. pieces 2.5 linear metres = 5.0 linear metres **B**
- 1 no. piece 2.2 linear metres = 2.2 linear metres **C (vertical join)**
- 1 no. piece 1.2 linear metres = 1.2 linear metres **D**

Total amount of tape required = 13.2 linear metres



## INTERNAL AND EXTERNAL CORNERS

Preformed internal and external corners are purpose made for detailing the jointing tape through a 90 degree angle.

To calculate the number of corners required count the number of angles in your wet room. This illustration shows the amount required is 4 no. internal and 2 no. external corners.

### LARGE PIPE SLEEVE

Large pipe sleeves are used to form a seal between the drain outlet and tanking material on the wet room floor.

### SMALL PIPE SLEEVE

Small pipe sleeves are used to form a seal between the hot and cold water pipes where they penetrate through the wet room wall or floor.

