

# Shadoe®Track

## THE UNDER DECK FASTENING SYSTEM

How many pieces do I need for my deck?

### 24" o/c Joist Spacing

|   |     | B  |    |     |     |     |     |     |     |     |     |     |     |     |
|---|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|   |     | 6' | 8' | 10' | 12' | 14' | 16' | 18' | 20' | 22' | 24' | 26' | 28' | 30' |
| A | 6'  | 5  | 6  | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  |
|   | 8'  | 6  | 7  | 9   | 10  | 11  | 12  | 14  | 15  | 16  | 17  | 19  | 20  | 21  |
|   | 10' | 7  | 9  | 10  | 12  | 13  | 15  | 16  | 18  | 19  | 21  | 22  | 24  | 25  |
|   | 12' | 9  | 10 | 12  | 14  | 16  | 17  | 19  | 21  | 23  | 24  | 26  | 28  | 30  |
|   | 14' | 10 | 12 | 14  | 16  | 18  | 20  | 22  | 24  | 26  | 28  | 30  | 32  | 34  |
|   | 16' | 11 | 13 | 16  | 18  | 20  | 22  | 25  | 27  | 29  | 31  | 34  | 36  | 38  |
|   | 18' | 12 | 15 | 17  | 20  | 22  | 25  | 27  | 30  | 32  | 35  | 37  | 40  | 42  |
|   | 20' | 14 | 16 | 19  | 22  | 25  | 27  | 30  | 33  | 36  | 38  | 41  | 44  | 47  |
|   | 22' | 15 | 18 | 21  | 24  | 27  | 30  | 33  | 36  | 39  | 42  | 45  | 48  | 51  |
|   | 24' | 16 | 19 | 23  | 26  | 29  | 32  | 36  | 39  | 42  | 45  | 49  | 52  | 55  |
|   | 26' | 17 | 21 | 24  | 28  | 31  | 35  | 38  | 42  | 45  | 49  | 52  | 56  | 59  |
|   | 28' | 19 | 22 | 26  | 30  | 34  | 37  | 41  | 45  | 49  | 52  | 56  | 60  | 64  |
|   | 30' | 20 | 24 | 28  | 32  | 36  | 40  | 44  | 48  | 52  | 56  | 60  | 64  | 68  |



Please note: - Charts are based on 8' lengths, double amount for 4' lengths  
 - Splice & butt joints of deck boards require 1 track on each edge of joist

### 16" o/c Joist Spacing

|        |        | B  |    |     |     |     |     |     |     |     |     |     |     |     |
|--------|--------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|        |        | 6' | 8' | 10' | 12' | 14' | 16' | 18' | 20' | 22' | 24' | 26' | 28' | 30' |
| A      | 5'4"   | 6  | 7  | 8   | 9   | 11  | 12  | 13  | 14  | 16  | 17  | 18  | 19  | 21  |
|        | 6'8"   | 7  | 8  | 10  | 11  | 13  | 14  | 16  | 17  | 19  | 20  | 22  | 23  | 25  |
|        | 8'     | 8  | 9  | 11  | 13  | 15  | 16  | 18  | 20  | 22  | 23  | 25  | 27  | 29  |
|        | 9'4"   | 9  | 11 | 13  | 15  | 17  | 19  | 21  | 23  | 25  | 27  | 29  | 31  | 33  |
|        | 10'8"  | 10 | 12 | 14  | 17  | 19  | 21  | 23  | 26  | 28  | 30  | 32  | 35  | 37  |
|        | 12'    | 11 | 13 | 16  | 18  | 21  | 23  | 26  | 28  | 31  | 33  | 36  | 38  | 41  |
|        | 13' 4" | 12 | 15 | 18  | 20  | 23  | 26  | 29  | 31  | 34  | 37  | 40  | 42  | 45  |
|        | 14' 8" | 13 | 16 | 19  | 22  | 25  | 28  | 31  | 34  | 37  | 40  | 43  | 46  | 49  |
|        | 16'    | 14 | 17 | 21  | 24  | 27  | 30  | 34  | 37  | 40  | 43  | 47  | 50  | 53  |
|        | 17' 4" | 15 | 19 | 22  | 26  | 29  | 33  | 36  | 40  | 43  | 47  | 50  | 54  | 57  |
|        | 18' 8" | 16 | 20 | 24  | 28  | 31  | 35  | 39  | 43  | 46  | 50  | 54  | 58  | 61  |
|        | 20'    | 17 | 21 | 25  | 29  | 33  | 37  | 41  | 45  | 49  | 53  | 57  | 61  | 65  |
|        | 21' 4" | 19 | 23 | 27  | 31  | 36  | 40  | 44  | 48  | 53  | 57  | 61  | 65  | 70  |
|        | 22' 8" | 20 | 24 | 29  | 33  | 38  | 42  | 47  | 51  | 56  | 60  | 65  | 69  | 74  |
|        | 24'    | 21 | 25 | 30  | 35  | 40  | 44  | 49  | 54  | 59  | 63  | 68  | 73  | 78  |
|        | 25' 4" | 22 | 27 | 32  | 37  | 42  | 47  | 52  | 57  | 62  | 67  | 72  | 77  | 82  |
|        | 26' 8" | 23 | 28 | 33  | 39  | 44  | 49  | 54  | 60  | 65  | 70  | 75  | 81  | 86  |
|        | 28'    | 24 | 29 | 35  | 40  | 46  | 51  | 57  | 62  | 68  | 73  | 79  | 84  | 90  |
|        | 29' 4" | 25 | 31 | 37  | 42  | 48  | 54  | 60  | 65  | 71  | 77  | 83  | 88  | 94  |
| 30' 8" | 26     | 32 | 38 | 44  | 50  | 56  | 62  | 68  | 74  | 80  | 86  | 92  | 98  |     |
| 32'    | 27     | 33 | 40 | 46  | 52  | 58  | 65  | 71  | 77  | 83  | 90  | 96  | 102 |     |



Please note: - Charts are based on 8' lengths, double amount for 4' lengths  
 - Splice & butt joints of deck boards require 1 track on each edge of joist

**For an accurate calculation, use this formula...**

TOTAL ALL JOISTS IN FEET (Include all rim joists & Doubling up on splice/butt joints) AND **DIVIDE BY 8' = # OF 8' SHADOE®TRACK PIECES**  
 ie: 264' divided by 8' = 33 pieces