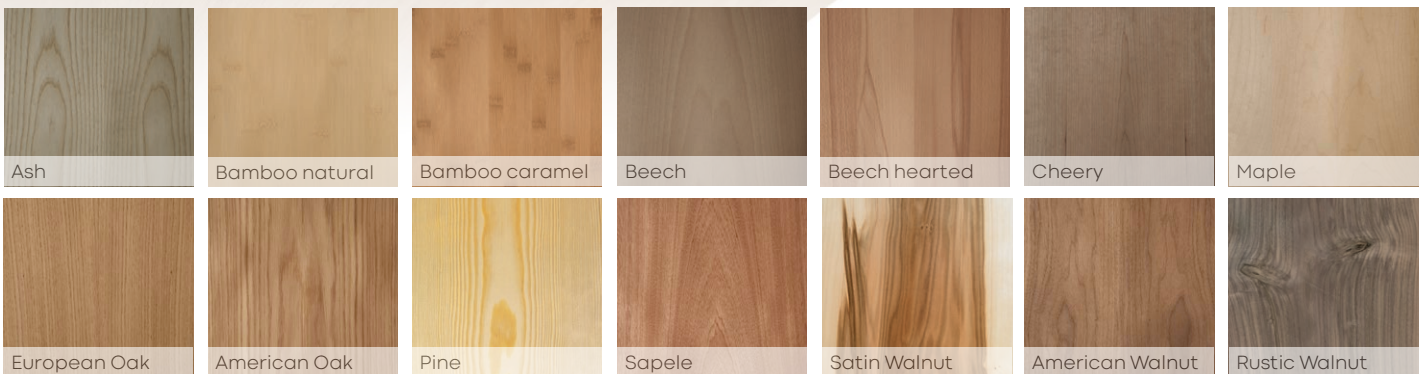


i:zi wood is high quality veneer of genuine wood with reinforced fleeced backing. i:zi wood is extremely flexible and easy to use. It can be cut with scissors or a craft knife and bonded to any dry substrate. The wood surface is pre-sanded and ready to be lacquered or oiled.

During the manufacture of i:zi wood, the wood fibers are "pre-fractured", yielding an especially flexible material composite. The i:zi wood fleece, gives the composite strength.

You can order i:zi wood by the sheet in the standard size of 2,440 mm by 1,220 mm and a thickness of +/- 0.6 mm.

14 variants are available: ash, bamboo caramel, bamboo natural, beech, hearted beech, cherry, maple, European oak, American white oak, pine, sapele, satin walnut, American walnut and rustic walnut (knotty walnut). We can supply alternative species, grain styles and sizes (MOQ 10 sheets).



ADVANTAGES

NO AIR BUBBLES

When i:zi wood is used properly, no air bubbles form between veneer and substrate.

NO GLUE SEEPAGE

The i:zi wood fleece of non-woven cellulose/polyester used in i:zi wood prevents seepage of glue /adhesive.

FEWER TEARS

During the manufacture of i:zi wood the wood fibers are "pre-fractured" and flexed. The fleece backing stabilizes the veneer and prevents the surface from tearing and splitting.

i:zi wood IS PRE-SANDED

and it is ready for immediate staining, polishing, varnishing or waxing.

i:zi wood CAN BE APPLIED TO ROUNDED SURFACES

rounded surfaces up to 360° are no trouble at all. The extreme flexibility makes EASiWOOD a specialist for curved shapes and hard-to-treat surfaces.

IMPERFECTIONS IN THE SUBSTRATE ARE CONCEALED

The fleece on the back of the veneer absorbs slight unevenness in the substrate. The natural beauty of the wood comes through.

i:zi wood IS MADE OF CERTIFIED WOOD.

Grimmel.
V E N E E R S

Update: April 2021 // Subject to change and errors without notice.

i:zi wood is a real wood veneer product and consists of veneer leaves, edge jointed together to form a book-matched sheet. This veneer sheet is then supported by a backing material made from non-woven cellulose/polyester fibres. The strength of the backing is further enhanced by impregnation with moisture resistant polyvinyl acetate adhesive. The resulting backed veneer sheet is then passed through a flexing process to produce a highly flexible product, which is then sanded ready for use. Standard size is a nominal 2,440mm x 1,220mm and a thickness of approximately 0.6mm. 3,050mm x 1,220mm sheets are available on request.

CONDITIONING BEFORE USE

It is important that both the **i:zi wood** sheet itself and the substrate to which it will be joined are conditioned in the same atmospheric conditions prior to use. A minimum of 48 hours conditioning should be allowed. If any fabrication is to be completed in the environment where the finished item will remain, then conditioning is also necessary to prevent shrinkage or expansion of the **i:zi wood** sheet and substrates.

ADHESIVE APPLICATION

The following adhesives will generally be used for most applications but care should be taken with their selection to ensure that optimum results are achieved. A test with the substrate to be used should be carried out if you are unfamiliar with any of the adhesives.

- Contact adhesive (solvent or water based)
- Urea formaldehyde adhesive (need a hot press)
- Polyvinyl acetate (need a cold or hot press. Pressing time will be much longer in cold presses).

If a contact adhesive is your preferred method of application for **i:zi wood**, then the following hints may be useful. Ensure that the substrate surface and rear side of the **i:zi wood** are both clean, dry and free of dust. If the contact adhesive is sprayed, ensure that sufficient coverage of both surfaces to be mated is achieved. Check the manufacturers instructions to confirm if a specific coat weight is recommended. For very porous substrates, a second coat of adhesive may be required to achieve adequate bonding. When

using hand applied contact adhesives, care should be taken to apply an even coat to both surfaces. Using a comb spreading tool is generally best for this operation. Refer to the adhesive manufacturers instructions for the best technique.

APPLYING THE EASIWOOD SHEET

Once the **i:zi wood** sheet has been applied to the substrate, carefully check the surface for any air entrapment. If air bubbles can be seen, cut these carefully along the grain with a sharp knife and push each side of the bubble towards the knife cut in order to release the air. The scraper should then be used to apply pressure to bring the two glued surfaces together. Pressure with a warm iron will also help form a bond after air removal, however, never use the iron directly on the veneer as colour changes can occur. A cloth or paper separator should be used. The processing of checking and removing air bubbles must be completed very soon after the **i:zi wood** sheet has been applied to the substrate.

FINISHING

Leave the fabrication for 48 hours before trimming back to size. Care should be taken if water based stains and lacquers are to be used for final finishing. Several light coats should be applied with adequate drying time allowed between each rather than one or two heavy coats. Moisture can be taken up by the veneer, which could result in ridges forming due to expansion of the veneer.

STORAGE

i:zi wood sheets should be stored flat and ideally covered with cardboard or black polyethylene to avoid fading or other colour changes in the veneer.

A cool dry area out of direct sunlight is best but it should be remembered that conditioning of all materials will still be necessary.

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VARNISH

The surface of **i:zi wood** is coated with a lightfast, fast-drying multi-layer lacquer. Therefore no further surface treatment is required. The deep mat varnish (gloss level 4-6) is protected by foil.

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ADHESIVE FILM

i:zi wood is coated with a self-adhesive film on the back. By peeling off the protective foil, **i:zi wood** can be applied at max. 70°C on clean, grease-free, flat surfaces. Not every surface is suitable. We recommend preventive tests before processing.

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