TerraCast®
PRODUCTS

CUSTOM BASE PRODUCTS CAPABILITIES

INNOVATIVE.

STRONG.

RUST-FREE.

SOLVING THE AESTHETIC PROBLEMS

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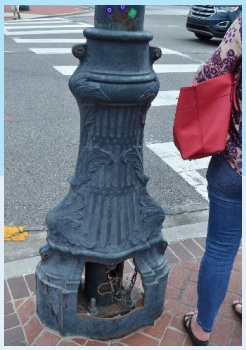
Problems



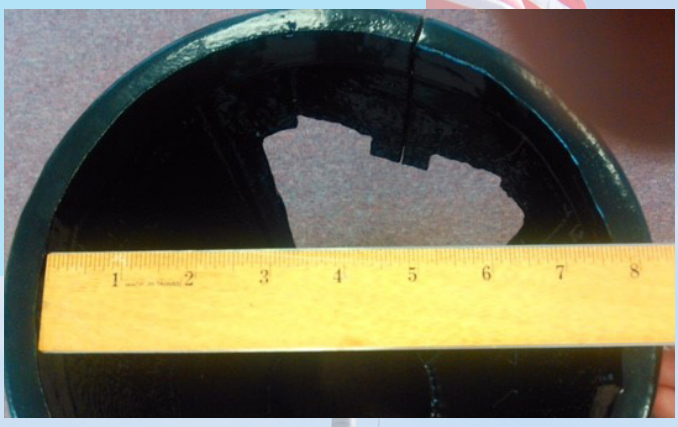
The base of a light pole is often neglected. Aluminum bases get stolen to be sold for scrap metal leaving the rest of the pole exposed. Replacing the base with the same material will only repeat the cycle. This is why TerraCast® offers resin light pole bases; to protect the most vulnerable location - the bottom of the light pole. The resin material is resistant against chipping, rusting, or corroding, making it last forever.

Benefits

- Reduced Cost
- Reduced Lead Time
- Easy Installation
- Vandal Resistant
- Impact Resistant
- Improved Safety
- Improved Security
- Matching Industry Styles
- Great for Coastal Installations
- Made in the USA
- No Paint
- No Rust
- No Corrosion
- No Maintenance
- No Scrap Value
- Recyclable
- Lasts for Years
- Ability to Customize

TerraCast® Bases are made with UV stabilized Linear Low Density Polyethylene (LLDPE) resin material. Our LLDPE resin is specially formulated, designed and manufactured to withstand years in the sun and harsh climates. The UV stabilized, color thru material provides a lifetime of vibrant colors. We have developed a recycled black color that is made primarily from post consumer recycled material to further our commitment to reduce waste. Our resin products are 100% recyclable and should never end up in the landfill.

Berkley Base



Before:

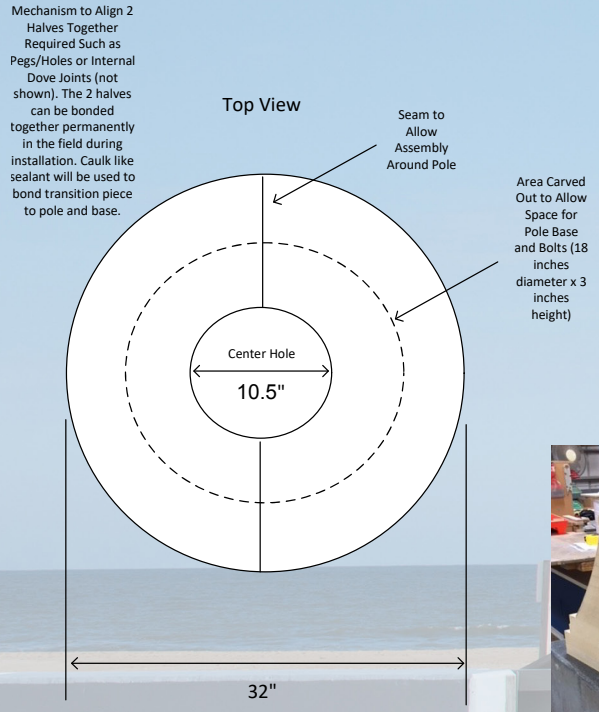
After:

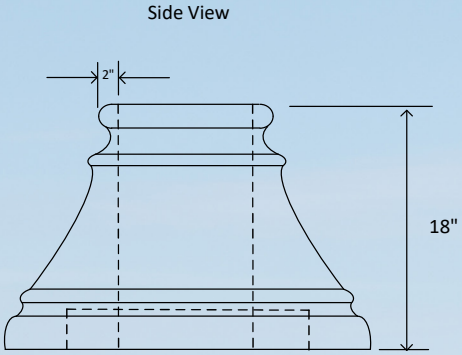
NAME	STYLE	BASE OD.	HT.	POLE DIA.
BERKLEY	CLAM SHELL	20.74”	42”	7.74”

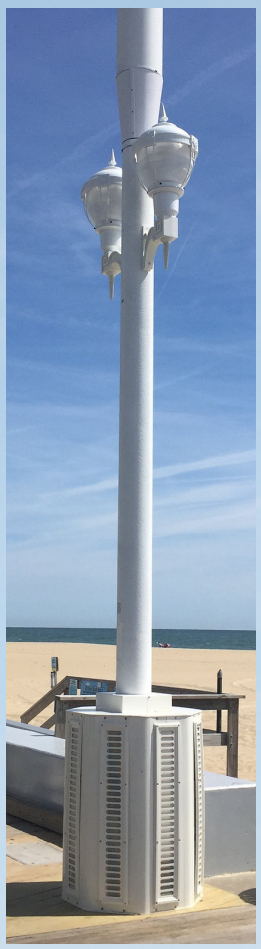
Pictured on top left is a base made from cast aluminum for a municipality. Year after year the village spent time and money painting and maintaining their bases. Then they found TerraCast®. We were able to replicate their base, bottom left and right, and gone are the days of the aluminum parts.

Boardwalk Base

This is a concept that was presented to us by an industry leader in small cell tower technology. We were only provided with a drawing, and TerraCast® made their vision come to life. The first few pictures showcase the wooden plug, which was created from scratch, then shaped by hand on a lathe. From there, a plastisol part was made using the plug as a guide. This faux replica is a model of the exact finished part and the actual "plug" was used to cast the mold for future parts.







Before: cell tower without transition base

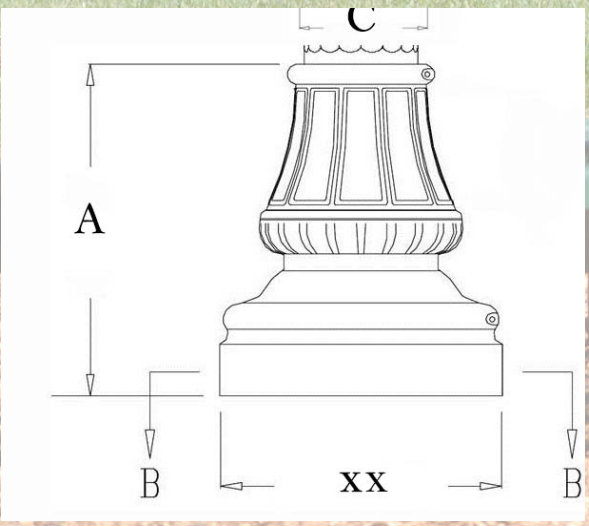
After: cell tower with transition base

Resin Boardwalk base installed.

NAME	STYLE	BASE OD.	HT.	POLE DIA.
BOARDWALK	CLAM SHELL	32”	18”	10.5”

Washington Base

This is a decorative replica Washington Style Bell-shape base. This particular model can come as a drop-over base or as a clam shell*. Municipalities are beginning to find a real advantage in using our materials because the parts that we produce will not rust, pit, corrode, or rot. There is no more maintenance!



Before:

After:

NAME	STYLE	BASE OD.	HT.	POLE DIA.
WASHINGTON	DROP OVER	19”	18”	3” - 5”

*** Inquire on sizes for Washington Base in clam shell style.**

Bermuda Base

In one of South Florida's premier master planned communities, many of the tapered light poles and decorative bases made from aluminum had met their economic life. Rather than replacing all of the bases with aluminum, and waiting for the problem to happen again, TerraCast® was contacted by a local property management company to see if we could match their bases and eradicate the problem with resin. So we did. Found below, you'll see pictures of the weathered aluminum base and a TerraCast® replica at the end.

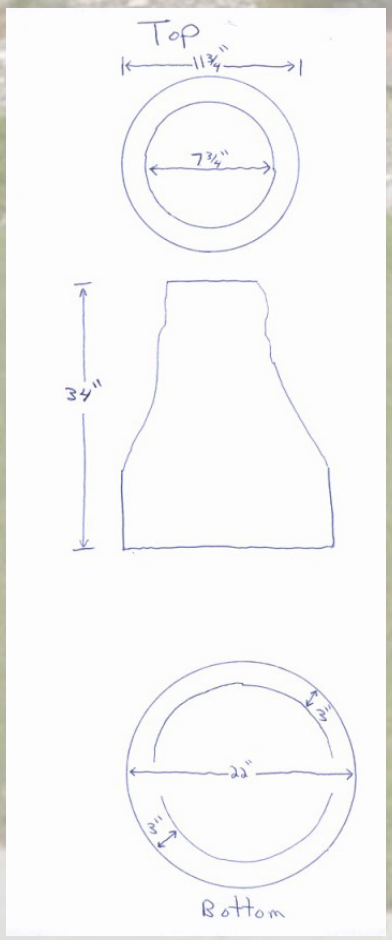
Before:

After:

NAME	STYLE	BASE OD.	HT.	POLE DIA.
BERMUDA	CLAM SHELL	12"	24"	3" - 4"

Gillette Base

A city in the west was struggling with adverse conditions affecting their roadway bases. As you can see below and on the next page, we were given a hand drawn sketch and a few pictures of an actual, dilapidated part. From that, we were able to create a wooden plug, and then cast aluminum around it to make a female mold. We also produced a 3-D PDF for the customer to preview before we began to finalize the mold.



The new resin Gillette base is UV stabilized to minimize fading. This base will not peel, rust, or ever need painting. Unlike metal bases, TerraCast® resin bases do not have a resale value through recyclers, mitigating the threat of stolen bases. This preserves the beauty of the installation and protects the city from liability against exposed wires.

Before:

Before: original metal base

After: upgraded resin base

NAME	STYLE	BASE OD.	HT.	POLE DIA.
GILLETTE	CLAM SHELL	24”	34”	6.5” - 7.75”

Maple Leaf Base

An east coast city challenged TerraCast® Products to solve their issue of fading, chipping and rusting light pole bases. They were tired of the expense and labor routinely required to maintain their failing bases. TerraCast® was able to provide them an exact replica of their aluminum bases with a new base that would never need to be painted or to be maintained for aesthetical purposes. By producing their bases in our Linear Low Density Polyethylene, TerraCast® created a UV Stabilized, color through decorative base that would never be subject to chipping, cracking, or needing to be touched up. They could safely and easily pressure wash any grime or salt build up on the bases when they maintained their sidewalks. This municipality was also able to contribute to minimizing it's carbon footprint by utilizing a product and material that utilizes more than 90% recycled material and is 100% recyclable.

Before:

After:

Before (left), After (right)

NAME	STYLE	BASE OD.	HT.	POLE DIA.
MAPLE LEAF SMALL	CLAM SHELL	21"	40"	7"
MAPLE LEAF LARGE	CLAM SHELL	30"	44.5"	10.5"

Planter Line

In addition to all of the bases and transitions that TerraCast® is capable of making and producing, our company prides itself on helping to segregate vehicular and pedestrian traffic in major metropolitan areas. Years ago, the NYC DOT approached TerraCast® to create a one-of-a-kind mold to look like a step-sided planter. Similar to the light pole base projects, TerraCast® was able to produce a custom mold to customer specifications and then manufacture parts for installations in noteworthy locations, such as Times Square, Herald Square and the Flatiron District. Bar none, TerraCast® has more planter containers in New York City than any other single installation and 24/7/365, our containers are thriving in the city that never sleeps.

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