

About MEC System's Non-Corrosive Furniture

Solid Construction

The strength of our furniture is ensured by the use of solid construction and sophisticated engineered resin- Andure®. Our furniture is made from solid blocks of 3/8", 3/4" or 1 1/8" Andure®, resin with titanium alloy.

UV Exposure

Ultraviolet light takes its name from its ultra-long wavelength. It is this wavelength that can penetrate and break the polymer chain causing the material to become brittle and chalky. Studies show that an unusually efficient light-absorbing molecule called HALS is effective to protect Andure's® long chain molecule structure from UV deterioration and thereby ensure the long life of our outdoor furniture.

Sun Shield

Common resin will fail as a result of the constant penetration of solar radiation. We fight the sun's fire with another fire - rutile - which is titanium ore. Rutile is alloyed with our co-polymer to become Andure® and reflects damaging solar radiation by redirecting it into a harmless pattern. When we alloy rutile titanium ore with resin, we capture the benefits of this remarkable crystal.

Frequently Asked Questions

Is assembly required?

Some assembly is required unless noted. Most products do not require hardware and assemble with mortice and tenon joints. Assembly instructions are included with each item.

Do I have to store the furniture?

NO...since our product is made of Andure®, a titanium resin alloy, the furniture can remain outdoors throughout the year and will not rot, split, crack, peel or rust. It is virtually maintenance free.

What is the lead time?

Normal delivery time is 4-6 weeks. Some items may be shipped in less time based on availability of stock. Large orders may require an extended lead time.

What is the warranty?

We have a limited 10 year warranty against structural failure. It is further warranted not to rot, split, crack or peel during this period.

Is the furniture made in the USA?

We are proud to say that all of our products are made in the USA.

Important Information

All outdoor furniture is exposed to the environmental forces which degrade all materials eventually. Ultraviolet light, salt spray, oxygen and physical abuse are the principle threats to long life in the elements. Our furniture uses advanced material to address these concerns to create the highest quality resin furniture known to date. The thickness of Andure® is dramatically greater than popular light weight resin furniture.