

### Variations:



imi-grain S-379



imi-grain S-296



imi-grain S-380

Special colors according to RAL, NCS, and Sikkens available.

### Product description: imi-grain composite material panel

- The **imi-grain** composite material panel is available in various shades for vertical applications.
- Each panel is one of a kind and unique in appearance.
- The standard carrier board is an MDF board, 100% PEFC-certified. Fire protection class B1 is available on request. Alternatively, HPL carrier boards and other carrier materials are available on request.
- The top side is coated with a mineral **imi** coating with a thickness of approx. 1-2 mm.
- The back of the panel has a melamine coating; the reverse side is designed as a technical surface and is not intended as a visible surface.
- The panel edges are raw.
- The characteristics of **imi-grain** are closely aligned with the feel and appearance of a concrete surface. This is achieved through both porosity and slight cracking.
- The mineral **imi** coating is classified as non-combustible A2-s1, d0 according to DIN EN 13501-1.
- It can be processed easily with all conventional carbide-tipped joinery tools.
- The surfaces are also protected with a matte lacquer and do not require any further finishing.
- Due to the one-sided mineral coating, the panels have slight tension (4 mm over 2000 mm is permissible).
- The surface is subject to normal aging processes.

### Possible applications:

e.g. interior finishing, vertical decorative surfaces, wall cladding, etc.

### Processing:

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

### Product properties:

Dimensions	MDF	HPL
<b>Standard:</b>	2.750 x 1.000 mm	3.000 x 1.250 mm
<b>Large:</b>	3.030 x 1.180 mm	
<b>Panel thicknesses:</b>	approx. 19 mm	approx. 2 mm
<b>Total thickness:</b>	approx. 21 mm +/- 1 mm	approx. 4 mm +/- 1 mm
<b>Weight:</b>	approx. 16,5 kg/m <sup>2</sup>	approx. 4,8 kg/m <sup>2</sup>
<b>Raw panel formats max.:</b>	3080 x 1220 mm raw format, untrimmed	
<b>Panel formats:</b>	Cut-to-size panels available on request	
<b>SC (service class):</b>	1	
<b>Fire rating of carrier board:</b>	B2 standard; B1 and A2 also available on request.	
<b>Cracks:</b>	In relation to an area of 1 m <sup>2</sup> , there may be a maximum of only 1 crack < approx. L = 120 mm and not deeper than 2 mm.	
<b>Porosity:</b>	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.	

The information is provided to the best of our knowledge; however, the content is not legally binding. Our information does not release the user from their own obligation to test the materials used for the intended area of application. Subject to technical modifications. The main component of the mineral imi coatings is organic; therefore, color differences between different batches cannot be completely ruled out. Samples of these materials only show the general appearance and can never fully represent properties such as color, texture, structure, and composition. Differences of any kind, as well as air inclusions and slight cracks, are natural and do not constitute grounds for complaint. Minor warping, as well as slight offsets in joint areas and minor joint formation, cannot be completely ruled out.