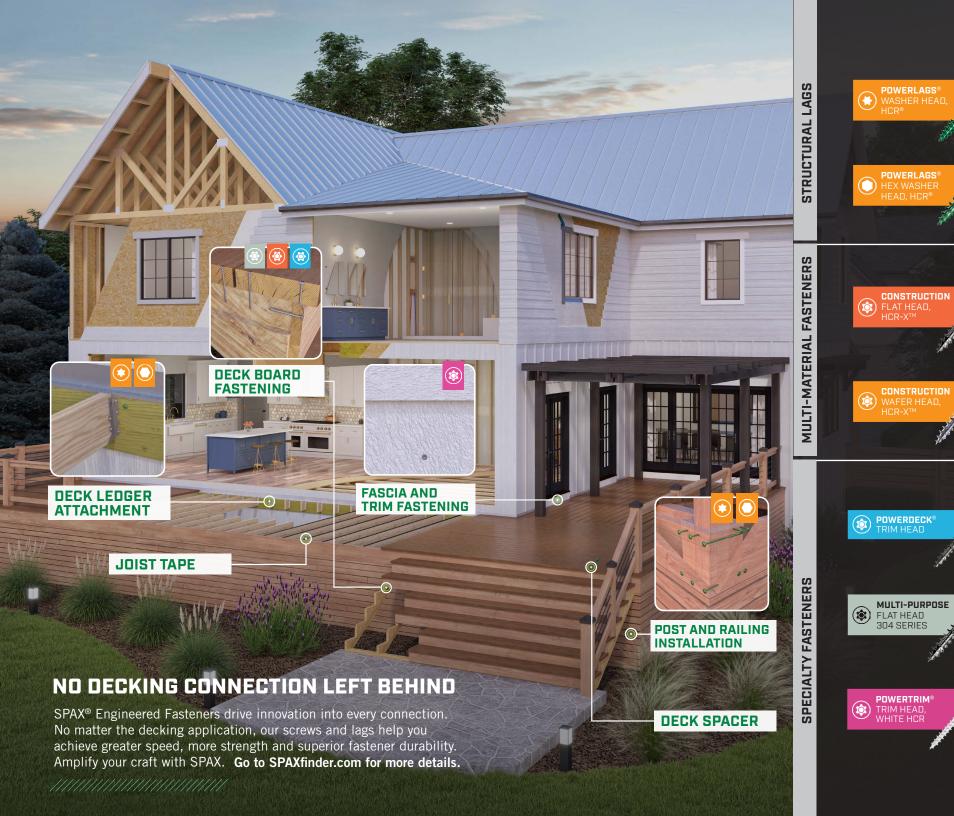


DECKING PROJECT GUIDE

BUILDING THE STRONGEST, LONGEST-LASTING DECKS



EVERYTHING BUT THE LUMBER

SPAX HAS YOU COVERED.

SPAX® Engineered Fasteners require no pre-drilling, drive faster and hold stronger for longer. Want to build a deck of incomparable strength? Our expert guide helps you find the perfect products and lengths for every square foot of your deck project with pro tips from the SPAX Crew[™] included.

PowerLags®



The ideal replacement for conventional lags, PowerLags offer the perfect solution for structural wood-to-wood connections and are code-recognized for deck ledger attachment.

Deck Construction





The versatile fastening solution, our multi-material fasteners with proprietary HCR-X™ coating are code-recognized for use in treated lumber and provide superior corrosion resistance.

PowerDeck®



For unmatched pulling power and perpetual hold, SPAX PowerDeck 304 Series stainless steel fasteners offer premium corrosion resistance for coastal environments and use in redwood and cedar.

PowerTrim®



Available in white or yellow HCR® coating, the PowerTrim virtually disappears for clean exterior trim and spindle applications in treated lumber, PVC and wood composite.

Composite Deck



For installing most major brands of composite deck boards, the trim, uppercut head of our composite fasteners prevents mushrooming with 7 color-matching options to provide a clean finish.

Deck Spacers

Achieve perfectly spaced boards with SPAX Deck Spacers, offering four common dimensions in one convenient tool - no nail or speed squares required.

Deck Tape

True protection is more than surface deep. Flexible, waterprood SPAX Deck Joist and Beam Tape creates a tight seal over the substructure to help prevent premature wood rot.

PowerLags[®]

T-STAR, Partial Thread WASHER HEAD, HCR®



▲ Deck Ledger Attachment (TER No. 1711-01)

■ Multi-Ply — Girder Truss (TER No. 1802-03)

| T-30 | T-40 | T-50 | 3/8 | 7/16 | 1/2 | 5/8 |
|----------------------------------|--|-----------------------|-----------------------|---------------------------|----------|------------------------|
| 1/4" | 5/16" | 3/8" | 1/4" | 5/16" | 3/8" | 1/2" |
| 2½" 4½" 3" 5" 3½" 6" 4" | 3" 5" 10" 3½" 6" 12" 4" 63¼" 4½" 8" | 5" 6" 8" 10" | 1½" 5" 2" 6" 3" | 3" 3½" 4" ▲ 5" ▲ | 5" 6" | 5" 10" 6" 12" 8" |

Multi-Purpose

T-STAR Plus, Partial Thread FLAT HEAD, HCR-X



| #8 | #9 | #10 | | #14 | | | #8 | #10 | |
|----------------------------|---|-----|--|------------------------|--------------------|------------------------|------------------------|--------------|----|
| 1-1/4" 2" 1-1/2" 2-1/2" | 2-1/2" 3-1/4" | , _ | | 1" 1-1/4" 1-1/2" | 2" 2-1/2" 3" | 3-1/2" 4" 4-3/4" | 1-1/4" 1-1/2" 2" | 2-1/2" 3" | |
| | 1-1/2" 2-1/2" 3-1/4" 2" 3-1/2" 1-1/4" 2-1/2" 4" | | | #9 | #10 | | | | |
| FLAT HI | FLAT HEAD, 304 SERIES STAINLESS STEEL | | | | | | 1-1/2" 2" | 2-1/2" | 3" |

PowerDeck[®]



T-STAR Plus, Double ThreadLok™ FLAT HEAD, 304 SERIES STAINLESS STEEL

| #8 | #10 | | |
|--------|--------|----|--------|
| 1-5/8" | 2-1/2" | 3" | 3-1/2" |

PowerTrim®



T-STAR Plus, Partial Thread TRIM HEAD, HCR®

T-STAR Plus, Double Thread TRIM HEAD, HCR®

| WHITE HCR° | YELLOW HCR° | | WHITE HCR° | YELLOW HCR° |
|--------------|-----------------------------------|----------|--------------|---------------------|
| #8 | #8 | #9 | #8 | #8 |
| 2" 2-1/2" | 1-1/4" 2" 3-1/8" 1-1/2" 2-1/2" | 4" 5" | 2" 2-1/2" | 2" 3-1/8" 2-1/2" |

Composite Deck



| DARK BROWN | DARK GRAY | GRAY | JAVA | PEBBLE | SAND | SLATE |
|------------|-----------|--------|--------|--------|--------|--------|
| #10 | #10 | #10 | #10 | #10 | #10 | #10 |
| 2-3/4" | 2-3/4" | 2-3/4" | 2-3/4" | 2-3/4" | 2-3/4" | 2-3/4" |

KNOW YOUR COATINGS





HCR is a dual-barrier coating system designed to extend the longevity of SPAX® fasteners in ground-contact, treated lumber and exterior freshwater applications. Plated with a zinc base coat and finished with a durable top coat, they are engineered to withstand the toughest conditions.



HCR-X™ 🕮



HCR-X is a SPAX-developed, proprietary, dualbarrier coating system with superior corrosion protection against red rust, designed for use in both treated lumber and freshwater environments.



STAINLESS STEEL

304 stainless steel fasteners provide codecompliant use in ground-contact, pressure-treated, and fire-retardant-treated lumber in general and coastal construction projects. They're well-suited for use with cedar and redwood decking.

PRO TIPS FROM MARK CLEMENT @MYFIXITUPLIFE

Save time and don't pre-cut your deck boards. Run them long cut them all at once to get a perfect overhang.

Consider reinforcing your ledger board by butting up a 2'×6' under it and then securing it with a 2'x4' over top of both. This cleat is a great belt-and-suspenders approach to safety.



INDEPENDENTLY TESTED AND CODE-COMPLIANT

PowerLags®

DECK LEDGER ATTACHMENT (TER No. 1711-01)

MULTI-PLY - GIRDER TRUSS

SPAX Engineered Fasteners receive independent evaluation and specialized testing through DrJ Engineering TER reports to ensure their certification for performance requirements in accordance with industry building codes. SPAX follows ICC-ES AC257 acceptance criteria for all exterior coated screws.

Our industry-leading fasteners meet International Residential Code (IRC) standards for one- and two-family dwellings not more than three stories high and International Building Code (IBC) standards for structures not covered by the IRC.



QUICK REFERENCE CALCULATOR

For easy reference, we've calculated the number of deck board fasteners you'll need for 5 popular deck sizes, depending on the joist spacing you choose.

| | DECK DIMENSIONS — | | | | | | | | |
|-------------------------------------|-------------------|--|-------------|---|-------------|--------------------------------|--|--|--|
| JOIST SPACING | 144 sq. ft | . 240 sq. ft. | 256 sq. ft. | 320 sq. ft. | 416 sq. ft. | | | | |
| 12" 4.3 fasteners per sq. ft. | 620 | 1032 | 1032 1100 | | 1790 | - () L L H () L | | | |
| 16" 3.6 fasteners per sq. ft. | 520 720 | | 864 | 1152 | 1498 | L | | | |
| T-Star plus Mu Flat Head HCF | | T-Star plus Flat H Series Stainless S | | T-Star plus Trim He Series Stainless Sto | | 304 | | | |
| FASTENER OPTIONS — | | | | | | | | | |

Note: The ideal size and length of fastener for deck board installation is #10 x 3"

BUY LESS. DO MORE.

SPAX PowerLags require up to 50% less fasteners for ledger board installations compared to other structural fasteners.

16—
to get the job done

40

for the same application



ACCESS OUR ONLINE CALCULATOR

Scan the QR code for instant access to fastener needs based on deck size and joist spacing.

LEARN MORE AT SPAX.US/DECKSOLUTIONS





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