

Estimating for Plank

Screws: For standard screw spacing using 31" or 47" wide panels, screws approximately 16" o.c. and 12" o.c. at all perimeters and transitions.

- Determine total linear feet of supports and divide by 1.33.
- Determine estimated panels and multiply by 2 for 31" or 3 for 47".
- Determine total linear feet of perimeter and transitions (count both sides of peaks, valleys, etc.).
- Add these values and multiply by 1.05 to get estimated screws.
- Adjustments must be made when screw spacing is specified differently.

Washers: When washers are required they equal the screws.

Adhesive: The actual size of the bead is critical to the amount of adhesive required. About 39 linear feet of adhesive at a full $\frac{3}{8}$ " per tube is the amount the manufacture gives, at $\frac{1}{4}$ " the linear feet is near 90. Typical field experience is about 45-50 linear feet. Depending on panel size and joist spacing, the typical value per panel varies from about 1.8 to 3 panels per tube.

For Tectum IIP panels the value is 1 panel per tube based on a 5' or 6' span.

Long Span Channel: One channel per panel is required. Base the channel length on the next longest channel available. (i.e. panel length of 122" would require 144" channel field cut to size.)

Estimating for Tile

Grout: See Bulletin T-32 for estimated grout required (www.tectum.com/tech_bulletins.html).

Screws and Washers: See above.

Adhesive: The adhesive required is based on linear feet. This is typically the perimeter plus 2 times the linear feet of joist. This is for a single span tile which is typical. Use the linear foot per tube estimate to calculate requirement.

These are guidelines and actual requirements are job specific.

Estimating for Shipping

**LOADING DATA
NUMBER OF PIECES OF TECTUM PER THICKNESS & LENGTH
PER TRAILER 48'
MAXIMUM 90" HIGH**

Size	Nominal Wt./Sq. Ft.	No. of Pieces Per Stack	No. of Boards Per Trailer 8' 48'	No. of Boards Per Trailer 10' 48'	No. of Boards Per Trailer 12' 48'
3½"	4.4 lbs.	26	312	208	208
4"	4.6 lbs.	22	264	176	176
5"	5.0 lbs.	18	216	144	144
6"	5.4 lbs.	15	180	120	120
7"	5.8 lbs.	13	156	104	104
8"	6.2 lbs.	11	144	96	96
9"	6.6 lbs.	10	120	80	80
10"	7.0 lbs.	9	108	72	72
11"	7.4 lbs.	8	96	64	64