

Please note, this is only a guide, each project will have different requirements so a full assessment and subsequent accurate measuring should be carried out at your location.

Decking Boards (The main surface)

This calculation finds the number of boards needed to cover the width of the deck, which is the most critical measurement.

A. Find the effective coverage

You must account for the gap created by the hidden clips between each board.

Effective Coverage = Board Width + Clip Gap

Example: If your board is 140mm wide and your clip creates a 6mm gap: $140\text{mm} + 6\text{mm} = 146\text{mm}$

B. Calculate the number of rows

Measure the total width of your deck (perpendicular to the direction the boards will run)

Number of rows = Total Deck Width ÷ Effective coverage

Example: For a deck 4500mm wide with 146mm effective coverage:

$4500\text{mm} \div 146\text{mm} = 30.8$ (always round up to the next whole number: 31 rows)

C. Calculate total boards and waste

Multiply the number of rows by the number of boards needed per row.

Initial board count = number of rows x deck length ÷ board length

Example: You need 31 rows and the boards are 3600mm long. If your deck length is 5000mm, you'll need two boards per row ($3600 \times 2 = 7200\text{mm}$, which covers the 5000mm length):

$31 \text{ rows} \times 2 \text{ boards/row} = 62 \text{ boards}$

D. Add waste

Always add a safety buffer for cuts and mistakes. Use 10% for a straight deck.

$62 \text{ boards} \times 1.10 \text{ (10\% waste)} = 68.2$

Fascia Strips and Deck Trim (edging)

Fascia and trim pieces are calculated based on the linear distance (the total perimeter edge) they need to cover.

A. Measure the total linear edge.

Identify all the deck edges that will be visible and require a finished look.

Total edge length = Sum of all visible perimeter edges. Do not include the side where the deck meets the house or wall.

B. Calculate quantity

Divide the total edge length by the length of the trim piece you plan to buy.

Number of strips = total edge length/length of fascia/trim board.

Example: If your deck has three visible sides: $4500\text{mm} + 5000\text{mm} + 4500\text{mm} = 14000\text{mm}$ of edge. If the fascia strip is 3600mm long:

$14000\text{mm} / 3600\text{mm} = 3.88$ - round up: 4 fascia strips required.



Call our Expert Sales Team for more information.