Attic Base Non-Wood Replacement

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

Upper Torus ==========>
Concave Scotia =====>
Lower Torus =====>
Square Plinth =====>

Material Selection

ArchPolymer™ is the material of choice for decorative customization - perfect for residential exterior use.
It is water, rot and insect resistant and has the same density as White Pine. This means you can cut it just like wood with a thin manual blade. Attic Bases are custom made from molds with integated Round Torus and the Square Plinth. Made in 1 Part

GFRC-Zeamen™ is the material of choice for commercial and high end residential decorative customization.
It is made from Portland Cement mixed with Polymers. The proprietary mixture is unlike standard Concrete because it results in very smooth profiles providing a perfect strong heavy decorative base. Made in 2 parts

Both materials are made decorative ie they are hollow and wrap around existing columns that sit on the substrate. They are not load bearing.

Replacement Issues: Load Bearing Plugs

Once you cut away the rotted bottom of the column and base, you may need to replace part of the column to accommodate the shaft load. We can provide load bearing plugs in Hardwood that serve as load plugs or can be made to extend the column shaft. Zeament™ plugs fit right into the Attic Base providing a level platform for the shaft. They are made to the exact height of the decorative base allowing the shaft to reside on the plug Use the approved construction adhesive to secure the plug to the base and substrate.

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 licienced 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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Attic Base Replacement

TAG _____

SC

Existing Column Shaft Bottom 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.

Column Bottom Shaft Circumference = _____ (SC)

(SC) / Pi (3.14) = Bottom Shaft Diameter _____ (SD)

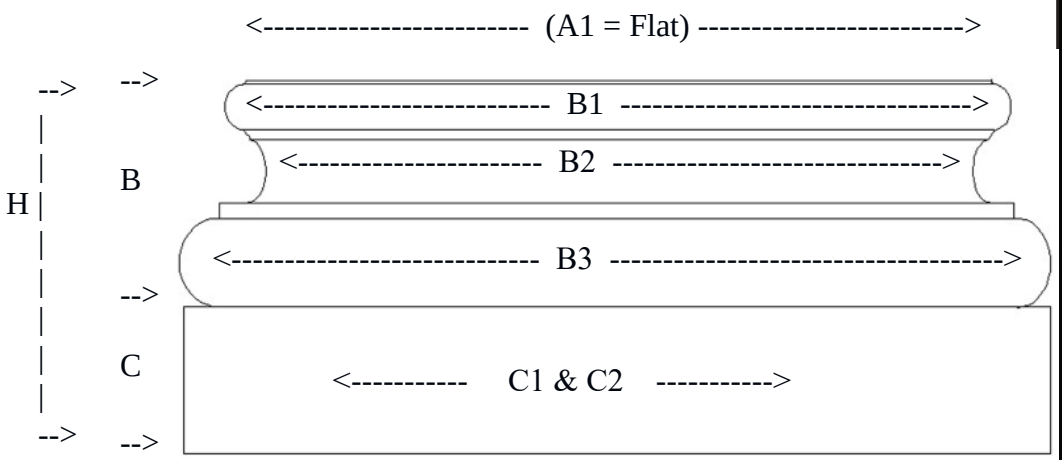
Materials:
Input #

_____

Hollow Non Wood
1) ArchPolymer™
2) GFRC-Zeament™

Plug Size

_____



SC) Column Shaft Circumference _____ or Diameter _____
Hole: Slightly larger than Column shaft _____
Shaft sits on substrate not the decorative base

A1) Top Flat Circumference _____ or Diameter _____
Round Torus
B) Total Height: _____

(B1) Upper Torus Height _____ Diameter _____

(B2) Scotia Height _____ Diameter _____

(B3) Lower Torus Height _____ Diameter _____

Square Plinth
C) Height _____ C1) width _____ C2) Depth_____

H) Total Height of all parts _____

Quantity: _____
Whole

Quantity: _____
Split for 1/2 column

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JUL-26

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