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## **What materials are used in your system?**

All of the components of the Magnolia under deck ceiling system are manufactured from aluminum. Fasteners are stainless steel screws. The sealant we recommend and provide with your kit is a Geocel tripolymer. For details on this product follow this link.

[http://www.geocelusa.com/php/oic/product.php?prdb\\_product\\_id=7](http://www.geocelusa.com/php/oic/product.php?prdb_product_id=7)

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## **I'm looking for an under deck ceiling I can install myself. Is this possible with your system?**

Not only is it possible, but we encourage homeowners and contractors to install our kits. Information about our kits is available at the link given below. We offer a **live, one on one video conference** with one of our experts who will discuss the advantages of the Magnolia System and how it applies to your particular situation. Once the project is begun this live video support will be available throughout the installation. Our phone support is of course available also. This is a link to more details on our self install kits.

<http://www.magnoliaunderdeck.com/KitWork/index.htm>

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## **Can I have the system installed?**

Yes. We have qualified installers in most areas, and our training is available to a contractor of your choice. [\(back to top\)](#)

## **How much waste material will I be paying for?**

Each system is custom built, therefore you do not pay for extra material you do not use. [\(back to top\)](#)

## **I've heard about corrosion resulting from aluminum contacting pressure treated wood. Is this a problem with the Magnolia system?**

Aluminum can be safely used in contact with lumber treated with micronized copper wood preservatives. We use only this in our installations and strongly recommend its use to our kit installers. It is available under several brand names. This link

<http://web.utk.edu/~mtaylo29/pages/Micronized%20copper%20wood%20preservative.htm>

will take you to the University of Tennessee Forest Products Extension's report on this matter,

Furthermore, the Magnolia system does not attach to the existing deck structure, but to a new structure attached to the existing bandboards. So your deck being built with older, more corrosive treated wood is not an issue for the Magnolia system if you follow our recommendation. There is no contact with your existing deck. [\(back to top\)](#)

## **How long does a typical installation take?**

A simple rectangular deck will take an experienced installer and a helper one to two working days to install. [\(back to top\)](#)

## **What can prolong the installation time?**

For the kit installer, the short answer is, inexperience. We include a through installation manual with each kit. We hope the kit installer will take the time to refer to it often and follow the detailed instructions. The basics are covered in our [installation summary](#) elsewhere on this site.

We now offer live, one on one video conferencing that can clarify any issues not clear to you.

Wiring, bay windows, [Cantilevers](#) and other non-rectangular shapes will take more time, even for experienced installers. [\(back to top\)](#)

## **Do under deck ceilings require maintenance?**

Only a system that creates obstructions to the flow of water, or holds pooled water will have maintenance issues. If an underdeck ceiling relies on the levelness of the deck above for its pitch, or if there are obstructions to the free flow of water built into the system, then the system will hold water. The debris that washes from the deck floor above will reach the retained water, become waterlogged and will accumulate rather than wash away to the downspout. The Magnolia System's Free Flow Design does not depend on the levelness of the deck above. The flow of water is unimpeded by any hardware that suspends the Magnolia System. [\(back to top\)](#)

## **Does My Underdeck Installation Need to be Ventilated?**

If the system holds accumulated water it may need ventilation, and a fan, and a dehumidifier to dry out the loft above your waterproof ceiling. A system that does not hold water will dry out between showers without additional ventilation. [\(back to top\)](#)

## **Suppose I do need to get into the space above the ceiling, how difficult is that?**

Any panel that is not attached to a ceiling fan, or other through fixture can be easily removed. [\(back to top\)](#)

## **What colors are available?**

We offer 24 [colors](#) at the present time. Please note that the color palette shown by following the "colors" link rely on your monitor settings and resolution for an accurate rendition. We stock 30<sup>0</sup> white and cream. Other colors are special orders and are subject to a small surcharge. [\(back to top\)](#)

## **I have a cantilevered deck. How does the Magnolia system accomodate this?**

We treat the area under a [cantilever](#) as an entirely separate system. It will have its own ceiling panels, support and drainage systems. [\(back to top\)](#)

## **How much of my headroom will the Magnolia system use.**

The ceiling requires 4 inches below the lowest point on the deck above.

Our system slopes in two directions. From the high side to the gutter the panels drop 1/8 " per foot. The pitch from the high point of the gutter to the outlet is an additional 1/16 " per foot.

This means that a typical 10 by 20 deck will drop 1 1/4 inches in the direction of the ceiling panels and an additional 1 1/4 inches along the gutter toward the downspout.

If there is 10 feet of headroom it will be reduced to 9 feet 8 inches on the high side to 9 ft 5 1/2 inches at the corner next to the downspout. [\(back to top\)](#)

## **Will stains or paint applied to my deck damage the Magnolia system?**

No. Of the paints or stains we have investigated, most are harmless to aluminum. However, it is very important to read the paint or stain manufacturers literature, or consult with your paint dealer to confirm this. [\(back to top\)](#)

## **What does the Magnolia system cost?**

We price our system by the square foot. It is custom built for your deck, so there is no waste. We are distinguished by our ability to take unusual shapes and configurations in stride, at no additional cost. [\(back to top\)](#)

## **How does the Magnolia system differ from similar products?**

Other systems may match some of our advantages. None can offer the suite of features that make the Magnolia system unique.

We offer a smooth, flat, finished appearance.

We offer removable panels.

All major components are aluminum. It is lightweight, strong, rust free and will not deteriorate or become brittle with exposure to the elements.

Both the ceiling panels and gutter are slanted to provide drainage.

All the major components are manufactured by Magnolia. We have total control over the quality of the product placed in your home.

The Magnolia system is a free span design. There is no obstruction to the flow of water from the deck above to the gutter.

No flashing is required on most installations.

The system is designed to be installed by anyone with basic construction experience, and a few ordinary tools.

We offer complete support during the installation process. This support includes live, one on one video web conferencing with an experienced installer. This is geared to your particular situation. Decks are too variable for a cookie cutter solution.

Any one, or a few of these advantages are offered by other systems. No other system can match this suite of features. [\(back to top\)](#)

## **Can ceiling fans and swings be attached to the Magnolia system?**

Definitely. Ceiling fans and sling chairs are routinely mounted to our system. In one instance a kit installer ordered four mounts and suspended a bed under his deck. [\(back to top\)](#)

## **I live in a cold climate. Will temperature extremes affect the Magnolia system?**

We have installed our systems from high Appalachian elevations to the Georgia costal plains with common temperature ranges from the single digits to the high 90's. We have shipped kits to the high plains of Colorado and Wyoming. There have been no reported issues with performance under these weather extremes.

**Expansion and Contraction:** The ceiling panels are fixed to the gutter on one end, while the other end is supported by the wall channels, but not fastened, so there is no resistance to expansion and contraction due to temperature fluctuations. The system is designed to be installed under the shelter of an overhead deck. This deck will bear almost all of the snow and ice accumulation during a single event. We expect that water falling onto the top of the underdeck ceiling during a thaw will drain normally until the next freeze.

**Water seals:** We recommend, and provide [Geocel 2300](#) tripolymer sealant. It has a service temperature range of -40<sup>0</sup> F to 180<sup>0</sup> F. [\(back to top\)](#)

## **Does the Magnolia System offer a warranty?**

We offer a 5 year satisfaction warranty. The paint on our installation warranted by our supplier for 50 years. Corrosion resistance is dependent on proper installation techniques, detailed in our instruction manual, and the use of Micronized Copper wood preservatives in the pressure treated lumber. [\(back to top\)](#)