



WARISAN INC | 5619 4th Street. Unit 4. Los Angeles, CA 90036 USA
Phone 323-938 3960 | Fax 323-938 3959 | Toll Free 1 877 WARISAN | info@warisanusa.com

Warisan's wood types, colors and finishes

WOOD:

Wood types and finishes vary from one collection to another and certain wood types are unique to the individual collections.

Warisan uses only Plantation or Recycled woods in order to preserve rain forests. Indonesian plantations are under the government administration and ensure that the trees are cut at the proper time and carefully reforested.

Recycled Teak comes from demolished old buildings, old telephone posts, train rails, old rice grinders etc. Unfortunately, recycled teak is found in less quantity every year and this is why we do not offer the production of large contract orders in this beautiful material anymore.

Our collections "Neo Primitive", "Mirai", "Inlaid", "Java", "Madura" and "Pioneer" were designed for the use of Recycled Teak. For large quantities however, we will produce these models in new plantation wood with a distress finish that resembles recycled wood.

The main plantation woods we use are: Teak, Mahogany and Chinaberry (locally called Mindi wood). In general, items produced from Mahogany or Chinaberry woods are less expensive than their Teak counterparts. Mahogany & Chinaberry are however of lower density, which makes them not as durable and stable as Teak. They are perfectly suited for indoor contract use (with the exception of some particular delicate design that may require a very dense and strong wood such as Teak). Neither Mahogany nor Chinaberry is suitable for outdoor or semi-exposed use. Mahogany is only suited to darker color stains (please refer to our "warisan materials" section of our 2009 edition binder for further details).

Teak is recognized for its durability and stability under severe climate conditions and its resistance to insect's attacks. This wood natural qualities and a high quality construction can guarantee long life to our products even if left permanently in outdoors (Teak has been for over 150 years the choice of ships construction and other marine applications). However, take into account that not all finishes resist outdoor conditions, and that it will require special care. Therefore be clear to let our factory know when your items will be in outdoors or semi-outdoor environment to ensure the appropriate finishing and materials selection is applied.

In Warisan we kiln dry all woods for periods that range between 2 weeks up to 4 weeks (pending on wood thickness) until the wood is brought down to a 6-10% MCL. We also use construction techniques that prevent wood from cracking or warping.

Keep in mind however that wood will always react to climate changes (expanding or contracting as temperature and humidity changes). And remember that all the timber we use is from tropical woods. It is therefore recommended that you use some humidifier if your room is too dry and that you avoid placing wooden furniture right below an AC or heating fan.

Extreme cold conditions (high mountain) where outdoor furniture will pass from being under snow to sun exposure in a few hours, or extreme dry (desert) conditions are not recommended for any

wood. Only some materials and design will stand desert conditions and any wood (including Teak wood) must be protected from direct snow exposure.

Indonesian Rosewood and Palm wood are another two exotic woods that Warisan uses in its products. These two woods are intended for accents only; we do not manufacture large items out of these more unstable timbers. They are always left in their natural color; variances in their tone from the sample swatches are to be expected.

Warisan also provides other wood veneers, such as Zebrano, or many others under custom request.

Like any other material, wood requires the proper maintenance to keep its beauty. We will provide you in this article with some maintenance guidelines very easy to follow, provided that you do it on regular bases.

COLORS:

In general our color stains are water based, so as to avoid toxic products in the work place and ensure coloration penetrates the wood grain. Color options are offered pending the wood type and Tonal differences are to be expected. Wood grain and color vary pending on origin and age of wood, an unavoidable characteristic of a natural product.

FINISHES:

This refers to the varnish or final coat applied to protect the wood. Our different finishes are:

Well sanded - no finishing coat: used for teak wood products for outdoor use. It shows the Teak in its natural beauty. It will grey faster under the outdoor conditions. This silvery gray 'patina' gives teak furniture a distinctive appearance, considered to be very attractive, and allows teak furniture to blend in well with many outdoor environments. Teak left in this state is easily maintained, and needs no treatment whatsoever to give many years of service. You may consider to simply apply some Oil once a year if under dry conditions.

Oil: suited to exterior or semi exposed applications. Not water or sun resistant. This finished is applied on Teak wood only. The advantage of this finish is that it's quick and easy to apply.

The teak will gradually weather to a handsome silver gray color if left outdoors. You will begin to notice the "graying" after 3 month or so, depending upon the amount of sun and rain the furniture is subject to.

If you prefer to preserve longer the original blond Teak color, we recommend oil application of about 3 times yearly, pending the external conditions.

Shellac or Wax: a traditional finish, best suited to interior applications and items that require a classic appearance. It is the finish we use in some of our antique items or recycled unique pieces. Not water or alcohol resistant, prone to ring marks when used on tabletops.

Nitro Cellulose: "NC" is applied with a spray gun. This finish gives a natural satin appearance and is water resistant. Suitable for Tables, Desks and other surfaces exposed to water. Semi matt is our standard. Best suited to interior applications. This is Warisan standard finishing for all items in Plantation Teak, Mahogany or Chinaberry woods with a contemporary look.

Polyurethane: applied with a spray gun. It is water and alcohol resistant. Suited to trays and counter tops, more resilient than 'NC' but does tend to 'kill' the overall appearance of the wood, meaning that the wood grain is no longer as evident. Best suited to interior applications and items intended for commercial use.

HOW TO MAINTAIN OUR FINISHES:

OIL: brush clean, or if necessary wipe or scrub item with water, and let it dry for 48 hours (you have to make sure that the surface is clean and free of dust). Rub in Teak Oil with a fabric cloth, about 3 times a year. If your furniture has already started to grey, or is dirty, in order to bring up the blond color of the teak, wash with a mild bleach solution, or lightly sand [paper 180-250] dry and apply oil.

N.B applying oil over weathered or soiled furniture will result in blackening the color. Before applying, be sure the furniture is clean and dry.

SHELLAC: clean the item with liquid Bees Wax applied to a fabric cloth. If the item is damaged [scratches etc.] sand it with paper 250-600 and apply the Shellac with a brush. If the item has been damaged and requires touch up, apply a matching color [best if water based] after sanding, wait 1-2 days for drying and then apply the shellac.

WAX: clean the item with liquid Bees Wax applied to a fabric cloth. If the item is damaged [scratches etc.] sand it with paper 250-600 and apply solid pure bee wax. If the item has been damaged and requires touch up, apply a matching color [best if water based] after sanding, wait 1-2 days for drying and then apply the shellac.

NITRO CELLULOSE [N.C.] and POLYURETHANE: to clean use Bri-Wax applied with to a fabric cloth, dry and polish the item. If damaged, touch up by applying one of the Bri-wax stained waxes to hide small scratches etc. If the surface is badly damaged the item will then need to be sprayed with N.C. again [do not apply with brush!]; no need to sand the item, as N.C. will attach well to the previous coat. It's imperative that any touch ups are applied with a spray gun.