

# IP 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 CapitalsDoric, 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](http://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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JUL-22



# Custom Tuscan Base - Replacements Made from Solid Hardwood Staves



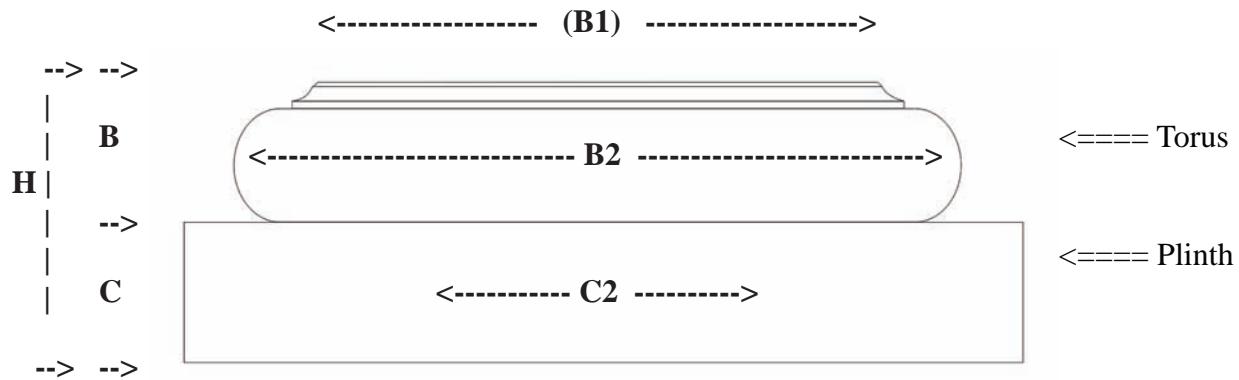
We require the circumference of the bottom  
of the column shaft      SB) Column Circumference = \_\_\_\_\_

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 # \_\_\_\_\_

- 1) Round Torus & Square Plinth
- 2) Round Torus only
- 3) 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 \_\_\_\_\_

PLINTH C) Square Height \_\_\_\_\_ C2) Square Width\_\_\_\_\_ Square Depth\_\_\_\_\_

H) Confirm the Total height of all the parts: \_\_\_\_\_

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# Custom Tuscan Base Made from Solid Hardwood Staves



Option Required:

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

<= 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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Request for Quote

# Download & Fill-In Form

Name / Company: \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Billing Address: \_\_\_\_\_

City: \_\_\_\_\_ Prov / State \_\_\_\_\_

PC / Zip Code\_\_\_\_\_

Ship to Address: \_\_\_\_\_

City: \_\_\_\_\_ Prov / State \_\_\_\_\_

PC / Zip Code\_\_\_\_\_

Product Code: \_\_\_\_\_

Quantity: \_\_\_\_\_

Notes: \_\_\_\_\_

Fill-in & Email to [sales@imperialproductions.com](mailto:sales@imperialproductions.com)



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