

# THE KwikStairs GUIDE

- 1) MEASURE THE LOWER FINISHED FLOOR TO UPPER FINISHED FLOOR WHERE YOUR STAIRS WILL EVENTUALLY FIT
- 2) USE THE TREAD GUIDE TO FIND THE NUMBER OF TREADS YOU WILL NEED INCLUDING THE NOSING should you not be able to find your finished floor to finished floor measurement below then use the calculator in the technical information to obtain it

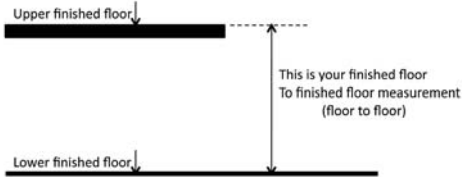
FINISHED FLOOR TO FINISHED FLOOR MEASUREMENT	NO. OF TREADS INC NOSING
1781mm-1980mm	9
1981mm-2200mm	10
2201mm-2420mm	11
2421mm-2640mm	12
2641mm-2860mm	13
2861mm-3080mm	14

(14 or more treads must include a winder box)
- 3) THE GRAPHICS IN THIS BROCHURE ARE ALL BASED ON A 13 TREAD STAIRCASE. SHOULD YOUR FLOOR TO FLOOR MEASUREMENT GIVE YOU A DIFFERENT NUMBER OF TREADS THEN YOU WILL NEED TO ADJUST THE MEASUREMENTS AS SHOWN WITH THE GRAPHICS BY 245mm PER TREAD SHOULD YOU NEED MORE OR LESS THAN THE 13 SHOWN
- 4) ALL WIDTH MEASUREMENTS ARE FROM THE OUTSIDE EDGE OF EACH STRING
- 5) ALL LENGTH MEASUREMENTS ARE FROM THE FRONT FACE OF THE FIRST RISER TO THE TRIMMER OR OUTSIDE EDGE OF THE JOINING WINDER BOX, AND OUTSIDE EDGE OF THE WINDER BOX TO THE TRIMMER OR OUTSIDE EDGE OF THE JOINING WINDER BOX
- 6) YOU NEED TO DECIDE ON THE WIDTH OF YOUR STAIRCASE.  
< 900mm FOR A KWIK STAIRS STRAIGHT FLIGHT  
OR 900mm, 850mm, 800mm, 750mm, 700mm, 650mm FOR ANY KWIK STAIRS WINDING COMBINATION.
- 7) MEASURE THE SPACE AVAILABLE TO YOU FOR WHERE YOU WOULD LIKE YOUR STAIRS
- 8) DECIDE ON THE STYLE OF STAIRCASE THAT YOU WANT
- 9) TURN TO THAT SECTION WITHIN THE BROCHURE
- 10) LOOK AT ALL THE STYLES AND MEASUREMENTS FOR YOUR CHOSEN WIDTH OF STAIRS.
- 11) IS THERE A STYLE THAT WILL FIT THE SPACE AVAILABLE TO YOU?  
  
YES, GREAT, PURCHASE YOUR KWIK STAIRS NOW.  
  
NO, CAN YOU REDUCE THE WIDTH OF YOUR STAIRS TO MAKE THEM FIT?  
  
NO, CAN YOU ADD A WINDER BOX TO YOUR STAIRS TO MAKE THEM FIT?  
  
NO, CAN YOU ADD A WINDER BOX IN AN OPPOSITE DIRECTION TO YOUR STAIRS TO MAKE THEM FIT?
- 12) HAVING A PROBLEM? THEN VISIT THE WEB SITE FOR OUR HELPLINE

[www.kwikstairs.co.uk](http://www.kwikstairs.co.uk)

## KwikStairs DOMESTIC STAIRS CALCULATOR

### MEASURE THE LOWER FINISHED FLOOR TO UPPER FINISHED FLOOR



This is the measurement needed for the height of the stairs. From the finished surface of the floor where the stair (lower floor) is to start to the finished surface of the next floor where the stair is to end (upper floor).

### USE THE TREAD CALCULATOR TO FIND THE NUMBER OF TREADS YOU WILL NEED INCLUDING THE NOSING

FINISHED FLOOR TO FINISHED FLOOR MEASUREMENT	NO. OF TREADS INC NOSING
1781mm-1980mm	9
1981mm-2200mm	10
2201mm-2420mm	11
2421mm-2640mm	12
2641mm-2860mm	13
2861mm-3080mm	14

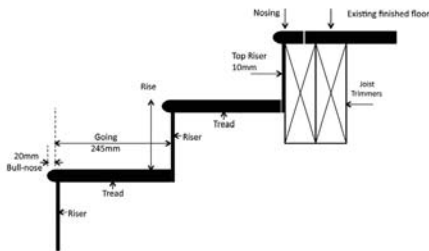
(14 or more treads must include a winder box)

Look for your finished floor to finished floor measurement and this will advise you on how many treads your staircase will require including the nosing. Should you not be able to find your finished floor to finished floor measurement then use the following calculation to obtain it; for KWIK STAIRS only.

#### Example:

Finished floor to finished floor measurement in mm	=	1590mm
Divide by 220mm	=	7.22
If a partial figure, round up to the next whole figure	=	8
Total number of treads required including the nosing	=	8

### CALCULATE THE SPACE REQUIRED FOR YOUR STAIRCASE



All calculations start from the lower floor and work upwards.

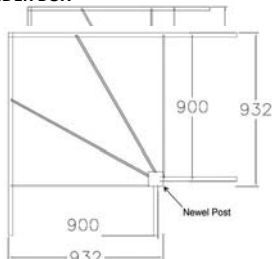
**GOING** - The measurement between the front of the riser on the lower tread to the front of the riser on the upper tread. **ALWAYS 245mm**

**TOP RISER** - This is the very last top riser fitted on site that the nosing sits on. **ALWAYS 10mm**

Every measurement length given is always to the front face of the riser.

No allowance has been made for the small 20mm bull-nose overhang on your bottom tread.

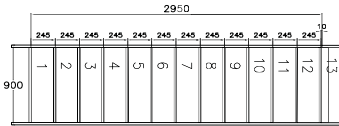
### WINDER BOX



**WINDER BOX** - This can be either a left hand or right hand in direction. The kit comes in its largest form but is detailed to show six standard widths. Each box is aesthetically designed so that any adjoining straight flight meets the centre of the winder box newel post. Therefore every winder box is **32mm larger** than the width of the adjoining straight flight.

650mm wide staircase	=	682mm x 682mm winder box size
700mm wide staircase	=	732mm x 732mm winder box size
750mm wide staircase	=	782mm x 782mm winder box size
800mm wide staircase	=	832mm x 832mm winder box size
850mm wide staircase	=	882mm x 882mm winder box size
900mm wide staircase	=	932mm x 932mm winder box size

### CALCULATING A STRAIGHT FLIGHT



Multiply the number of full size treads that you need by the going (245mm)  
 Add that to the nosing (10mm)  
 This shows you the total length for your straight flight staircase.

#### Example:

Floor to floor	=	2660mm
Number of Treads	=	13 including the nosing
Depth of treads 245mm	=	12 x 245 = 2940mm
Depth of nosing riser 10mm	=	1 x 10 = 10mm
Total length of staircase	=	2940mm + 10mm = <b>2950mm</b>

### CALCULATING A SINGLE WINDER

Deduct the winder box treads (3) and the nosing (1) from your overall total treads required. This will then give you the remaining number of straight treads you require.

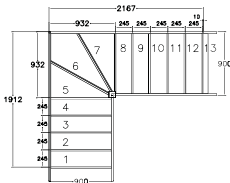
Multiply the number of straight treads that you require, if any, before the winder box by the going (245mm)

Obtain your chosen winder box size from the measurements listed in the winder box section.

Multiply the number of straight treads that you require, if any, after the winder box by the going (245mm)

Add to this the nosing (10mm)

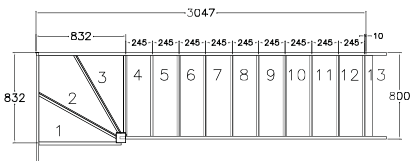
#### Example 1



#### Example 1:

Floor to floor	=	2660mm
Number of Treads	=	13 including the nosing
Tread 245mm	=	4 x 245mm = 980mm 4 treads }
900mm wide winder	=	932mm 932mm 3 treads }
Tread 245mm	=	5 x 245mm = 1225mm 5 treads } total 13
Nosing riser 10mm	=	1 x 10 = 10mm 1 tread }
Length of staircase	=	980mm + 932mm = 1912mm
Length of staircase	=	932mm + 1225mm + 10mm = 2167mm

#### Example 2



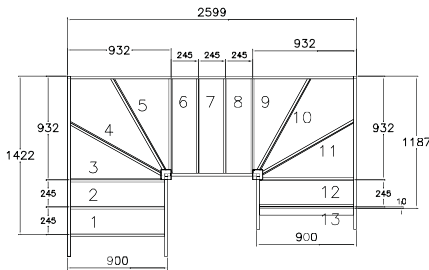
#### Example 2:

Floor to floor	=	2660mm
Number of treads	=	13 including the nosing
800mm wide winder	=	832mm x 832mm 3 treads }
Tread 245mm	=	9 x 245mm = 2205mm 9 treads } total 13
Nosing riser 10mm	=	1 x 10 = 10mm 1 tread }
Length of staircase	=	832mm = 832mm
Length of staircase	=	832mm + 2205mm + 10mm = 3047mm

## KwikStairs DOMESTIC STAIRS CALCULATOR

### CALCULATING A DOUBLE WINDER

#### Example 1

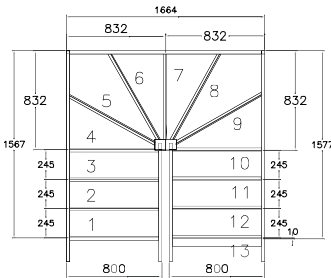


Deduct both the winder box treads (6) and the nosing (1) from your overall total treads required. This will then give you the remaining number of straight treads that you require. Multiply the number of straight treads that you require, if any, before the first winder box by the going (245mm). Obtain your chosen winder box size from the measurements listed in the winder box section. Multiply the number of straight treads that you require, if any, after the first winder box and before the second, by the going (245mm). Use again the same winder box size as above. Multiply the number of straight treads that you require, if any, after the second winder box, by the going (245mm). Add to this the nosing (10mm)

#### Example 1:

Floor to floor	= 2660mm
Number of Treads	= 13 including the nosing
Tread 245mm	= 2 x 245mm = 490mm 2 treads }
900mm wide winder	= 932mm x 932mm 3 treads }
Tread 245mm	= 3 x 245mm = 735mm 3 treads } total 13
900mm wide winder	= 932mm x 932mm 3 treads }
Tread 245mm	= 1 x 245mm = 245mm 1 tread }
Nosing riser 10mm	= 1 x 10 = 10mm 1 tread }
Length of staircase	= 490mm + 932mm = 1422mm
Length of staircase	= 932mm + 735mm + 932mm = 2599mm
Length of staircase	= 932mm + 245mm + 10mm = 1187mm

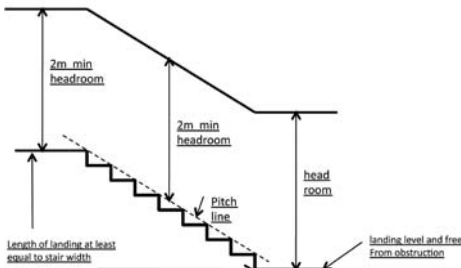
#### Example 2



#### Example 2:

Floor to floor	= 2660mm
Number of Treads	= 13 including the nosing
Tread 245mm	= 3 x 245mm = 735mm 3 treads }
800mm wide winder	= 832mm x 832mm 3 treads }
800mm wide winder	= 832mm x 832mm 3 treads } total 13
Tread 245mm	= 3 x 245mm = 735mm 3 treads }
Nosing riser 10mm	= 1 x 10 = 10mm 1 tread }
Length of staircase	= 735mm + 832mm = 1567mm
Length of staircase	= 832mm + 832mm = 1664mm
Length of staircase	= 832mm + 735mm + 10mm = 1577mm

### HEAD HEIGHT



Your staircase must always have a clearance of 2 metres from the 'pitch line' as illustrated. This makes an allowance for health and safety guidelines when ascending or descending the staircase.