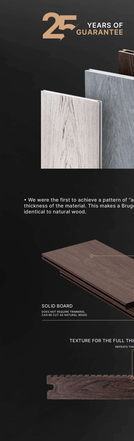
Bruggan
premium decking

INNOVATIVE TERRACE SYSTEM
Bruggan

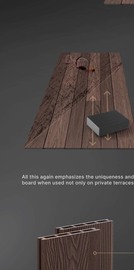
about
ABOUT BRUGGAN

THE BEST FROM BOTH SPHERES:

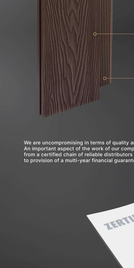
Many years of production experience, scientific developments and a great desire to make a high-quality environment friendly product - all this together led us to create innovative Bruggan wood, which perfectly connects the beauty, harmony and warmth of natural wood, but at the same time, production of Bruggan decking does not require special deforestation.



• We were the first to achieve a pattern of "annual rings" of wood throughout the entire thickness of the material. This makes a Bruggan Multicolor terrace board absolutely identical to natural wood.



A unique Bruggan Multicolor technology allows each board to have a pattern and shade that does not repeat, which as a result creates a sense of harmonious space.



Bruggan Multicolor terrace board has a renewable surface.

When necessary, any scratch or stain can be removed with a common sandpaper.

All this again emphasizes the uniqueness and practicality of Bruggan Multicolor decking board when used not only on private terraces, but also in crowded places.

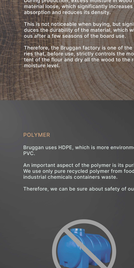
We are uncompromising in terms of quality and safety.
An important aspect of the work of our company is provision of qualitative service: from a certified chain of reliable distributors and joint technical project planning and up to provision of a multi-year financial guarantee for products.

Bruggan terrace board has European certificates and undergoes thorough laboratory control at all stages of production: from raw materials to finished products.

• Since 2006, we have been constantly searching for the best raw materials, technologies and forms.

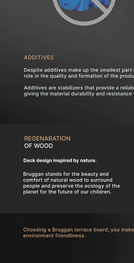
material composition
MATERIAL COMPOSITION

Composite Bruggan decking consists of hardwood flour (60%), pure HDPE (30%) and stabilizing additives (10%), which provide this decking with durability and maximum resistance to environmental factors.



HARD FLOUR

80% of wood-polymer composite manufacturers use softwood, such as pine and spruce, due to its low cost.
But it is soft wood that contains a large amount of resins. Therefore, it is impossible to use it for production of a high-quality durable decking.
All Bruggan products are made exclusively from selected hardwoods such as beech and oak.

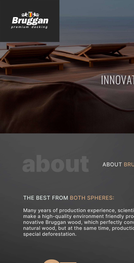


WOOD FIBER LENGTH

A very important part of our technology is control over the wood fiber length.

Our technologists have created a fiber length standard that provides maximum reinforcement of the material, which affects its elasticity and flexibility under loads on the board.

All the flour that is used for production of Bruggan decking board is additionally sieved and only suitable size fibers are selected.



MOISTURE CONTENT OF FLOUR

Humidity level is an important aspect for quality.
During production, excess moisture in wood makes the material loose, which significantly increases its moisture absorption and reduces its density.

This is not noticeable when buying, but significantly reduces the durability of the material, which will be obvious after a few seasons of the board use.

Therefore, the Bruggan factory is one of the few factories that, before use, strictly controls the moisture content of the flour and dry all the wood to the required moisture level.

POLYMER

Bruggan uses HDPE, which is more environment friendly, safer and more durable than PVC.

An important aspect of the polymer is its purity.
We use only pure recycled polymer from food and cosmetic packaging and do not use industrial chemicals containers waste.

Therefore, we can be sure about safety of our customers health.

ADDITIVES

Despite additives make up the smallest part in the material mass, they play a significant role in the quality and formation of the products cost.

Additives are stabilizers that provide a reliable bond between wood flour and polymer, giving the material durability and resistance to adverse weather conditions.

REGENERATION OF WOOD

Deck design inspired by nature.

Bruggan stands for the beauty and comfort of natural wood to surround people and for the responsibility of the planet for the future of our children.

Choosing a Bruggan terrace board, you make a choice in favor of quality, durability and environment friendliness.