



R850T Application Rates



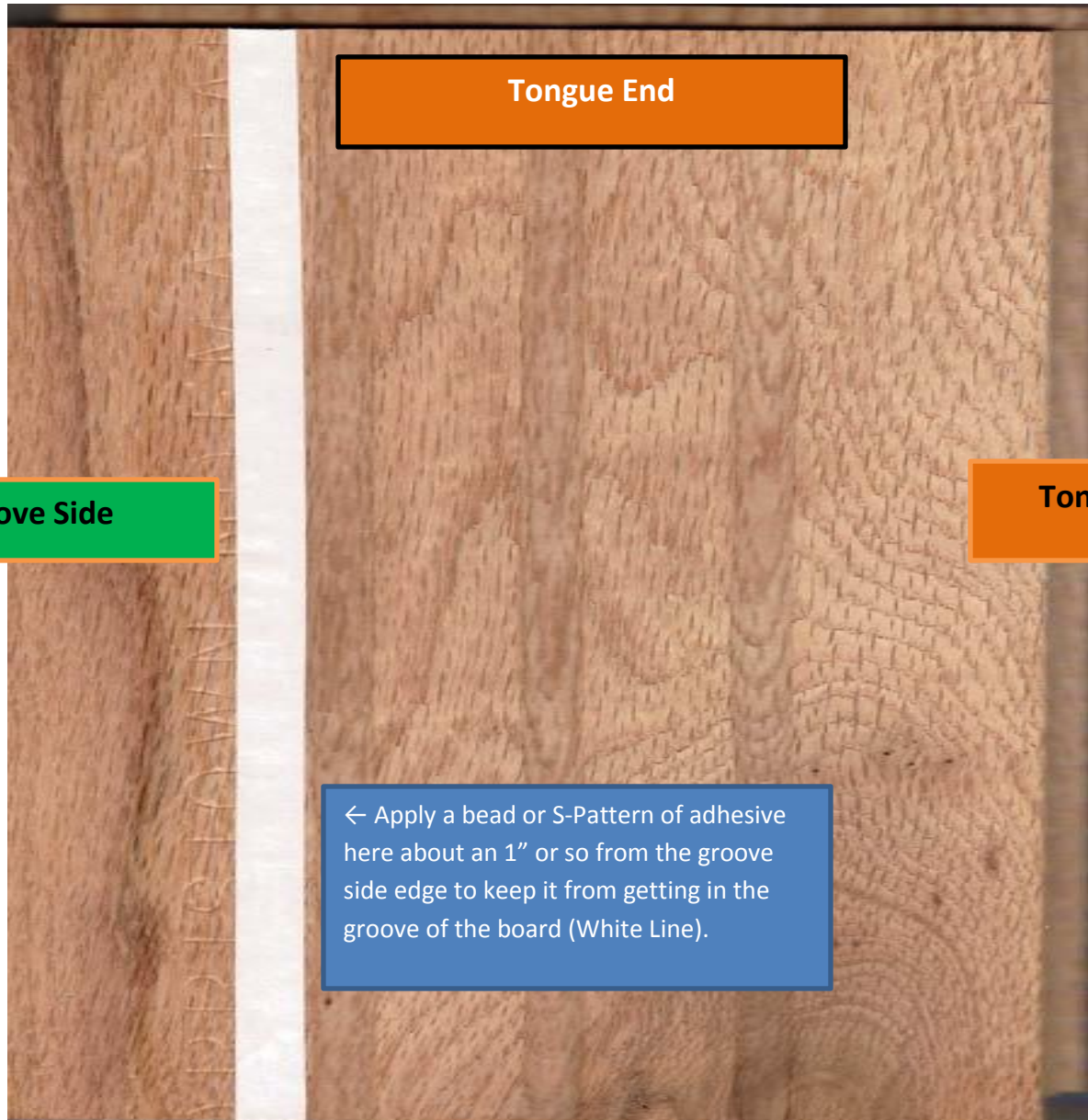
Here are some instructions on calculating the number of 20 Oz. R850T sausages needed when using both fasteners and R850T for installing a plank floor, which the NWFA defines as flooring 4" or greater in face width. Consider this formula:

- a. Determine how many square feet of flooring is to be installed. We will use 400 sq.' for this example.
- b. Determine the width of the flooring to be installed. We will use 4" for this example.
- c. Divide the number 12 by the flooring width. Example $12 \div 4 = 3$
This is your conversion factor.
- d. Multiply the number of square feet to be installed by the conversion factor from "c" above. $400 \text{ sq.'} \times 3 = 1200 \text{ LF'}$.
- e. Divide the number of LF' from "d" by 60 (each 20 oz tube will yield about 60 LF' of adhesive using a $\frac{1}{4}$ " bead). $1200 \div 60 = 20$
- f. You will need about 20 tubes of adhesive if running a straight $\frac{1}{4}$ ' bead

If you are doing a multiple width plank, establish a conversion factor:

- a. For example, you are installing 400' of 3"-4"-5"-6"-7"-8" width planks in equal linear lengths.
- b. $3" = 4$ $4" = 3$ $5" = 2.4$ $6" = 2$ $7" = 1.71$ $8" = 1.5$
- c. This totals $14.6 / 6$ (total widths) = 2.435 conversion factor
- d. $400 \times 2.435 = 974 / 60 = 16.23$ tubes if running a straight $\frac{1}{4}$ ' bead

Bona R850T Application Method



Relative Humidity variations result in either shrink or swell to occur across the width of the board, the wider the plank, the greater the percentage of movement.

Using this adhesive application method allows the board to be held down on the tongue side by the fasteners and on the groove side by the adhesive and the adjacent tongue. Not only does Bona R850T's Silane based formulation allow for this natural board movement during seasonal RH swings (thereby reducing the potential of compression set), it also has the capability to retract the plank as it returns to its baseline RH (this capability is referred to as its Elongation Rate). For this reason, it is important to be sure that you place the adhesive away an 1" or so from either the groove or tongue edges without getting adhesive in the groove or tongue which could cause the planks to panelize.