



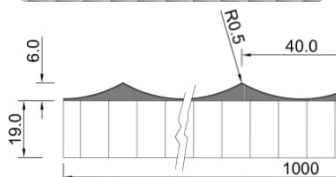
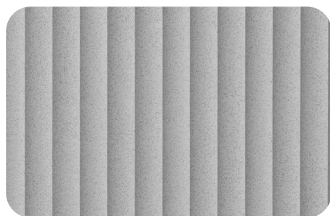
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Technical Data Sheet

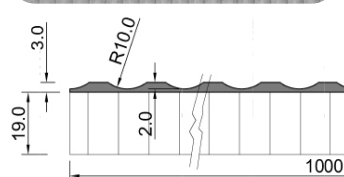
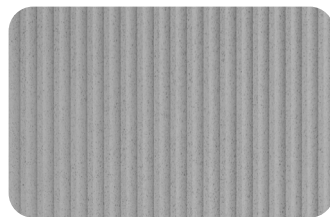
imi-wave
original materials

imi
SURFACE DESIGN

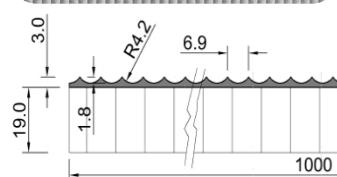
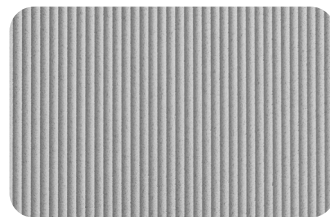
Variations:



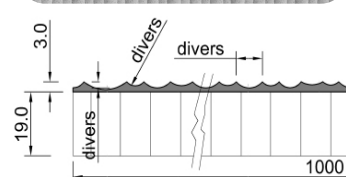
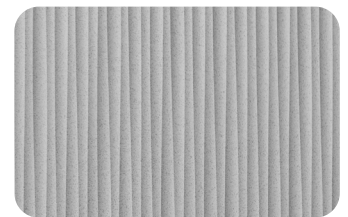
imi-wave V1



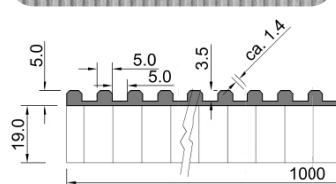
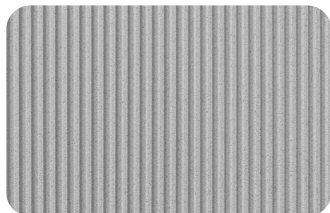
imi-wave V2



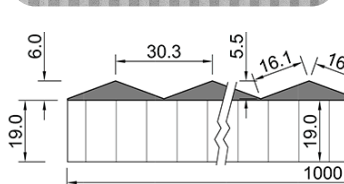
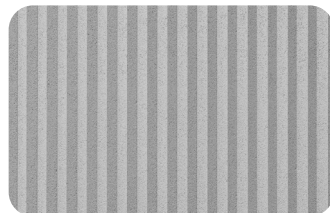
imi-wave V3



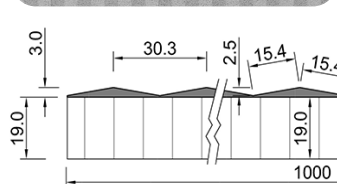
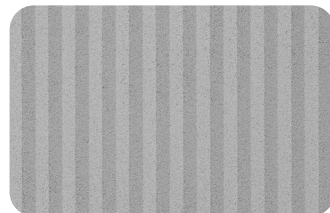
imi-wave V4



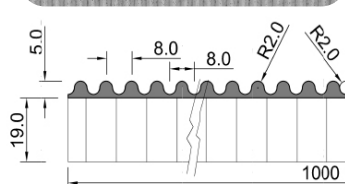
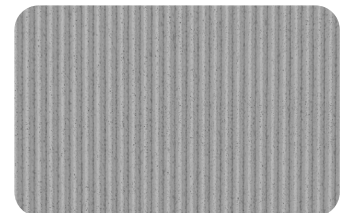
imi-wave V5



imi-wave V6



imi-wave V7



imi-wave V8

Product description:

- The **imi-wave** composite board is available in various decors and shapes for vertical applications.
- Each board is unique in appearance.
- The carrier board is a 19mm MDF board, without fire protection requirements. 100% PEFC. (B1/A2 classification possible)
- The top is coated with a mineral **imi-coating** in a thickness of approx. 3-6 mm.
- The back of the board is white according to the factory's choice and is not a visible surface (technical surface).
- The board edges are raw.
- Panel sizes 2,750 x 1,000 mm. Special formats available on request.
- The characteristics of the **imi-wave** are similar to the typical appearance of the concrete surface. The feel and appearance are very similar to the concrete surface. This is due to the porosity as well as the slight cracking.
- The mineral **imi-coating** is classified as non-flammable A2-s1, d0 according to DIN EN13501-1. (B1/A2 classification possible)
- **imi-wave** can be easily machined with all conventional carbide-tipped carpentry tools.
- The surfaces are protected with a matt lacquer.
- For higher loads, an additional matt protective lacquer is recommended.
- The boards have some tension due to the mineral coating on one side (4 mm allowed on 2000 mm).
- The surface is exposed to the normal ageing processes.
- Suitable for interior fittings, vertical decorative surfaces, wall cladding and much more.

These images only show examples of the possibilities of the different variations of **imi-wave**. The mineral coating is an individual product and is characterised only by its composition, which is always exactly the same. The chemical/physical processes cannot be changed or manipulated. Therefore, each individual wave production will produce a slightly different appearance and is not predictable in the inner structure of the coating. They are explicitly desired and are the trademark of **imi-wave**. They do not constitute grounds for complaint



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Technical Data Sheet

imi-wave
original materials

imi
SURFACE DESIGN

Processing:

Sawing/Drilling/Milling:	With standard carbide-tipped tools. Diamond-tipped tools are not required.
Screws:	Pre-drilling is recommended.
Bonding of the carrier board:	Commercially available glues and adhesives.
Cleaning/Care:	The imi-wave surface should be treated like a normal veneered, lacquered surface. Cleaning can be carried out with a slightly damp cloth.
Transport:	Land freight, air freight.
Packaging:	Stored flat on a pallet.
Storage:	Store dry and completely flat, with protective interlayers. Protect from frost.
Recycling:	The product is ecologically harmless and can be disposed of with household waste.
Edges / Cut edges:	The edges are not decorative and must be framed, coated, or protected according to the requirements.

Product properties:

Dimensions	MDF	HPL
Standard:	2.750 x 1.000 mm	2.750 x 1.000 mm
Panel thicknesses:	approx. 19 mm	approx. 2 mm
Total thickness:	approx. 22 - 25 mm +/- 1 mm	approx. 5 - 8 mm +/- 1 mm
Weight:	approx. 21,9 kg/m ²	approx. 10,2 kg/m ²
Panel formats:	Cut-to-size panels available on request	
Fire rating of carrier board:	B2 standard; B1 and A2 also available on request.	
Cracks:	In relation to an area of 1 m ² , there may be a maximum of only 1 crack < approx. L = 120 mm and not deeper than 2 mm.	
Porosity:	The pore is a micro-pore. Porosity varies, both in number and in pore size, and may vary within a single panel. Due to this unique character, visually different reflections may certainly lead to different color impressions.	

Information is provided according to our best knowledge. The contents are, however, not legally binding. The user is not released from verifying that the materials are suitable for the intended purpose. Technical changes reserved. The main component of the mineral imi coating is organic so that colour shadings between different lots can not be excluded completely. Samples of these minerals only show the general appearance and cannot unite the characteristics like colour, texture and structure. Differences of any kind, as well as air inclusions, are natural and no reason for claim. Low distortion as well as little displacements in the joint area and minor gap formation cannot be fully excluded.