



## Why Aluminum?

**HIGH STRENGTH** Achieves longer spans than typical 2" x 10" wood joist

**EASY HANDLING** Lightweight aluminum joists with tabs for easy handling and alignment

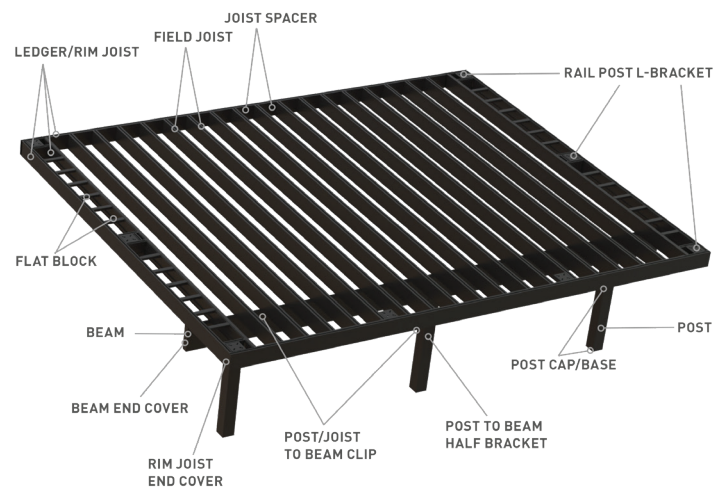
**HIGH CORROSION RESISTANCE** Highly resistant to moisture damage like rust, corrosion, and mold

**EXTREMELY LONG LASTING** Will not warp, split, or decay and is protected with a 25-Year Limited Product Warranty

**ECO-FRIENDLY** Made from recycled aluminum and can be reused or recycled at end of life

## Aluminum Framing Details

- Compatible with all TimberTech Decking and Railing systems
- Frame your entire custom TimberTech deck, including stairs
- Non-combustible building material is great for WUI areas or fire-prone regions
- Durable black powder coat finish—no need for touch up paint on end cuts
- A mix of hidden and color-matched fasteners for a clean and seamless design
- For specific details and installation instructions, visit [TimberTech.com](http://TimberTech.com)



## Install Benefits

- Lies straight and flat for a perfect deck surface
- Easier to work with than wood—no more sanding joists or dealing with unpredictable lumber
- Easier to work with than steel—no need for industrial power tools or burning through expensive saw blades
- Many components are mechanically attached, requiring fewer nuts and bolts and minimal on-site fabrication

Colors Available:

BLACK

# COMPONENT LIST

## JOISTS

Item Number	Part Description	EA/UN (pcs per pallet)	Length (ft.)
TFRJ12B	Ledger/Rim Joist (2" x 7-1/4" x 144")	24	12
TFRJ16B	Ledger/Rim Joist (2" x 7-1/4" x 192")	24	16
TFRJ20B	Ledger/Rim Joist (2" x 7-1/4" x 240")	24	20
TFFJ12B	Field Joist (2" x 7-1/4" x 144")	24	12
TFFJ16B	Field Joist (2" x 7-1/4" x 192")	24	16
TFFJ20B	Field Joist (2" x 7-1/4" x 240")	24	20

## JOIST HARDWARE

Item Number	Part Description	EA/UN (pcs per box)	Length (in.)
TFRJHB	Rim Joist Hanger	48	1.2
TFFJHB	Field Joist Hanger	48	2
TFSP10B	Joist Spacer (10")	48	10
TFSP14B	Joist Spacer (14")	48	14
TFUP2B	Uplift Key (2")	96	12
TF90ABSB	90 degree Angle Bracket (short)	48	3.64
TF90ABTB	90 degree Angle Bracket (tall)	48	6.45
TF135ABB	135 degree Angle Bracket	24	7.23
TFAABB	Adjustable Angle Bracket	48	6.52
TFRAILBB	Rail Post L-Bracket	12	6
TFRJCAPB	Rim Joist End Cover	48	7.25
TFRJTEMPB	Rim Joist Corner Install Template (optional)	48	7.25

## BEAMS/POSTS

Item Number	Part Description	EA/UN (pcs per pallet)	Length (ft.)
TFBEAM12B	Beam (2-3/4" x 11-1/4" x 144")	12	12
TFBEAM16B	Beam (2-3/4" x 11-1/4" x 192")	12	16
TFBEAM20B	Beam (2-3/4" x 11-1/4" x 240")	12	20
TFPOST10B	Post (5-1/2" x 5-1/2" x 120")	16	10
TFPOST20B	Post (5-1/2" x 5-1/2" x 240")	16	20

## BEAM/POST HARDWARE

Item Number	Part Description	EA/UN (pcs per box)	Length (in.)
TFPCB	Post Cap / Post Base	24	5.5
TFPBB	Post to Beam Half Bracket	24	4.5
TFPJB	Post/Joist to Beam Clip	96	2.75
TFBEAMCABP	Beam End Cover	24	11.18

## STAIRS

Item Number	Part Description	EA/UN (pcs per box)	Length (in.)
TFSTK48B	Stair Tread Kit (47-3/4" length)	2	47.75
TFSTCLIPB	Stair Landing L-Bracket	24	6.27
TFSTBKB	Stair Tread Bracket Kit (L+R)	14	7.25
TFSTBMB	Stair Tread Bracket (Mid.)	14	7.25

## FASTENERS

Item Number	Part Description	EA/UN (packs per carton)	Length (in.)
TF50HEX	1/4-20 x 1.25" Hex Head Self-Drilling Screws (50 screws)	20	1.25
TF50FLAT	1/4-20 x 1.00" Flat Head Self-Drilling Screws (50 screws)	20	1
CTS350AD158	1-5/8" Cortex Aluminum Drillers 100 SF pack (350 screws)	6	1.63
TFLOC100	Hidden Clip for grooved deck boards (175 clips)	4	1