



Tuscan Base Replacement

Tuscan Bases are used in Classical Tuscan columns with both Fluted and Smooth Shafts, while Attic Bases are used with columns that have the following Stylized Capitals: Doric, Roman Ionic, Scamozzi, Composite, Roman Corinthian, Temple or Tower of the Winds.

Torus =====>

Plinth =====>



Material Selection

HARDWOOD is the material of choice for customization. Tuscan Bases are custom made in 2 parts - the circular Torus and the square Plinth. For exterior applications select from Pine, Cedar, White Oak, or Fir. Wood allows for customization of every part. Like all hardwood architectural products, the bases are made from solid wood staves joined with exterior grade glue. The wood staves are kiln dried as per the NHLA standards to 6 to 8% moisture content. Wood stave construction, used for 200 years, is far stronger than solid wood which ends up cracking.

Replacement Issues:

You may need to replace a base and/or part of the column's shaft due to water or insect damage or just age. It is important that the plinth reside on a level surface be it concrete or a wood deck. The hardwood bases are subject to both fixed load from the column shaft and additional static loads from snow and ice. It is important that the base sit on a level surface. If the substrate is angled due to ground shifting, it will put excessive pressure on one side of the wood plinth's staves which could result in cracking over time. If the plinth sits on concrete as per the national building code, there should be a sheet of poly between the wood (an acid) and the concrete (an alkaline). Wood always wants to be a tree again and absorbs the lime moisture from the concrete resulting in rotting over time. If the rot of the base has infected the column's shaft, we can make a portion of the shaft only without replacing the entire shaft. We suggest locating the rot extent line and replacing 1 foot more above that line.



All wood bases should be treated with preservatives visit Imperialcolumns.com

NON WOOD Tuscan Bases are made from molds and are hollow to wrap a load bearing plug that holds the weight of the shaft or the remaining part of the column shaft that gets cut away. There is customization available for larger orders of non-wood bases. ArchPolymer™ is a high density polyurethane and FRP-PolyComp™ is made from calcium carbonate and fiberglass resins. They are both rot, water and insect resistant.

All information is without prejudice and is intended to the benefit of the reader. For direct application of your situation, always consult a qualified structural engineer, architect or licenced contractor that adheres to local building codes and guidelines regarding loads. The following forms are the intellectual property of Imperial Productions and Distribution Inc copyright 2022 and intended for Imperial's clients use only.



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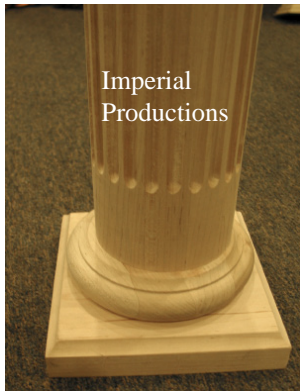
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JUL-22



Custom Tuscan Base - Replacements

Made from Solid Hardwood Staves



We require the circumference of the bottom of the existing column shaft

Column Circumference = _____

The easiest way to measure any round portion is to take a string tape it to one end and go around the circle. The length of the string is the circumference

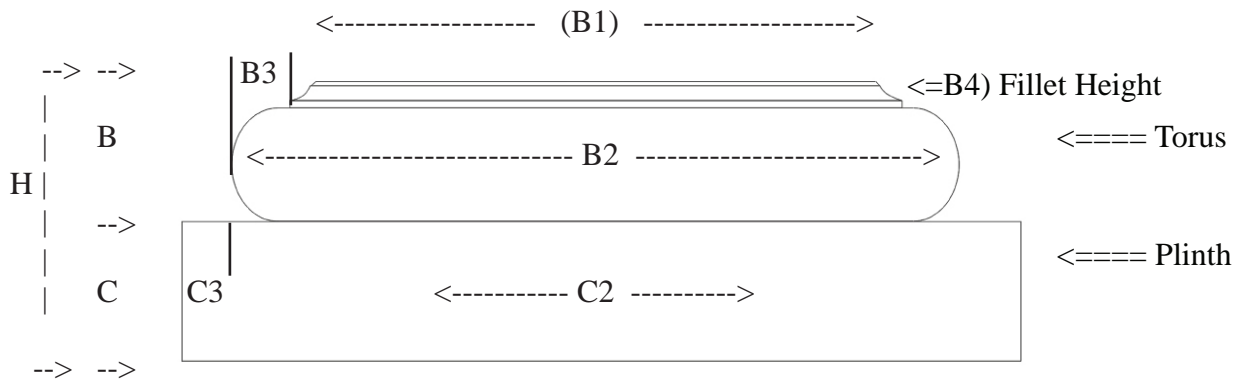
Which parts do you need selection # _____

A) Round Torus & Square Plinth

B) Round Torus only

C) Square Plinth only

Tuscan Base Round Torus & Square Plinth



B) TORUS (Round Turned Area)

B1) Top Flat of Torus (where the column shaft sits on) should be 1/2" wider than the column Bottom (SB)

Column Shaft Bottom (SB) + 1/2 inch = B1 _____

B) Height _____

B2) Circumference _____

B3) Distance from Torus Round to Taper of Top Section _____ B4) Fillet Height _____

PLINTH C) Square Height _____ C2) Square Width _____ Square Depth _____

C3 - Distance from End of Plinth to Round of Torus _____

H) Confirm the Total height of all the parts: _____

It is your responsibility to confirm fixed & dynamic loads on this base with your own structural engineer

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Custom Tuscan Base

Made from Solid Hardwood Staves



<= Cove

Option Required:

- 1) Plinth with a Cove
- 2) No Cove

Enter your Selection _____

Interior Use Stain Grade

- 4) Sap Maple 5) Red Oak 6) White Oak 7) Alder 8) Cherry 9) Beech
10) Walnut 11) African Mahogany 12) Ash 13) Yellow Birch

Exterior Use

- 14) White Pine 15) Clear Pine 16) White Oak 17) Western Red Cedar

Wood Species - Enter # _____

Quantity: _____
Whole

Quantity: _____
Split for 1/2 column

Once we receive your form we will do a quote for your approval

Options:

We can also reproduce part of the column shaft if it is rotted

Example: Attic with optional column bottom



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JUN-25



Request for Quote

Download and Auto Fill PDF

Name / Company _____

Phone _____ Email _____

Billing Address _____

City _____ State / Prov _____

ZIP / PCode _____

Ship to Address _____

City _____ State / Prov _____

ZIP / PCode _____

Notes: _____



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