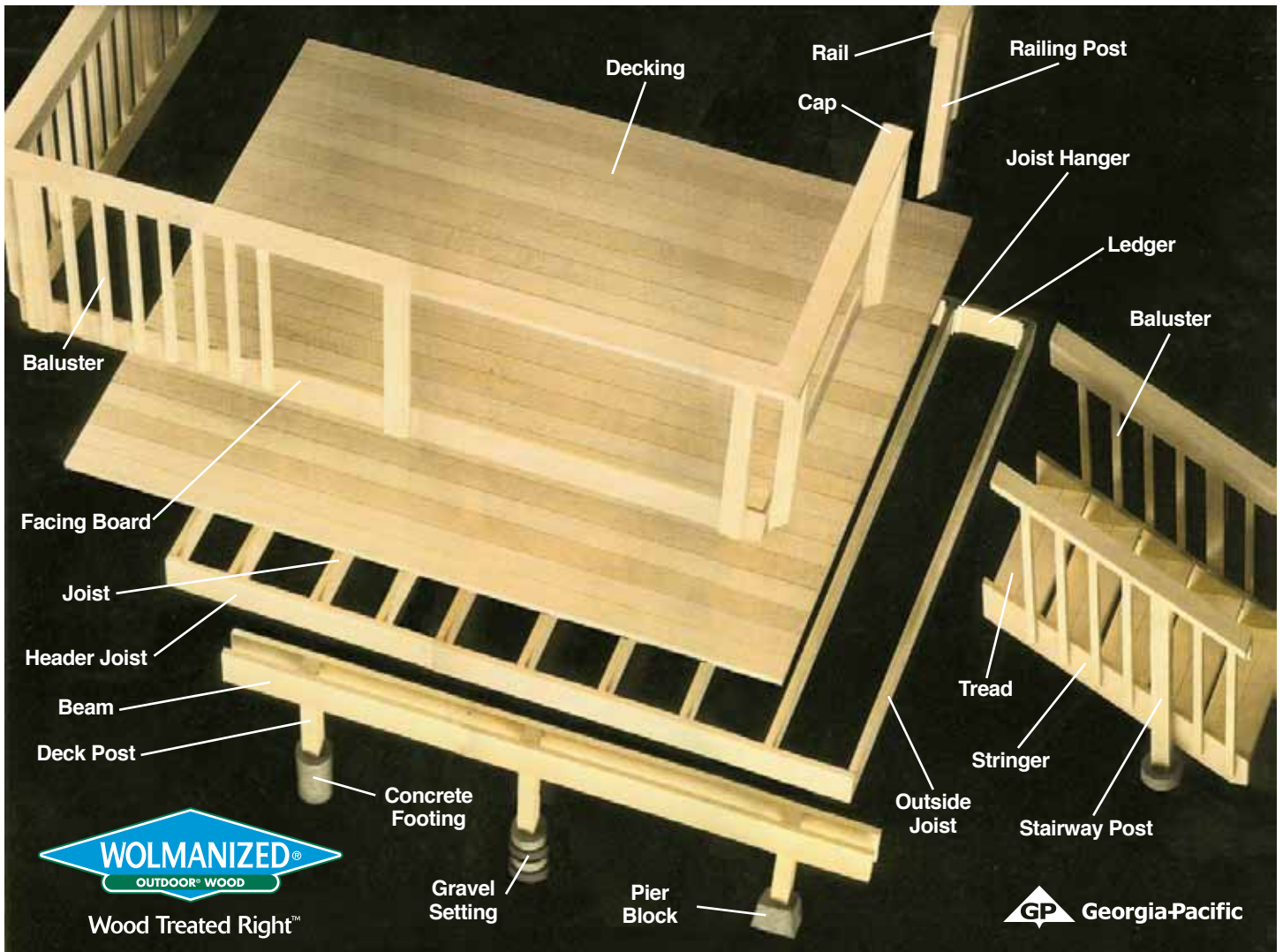




Guide To

Deck Construction



Choose Wolmanized® Residential Outdoor® Wood for your deck.

It's real wood, backed by a lifetime limited warranty against termite damage and fungal decay. It's also backed by the Good Housekeeping Seal and its consumer promise.

Protected with dispersed copper azole preservative by Georgia-Pacific, this is wood that's beneficial to you and easy on the environment.



Ledgers anchor an attached deck to a house. Ledgers support one end of all **joists**.

Concrete footings with **post anchors** support the weight of the deck and hold the deck posts in place.

Railing parts include **railing posts** and **balusters** attached to the header and outside joists.

Posts transfer the weight of the deck to the **footings**. **Beams** provide the main structural support for the deck.

Joists support the decking. **Decking** is the main feature of any deck.

A stairway is made from a pair of **stringers** fastened to the side of the deck with **treads** attached to the stringers.

What You'll Need



SIZE OF DECK							DESCRIPTION	USE	SKU
8x8	8x10	10x10	10x12	8x12	12x12	12x16			
60	66	71	86	74	86	104	2x2x42 Treated Wood	Balusters	31625
		2					2x12x10 Treated Wood	Beams	493999
2	1			1			2x10x8 Treated Wood	Beams	16964
			2		2	3	2x10x12 Treated Wood	Beams	31831
17	22			26			5/4x6x8 Treated Wood	Decking	138883
5	6	6	7	6	7	8	5/4x6x8 Treated Wood	H Top Rails	138883
		22					5/4x6x10 Treated Wood	Decking	138032
			26		26	34	5/4x6x12 Treated Wood	Decking	138818
6	2			2		6	2x10x8 Treated Wood	Joists	16964
1	1			1			2x10x8 Treated Wood	Ledgers	16964
		1					2x10x10 Treated Wood	Ledgers	24786
					1	1	2x10x12 Treated Wood	Ledgers	31831
	7	11					2x10x10 Treated Wood	Joists	24786
			12	7	12	2	2x10x12 Treated Wood	Joists	31831
						8	2x10x16 Treated Wood	Joists	44693
6	7	7	8	7	8	8	4x4x8 Treated Wood	Railing Posts	21741
1	1	1	1	1	1	1	4x4x10 Treated Wood	Posts	28910
1	1	1	1	1	1	1	2x12x8 Treated Wood	Stair Stringers	298588
1	1	1	1	1	1	1	2x12x12 Treated Wood	Stair Stringers	109330
3	3	3	3	3	3	3	5/4x6x10 Treated Wood	Tread	138032
1	1	1	1	1	1	1	5/4x6x8 Treated Wood	Tread	138883
5	6	6	7	6	7	8	2x4x8 Treated Wood	V Top Rails	21618
8	20	10	11	20	11	44	2x10 Joist Hanger LUS210	Joist Hangers	161745
2	3	3	3	3	3	6	4x4 Adjustable Post Base ABA44	Post Brackets	161489
1	1	1	1	1	1	1	2 1/2" Screws, 5 lb. Box	Baluster Screws	794107
4	6	4	6	6	6	12	Carriage Bolts, Galv. 1/2"x8"	Beam Bolts	739508
4	6	4	6	6	6	12	Hex Nuts, Galv. 1/2"	Beam Nuts	705178
4	6	4	6	6	6	12	Flat Washers, Galv. 1/2"	Beam Washers	705319
4	12	4	6	12	6	24	60 lb. Quikrete® Concrete Mix	Concrete In-Ground	690420
1	1	2	2	2	2	2	3" Screws, 5 lb. Box	Deck Screws	794123
1	1	1	1	1	1	1	Hanger Nails 10d	Joist Hanger Nails	614032
3	3	3	4	3	4	6	16d Galv. Spiral PTL Nails, 1 lb. Box	Joist Nails	104638
16	16	20	24	16	24	24	Ledger Bolts, 1/2"x6"	Galv. Lag Screws	701805
16	16	20	24	16	24	24	Ledger Bolt Washers, Galv. 1/2"	Ledger Bolt Washers	705319
24	28	28	28	28	28	28	Carriage Bolts - Rail Post Bolts 1/2"x8"	Galv. Rail Post Bolts	739508
24	28	28	28	28	28	28	Hex Nuts, Galv. 1/2"	Rail Post Nuts	705178
24	28	28	28	28	28	28	Flat Washers, Galv. 1/2"	Rail Post Washers	705319
2	2	2	2	2	2	2	3" Screws, 1 lb. Box	Step Screws	794206

Parameters used for deck: 60 psf live load, 36" deck height, 16" joist spacing: This is not a final design plan. Variations in building codes, specific architectural considerations, or site conditions may require changes to this design. You are responsible for the final structure, code verification, material usage, and structural safety of this design. Be sure to verify the design with your local architect and building inspector.