

Drafter

Drafter is a package to assist drafters with brick dimensions for length and height based on user defined brick modules and coursing in metric.

For the following descriptions we will presume a brick dimension of:

Length = 230 mm
 Width = Not Applicable
 Height 7 courses = 600 mm
 Mortar Joint = 10 mm

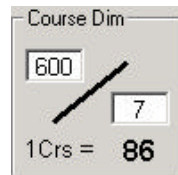
Drafter Tool Box has three active tabs:

Heights
Widths
Roof

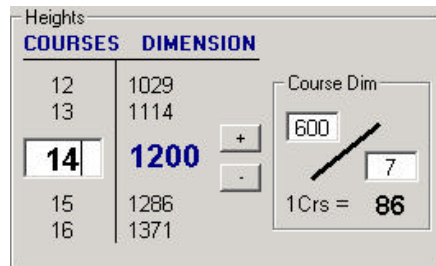


Heights

The height module will give you the coursing based on the formula entered on the right.



Course Dim is the dimension and course height Calculator and in the example on the left there are 7 courses in 600mm, hence the 600/7, which is displayed below.



The Course heights can then be entered into the courses box and the immediate calculated value will be on the right in blue, with the two values above and below this also displayed.

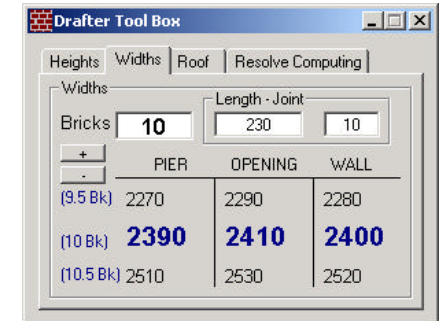
Values can be entered manually or they can be increased with the + and - buttons or the UP and DOWN Arrows on your keyboard. The Up and Down arrows also work within the Widths and Roof tabs.

Widths

Widths will give you widths based on the formula entered for the brick properties. Dimensions will be given for the entered brick length in full bricks with the half brick dimensions given above and below the blue values.

Lengths are supplied in three formats:

Pier Full brick module
Opening Brick with joint either side
Wall Brick and a single Joint



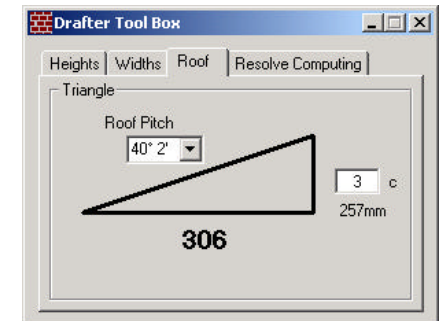
Length and joint size are entered in the appropriate boxes and the brick coursing can be entered directly or by clicking on + and - with your mouse, or from the UP and Down Arrows on the keyboard.

Roof

Based on the course heights as defined in the Heights section, this module will give you the run of roof from the entered course height.

In the example for a pitch of 40°2' the run of roof will be 306mm for a course height of 3 (257mm).

NOTE: This does not give eave overhangs as other variables need to be considered for eave width calculations.



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