



BIO-DEGRADABLE BOARD

A sustainable alternative to plastics

Bio-degradable board is a special type of board with great wet-properties, as it maintains a good residual strength under (very) wet conditions. In contrary to most plastics, however, it is also biodegradable. This combination of properties makes bio-degradable board an excellent and sustainable alternative for plastics and laminated papers in packaging applications that require moisture resistance and/or biodegradability.

Properties

Although **water-resistance** is not the first property one would think of for paperboard, our bio-degradable board is just that. The board absorbs little to no moisture, even after a long exposure. As a result thereof, it retains its strength and appearance even after a massive downpour. In other words: it's perfect for use as plant labels! Although water-resistant, the material is not water-repellant, which ensures **good printability** with both water- and solvent-based inks. Bio-degradable board has a **high stiffness** and a **natural appearance and tactile value** owing to its smooth surface without the shine that's typical for plastics.

Bio-degradable board is available in **many colours, grammages and dimensions**. FSC-certification is also possible.

A sustainable alternative to plastic plant labels

Bio-degradable board is a sustainable alternative to plastic plant labels. The sustainability of this material emanates from various aspects. For one, bio-degradable board is **99% biobased and renewable**. It is made using cellulose from sustainably managed forests. Also, with the use of bio-degradable board, one helps to **reduce the CO₂ in the atmosphere**, as the CO₂ absorbed by the trees used to make the bio-degradable board is still captured in the material.

The most important sustainability benefit is however in the end-of-life phase of the material. Bio-degradable board is not just **recyclable**, but also **biodegradable**. This means it doesn't stay in the soil forever, but will break down into its original, natural building blocks under the right conditions (moisture, pH, temperature and microbes).

For various packaging applications

Bio-degradable board is perfectly suitable for packaging all sorts of products that are stored in wet conditions, such as cooled fresh products, frozen products and on-the-go snacks. It can also be used for packaging plants, as it can withstand the conditions related to watering of the plants.

For more information:

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