



## The Cloth from Trees

### BARKCLOTH Europe

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## Material Description and Product Specifications: Bark Cloth® / BARK CLOTH®

### Material:

BARK CLOTH®\_Busoga\_0131  
BARK CLOTH®\_Bunyoro\_0131

### Short Description:

Bark Cloth® is a traditionally produced bast fiber from Uganda and the historical precursor of modern non-woven textiles. It is probably the oldest textile in the history of humanity. This fast regrowing material can be harvested yearly. Knotholes give rise to openings in the Bark Cloth®, which are closed with patches and seams. This, originally technical required, procedure has since come to be a stylistic application and can be utilized for surface structure designs. Bark Cloth® is available with or without patches and/or seams. Bark Cloth® eco is the only worldwide certified Bark Cloth® from controlled organic cultivation (EU-Standard 2092/91). The production takes place according to the guidelines of the ILO (International Labor Organization) and SA 8000. Standards for Bark Cloth® production are controlled through an elaborate certification process by a German IFOAM (International Federation of Organic Agriculture Movements)-accredited certification company.

### Physical Characteristics:

- Area weight (EN 12127): 90–380 g/m<sup>2</sup>
- Thickness (EN ISO 5085): 0.30–3.50 mm
- Density measurement with Multi-Pycnometer: 0.8–1.0 g/cm<sup>3</sup>
- Surface density m/V: 0.01–0.02 g/cm<sup>3</sup>
- Air permeability: 1512–4692 mm/s
- Porosity/Pore volume: 65.9–80.1 %

### Characteristic Use Values:

- Abrasion resistance (Martindale method DIN EN ISO 12947/2): 700–13900 rubs.
- Color fastness (DIN EN ISO 105-X16): up to grade 5, depending on type of Bark Cloth®.
- Tear resistance (DIN EN ISO 13934-1) up to 114.66 N, depending on type of Bark Cloth®.
- Because Bark Cloth® is a non-typical textile (*i.e.* a wood product), which cannot be graded according to textile norms, the color fastness to light of Bark Cloth® (DIN EN ISO 105-B02) cannot be determined. Bark Cloth®, like all wood products, can gradually darken over time.

### Form / Thickness:

Bark Cloth® pieces average 2000 x 3000 mm in size and 0.3–3.5 mm in thickness. Other sizes are available with special orders.

**Source Material/Additives:** Sub-bark of the Mutuba tree (*Ficus natalensis*, common wild fig). Nothing else! The EEC 2092/91-Bio-certificate Ceres 068 guarantees residue-free textiles without pesticides, herbicides, fungicides or textile enhancers, as well as complete traceability of every Bark Cloth® eco.

### Applications:

- Wall coverings, room dividers, paneling and sun shades, lightweight wall constructions in trade fair construction, door panels, living accessories and ambient lighting effects
- Partial substitution of veneer, woven textiles, paper or leather
- Strong differentiation potential in materials and marketing

As of Jan. 2007: Errors and omissions excepted

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By appointment to H.M. Kabaka Ronald Mwenda Mutebi II, 37<sup>th</sup> King of the Buganda Kingdom  
Joint Venture with BARK CLOTH Uganda Ltd. / PO Box 834 / Masaka – Uganda – East Africa  
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