

## Product description: imi-sandstone composite board

- The **imi-sandstone** composite board is available in 3 thicknesses.
- The default carrier board is a 19 mm MDF, 3 mm HDF or 0.9 mm HPL board.
- The rear is applied with white melamine counter-pull for MDF. The HDF board is painted white on the rear; the HPL board is raw on the rear.
- The top is coated with a flexible, mineral **imi-coating** with a thickness of ca. 1 mm, which contains a real mineral layer.
- The mineral **imi-sandstone** coating is classified according to DIN 13501-1 as flame retardant A2-s1, d0.
- The boards can easily be processed with conventional carbide-equipped carpentry tools.
- The surfaces are painted with a matte varnish.
- For a higher strain, we recommend an additional matte protective coat of varnish.
- The surface is subjected to the normal ageing processes.

## Usage options:

E.g. furniture, inner doors, furniture fronts, shop and trade fair constructions, interior design, e.g. wall panellings, platform constructions, etc.

## Designs:

1053 imi-sandstone



## Technical details:

| Dimensions            | MDF                      | HDF                       | HPL                     |
|-----------------------|--------------------------|---------------------------|-------------------------|
| Standard              | 2.600 x 1.010 mm         | 2.600 x 1.010 mm          | 3.030 x 1.280 mm        |
| Large                 | 3.030 x 1.200 mm         | 3.030 x 1.200 mm          |                         |
| Maximum               | 3.400 x 1.300 mm         |                           |                         |
| Customized production |                          |                           |                         |
| Thicknesses           | ca. 20 mm                | ca. 4 mm                  | ca. 2 mm                |
| Weight                | ca. 16 kg/m <sup>2</sup> | ca. 4,5 kg/m <sup>2</sup> | ca. 3 kg/m <sup>2</sup> |

## Processing:

|                                |  |
|--------------------------------|--|
| <b>Edges</b>                   | Edges must be protected with an ABS or real <b>imi-sandstone</b> edge all around.<br><b>Version 1: ABS or real imi-sandstone edge.</b><br>1. Start up as usual, but switch off the swabble unit and the buffer unit.<br>2. Paint any milled imi-coating with <b>imi-sandstone</b> outer coat.<br>3. Apply matte varnish again if applicable.<br><b>Version 2: Paint with imi-sandstone outer coat.</b> |
| <b>Sawing/drilling/milling</b> | With regular carbide-equipped tools. Diamond-equipped tools are not necessary.   |
| <b>Screws</b>                  | Screw extraction resistance as in MDF, pre-drilling is recommended.  |
| <b>Bond</b>                    | Commercial wood glues.   |
| <b>Cleaning/care</b>           | The <b>imi-sandstone</b> surface must be treated like a normally veneered, painted surface.<br>Cleaning is possible with a mist-moistened rag.   |
| <b>Packaging</b>               | Lying on pallet.   |
| <b>Storage</b>                 | Store dry, interim layers with corrugated cardboard or foam foil. Protect from frost.  |
| <b>Recycling</b>               | Product is ecologically harmless, can be recycled and disposed of in the household waste.  |

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 materials 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.