ANWENDERINFORMATION



BAMBOO

STURDY STALKS FOR THE GARDEN

gartenmetall®
GARTENOBJEKTE & STADTMÖBEL AUS METALL

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BAMBOO
STURDY STALKS FOR THE GARDEN

GENERAL INFORMATION

Bamboo belongs to the grass family and is predominantly found in tropical and subtropical regions. The interior of the stems is hollow in many species of bamboo. Stability is provided by nodes, which divide the stem into individual segments. The surface often appears smooth and slightly glossy, as it has a natural layer of wax and silica which repels water and makes it difficult for moisture to penetrate.

Bamboo stalks are usually harvested at the age of 3 to 4 years, when their stabilising fibres have already hardened sufficiently. After being cut, they are dried in the sun, which gives them their yellow-brown colour.

FEATURES

Bamboo is a natural product that varies in colour, texture, growth pattern and size, and reacts to changes in ambient temperature and humidity. Bamboo is characterised by the following properties:

Colour
Once dried, bamboo canes have a glossy yellow-brown surface. This colouring may vary within a single batch. Stains and streaks on the surface are a natural occurrence and do not constitute grounds for a complaint. Impurities and superficial mould growth cannot be ruled out either. When combined with Corten steel, the particular advantage of bamboo as a grass-like material becomes apparent: unlike wood, the cane does not turn black on contact with the rusty steel. This makes it particularly suitable for use in our WANDA VARIO privacy screens.

Shape
Due to their natural form, bamboo stalks are not perfectly straight but may exhibit curves and bends. If necessary, the poles are straightened using heat. This may result in scorch marks.

Diameter
The dimension given for the thickness of a tube refers to the maximum diameter at the base of the stalk. The diameter decreases gradually towards the tip of the stalk. This means that the poles are never completely parallel and do not form a wall that is completely opaque. There may be significant variations within a given thickness grade. Therefore, our dimensions should be regarded as approximate values only.

Cracking behaviour
Bamboo poles can swell and shrink in response to significant temperature fluctuations and widely varying humidity levels, causing longitudinal cracks to form in the pole. The extent of this cracking behaviour varies depending on the type of bamboo. When used outdoors, cracks and splits cannot be avoided even with correct installation, and cracks are generally to be expected in dry air. The cracks may sometimes run the entire length of the stalk and, when exposed to sunlight, can widen to over 1 cm.

FEATURES

Weathering
Despite their natural protective layer, bamboo poles do weather over the years. This is mainly due to sunlight and rainwater. Regular maintenance, for example using bamboo protective oil, can extend their lifespan. It is also important to install the poles vertically so that rainwater can run off. A cover at the top end of the canes, as featured on our WANDA VARIO privacy screen, ensures that no water penetrates the interior.

Pests
The bamboo poles used by Gartenmetall® are unvarnished but have been treated against pests and fungi in accordance with import regulations. However, subsequent pest infestation cannot be entirely ruled out.

Mould growth
Bamboo is a fast-growing plant that contains a relatively high amount of starch. Particularly in the first few months, bamboo is prone to mould patches on the surface of the canes in damp and cold weather. This is caused by the starch combining with water. As the bamboo dries out and ages, the water and starch content decreases, thereby reducing the risk of mould growth.

The unsightly black mould patches and spots can be cleaned using sanding fleece and washing soda. To do this, dissolve 2 tablespoons of washing soda in approx. 5 litres of water. Then rub the area with a dry cloth.

INSTALLATION

Bamboo canes should be installed vertically rather than horizontally to allow rainwater to drain away more effectively and reduce the build-up of dirt. The frames of our WANDA VARIO privacy screen are designed accordingly. A cover at the top ensures that hardly any water enters the canes, thereby minimising the risk of rot. At the bottom edge of the frame, rainwater can drain away through small holes.

As standard, our bamboo tubes are cut to size. If you wish to use your own tubes, these can easily be cut to the correct length, for example with a handsaw.

CARE

We recommend treating the bamboo wall with a weather-resistant coating of special bamboo oil every 1 to 2 years. This protective layer filters out UV light and repels water. In the best-case scenario, this can significantly extend the lifespan of the bamboo wall. In addition, the stalks should be wiped down regularly with a damp cloth to prevent discolouration caused by bird droppings, for example.





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