

Product data sheet

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dekowood

bark cloth[®]

Product description

The name **dekowood bark cloth**[®] stands for a decorative high pressure laminate (HPL) manufactured using the regrowing bark of the fig tree (*Ficus natalensis*). A cloth is obtained using the peeled bark of the fig tree. The bark can be peeled up to 40 times. The treated bark is made up in the country of origin, Uganda, and the cloth is sown together in large sealed sheets and is the natural raw material in the manufacture of

dekowood bark cloth[®]

The cloth made from the bark is pressed, using a special process, with a core of paper impregnated with phenol and/or melamine resins to a high pressure decorative laminate.

The surfaces are protected by the use of a lacquer (W 300/LAC), oil (W 300/OEL) or by pressing with an overlay (W 300/OVE). These surfaces are very pleasant to the touch giving a feeling of soft leather. The structure however is more marked.

Depending on the individual tree, cloth or treatment the colour can vary between intensive beige to a dark brown. Every **dekowood bark cloth**[®] sheet is in itself unique, which however gives a harmonic picture when used in combination with other sheets. The beauty and charm of the bark cloth sheet can be combined with other materials to give attractive and interesting effects.

Backing sheet for use with dekowood bark cloth[®] is: **RS 16 GLA 008**

This backing sheet is a white melamine laminate with a smooth surface with no extra quality guarantee

Dimensions and quality

All **dekowood** sheets are delivered in the dimensions 2440 mm x 1220 mm.

The tolerances for the dimensions along and across the sheets comply with EN DIN 438 which specifies:

- 0 mm and + 10 mm

The **dekowood** sheets can be produced in thicknesses from 0.8 mm to 1.5 mm.

The standard thickness is 0.8 mm giving a density of 1.4 kg/m².

The limits for the variations in thickness are also governed by EN DIN 438.

Nominal thickness	Maximum tolerances
0.6 - 1.0 mm	± 0.10 mm
> 1.0 - 2.0 mm	± 0.15 mm

All **dekowood** sheets are supplied in the standard size:

2440 x 1220 mm.

Application and processing

dekowood sheets are intended for use in vertical decorative surfaces in internal applications and in the furniture trade. The laminate surface is easy to clean.

Typical applications are: wall cladding, ceiling cladding, home furniture, hotel and restaurant furniture.

dekowood laminates can be sawed, routed and drilled using carbide tipped tools.

Glue types suitable for bonding of deko wood material:

- dispersion glues (PVAc)
- condensation resins glues (Urea resins)
- contact glues
- 2 component glues
- hot melt glues.

When using dispersion and condensation glues a gluespread of 100 – 150 g/m² and a pressure of 2 – 5 bar must be used.

The press temperature should not exceed 60°C.

When using contact, 2 component or hot melt glues the manufacturer's instructions should be followed.

When manufacturing elements care must be taken to ensure a symmetrical construction.. Here a backing sheet must be used. A good flat product can be obtained by using sheet of a similar material in second quality or the backing sheet type RS 16 HGL 008.

We recommend when using bark cloth® with an oiled surface that the surface should be treated with a linseed oil varnish after assembling.

Cleaning and maintenance

The surface of an oiled bark cloth® is best cleaned using a clean cloth or a soft brush. Should the oiled surface be damaged it can be treated with a linseed oil varnish. A lacquer or overlay surface can be cleaned using a soft moist sponge

Cleaners: glass cleaner or water with a little detergent.

Storage

dekowood laminates must be stored in a closed room, at a temperature between 18 and 25 °C and a relative humidity between 50 and 60%. The laminates must be stored horizontally, completely supported leaving 200 mm space between the floor and the supports.

The sheets must be:

Protected from moisture

Not exposed to direct sunlight

Not stored where exposed to a current of warm air.

In cases where a horizontal storage is not possible, the sheets can be stored, fully supported, inclined at an angle of 80°, secured to avoid slipping.

Waste disposal

dekowood waste can be **burnt** in officially accepted incinerators

dekowood waste can also be disposed of in landfills in accordance with the local regulations. The German authorities classify high pressure laminate waste as “other hardened plastic waste” which means that it is similar to household waste.

Should you have any questions please do not hesitate to contact our service department. Any open questions regarding particular details of the DIN EN 438 can be cleared by contacting our company. If you need samples you can order these in the form of chains or as hand samples in A5 or A4 format from DEKODUR®