

INSTALLATION | STRUCTURAL WOOD POST ANCHOR 8x8

DESIGNED FOR CONCRETE SURFACES

! Do not use on surfaces 30" or higher (U.S.A.) or 600mm / 23.62" (CAN) or higher **UNLESS** you build according to our Engineering Reports (See QR link below) **AND** obtain approval by your local authority.

! Use only Stainless Steel Screws with Aluminum Decking. Sold Separately.

! Installing on a wood frame surface requires a **WOOD INSTALL KIT** and is outside the scope of the engineering report.

STRUCTURAL WOOD POST ANCHOR KIT

4X4 ONLY

(1) Base, (2) Set Screw Plates, (1) Tube, (1) Bracket (4x4, soft wood only), (4) Set Screws, (1) Threaded Stud, Concrete fasteners sold separately, (2) Locking pins

TOOLS NEEDED

HAMMER

SOCKET

DRILL

SANDPAPER, PUTTY KNIFE, WOOD FILLER

1/2" Twist bit

1-1/2" x 18" Ship Auger

Wedge Bolts®

1/8" Allen Key

OPTIONAL

Grease

POST WRENCH See step 11

CHECK IT OUT!

Sold separately

1 START

BORE 1-1/2" diameter hole to 11-1/2" deep.

2

TAP tube into bore with V-CUT facing side of post.

3A Tap tube flush with bottom of post.

3B Insert threaded stud into nut inside tube.

3C Using a scrap of wood, TAP stud to set tube.

3D 1/16" below surface of post.

4 Mark the two locking pin hole locations centered over the position of the tube.

9-1/2" 10-1/2"

5 DRILL with 1/2" Twist bit to the opposite side of post.

6 TAP the two locking pins into holes and set them 1/8" inside of post.

ENGINEERING REPORTS FOR APPLICATION SUITABILITY

ATTENTION

- Do not use this product for residential code guard rails **UNLESS** you have a local engineer or inspector approve your application in your area. It has not been tested for use with rail systems.
- Intertek engineering reports are for guidance only and complying with them does not necessarily mean your structure will be code compliant. Any variation from the assemblies tested in our engineering reports is outside of the scope of the report.
- This product is not for industrial, commercial or apartment building applications. It is for private residential use only.

STRUCTURAL WOOD POST ANCHOR / TSPA70

PATENT NO US 9,976,298

www.titanbp.com/warranty

WARRANTY

Titan Building Products offers a Limited Manufacturer's Warranty. Terms and Conditions Apply.

TITAN BUILDING PRODUCTS

THE ART OF BUILDING

More Outdoor Beauty... Real easy.

Pro

1-866-577-8868

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7 **!** **4X4 ONLY** Strengthen softer woods. TAP the 4x4 SUPPORT BRACKET into base of 4x4 post in a circular pattern.

8

DRILL pilot holes with masonry bit.

9

Adjust set screws with Allen key to level the base

10

3" MIN
3/8"

OPTIONAL
ADD some grease to the threads.

SCREW Wedge Bolts® down.

HAND TIGHTEN threaded stud until stud contacts substrate.

11

Use scrap material and 3-1/2" screws to make post wrench.

CHECK IT OUT!

Sold separately

12

Hand turn post on threaded stud until firmly against base. Then use post wrench to turn another 180 degrees to remove any slack.

FINISH

APPLY wood filler and sand.

ATTENTION

This product is not for industrial, commercial or apartment building applications. It is for private residential use only. If you wish to use this product for any residential code application including a railing, engage local professionals before beginning work: (i) to ensure that this product is appropriate for your intended use and that the structural components which this product is to be used in conjunction with are sound and that the work area is safe and free from all potential hazards including utilities and other services, (ii) to provide clarification if these warnings are unclear or you do not understand any of the information in the installation instructions for this product. Always comply with applicable building codes. Be aware that building codes may vary.

When using tools always comply with the applicable user manuals and instructions. Everyone in the vicinity of any work area must wear appropriate protective gear including gloves, footwear, eyewear, hardhat and appropriate clothing. Inspect and maintain these products and the structural components that they are used in connection with on a regular basis using professionals when appropriate. Always work in a safe manner.

In no event shall Titan Building Products be liable for any loss or damage, direct or otherwise, which results from the improper use of this product. If for any reason Titan Building Products becomes liable for loss or damage, direct or otherwise the aggregate liability of Titan Building Products shall be limited to the retail purchase price of the products.

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