Product description: imi-metal composite board

- The imi-metal composite board is available in 2 thicknesses.
- The default carrier board is a 19 mm MDF and 0.9 mm HPL board.
- The rear is applied with white melamine counter-pull for MDF. The rear of the HPL board is raw.
- The top side of the decors 742, 744, 745, 748 (smooth surfaces) is coated with a flexible, imi-metal coating in a thickness of approx. 0.5 mm into which real metal, such as iron, copper or brass is embedded.
- The upper side of the decors 743, 746, 747 (diamond) is coated with a flexible, mineral imi-metal coating in a thickness of approx. 1 - 3 mm into which real metal, such as iron or copper is embedded.
- The mineral imi-coating is classified according to DIN EN13501-1 as non-flammable A2-s1, d0.
- It can easily be processed with conventional carbide-equipped carpentry tools.
- The surfaces are painted with a matt varnish.

Usage options:

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

Designs:

742 imi-metal steel 743 imi-metal steel diamond 744 imi-metal copper 745 imi-metal copper verdigris

746 imi-metal copper diamond 747 imi-metal copper verd. diam. 748 imi-metal brass

Technical details:

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>MDF</th>
<th>HDF</th>
<th>HPL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>2,600 x 1,010 mm</td>
<td>2,600 x 1,010 mm</td>
<td>3,030 x 1,280 mm</td>
</tr>
<tr>
<td>Large</td>
<td>3,030 x 1,200 mm</td>
<td>3,030 x 1,200 mm</td>
<td>3,030 x 1,200 mm</td>
</tr>
<tr>
<td>Maximum</td>
<td>3,400 x 1,300 mm</td>
<td>3,400 x 1,300 mm</td>
<td>3,400 x 1,300 mm</td>
</tr>
<tr>
<td>Customized production</td>
<td>approx. 20 mm</td>
<td>approx. 4 mm</td>
<td>approx. 2 mm</td>
</tr>
<tr>
<td>Thicknesses</td>
<td>approx. 16 k/m²</td>
<td>approx. 4.5 k/m²</td>
<td>approx. 3 k/m²</td>
</tr>
</tbody>
</table>

Processing:

Edges: Edges must be protected with an ABS or real imi-metal edge all around.

Version 1: ABS or real imi-metal edge.
1. Start up as usual, but switch off the swabble unit and the buffer unit.
2. Paint if necessary the milled imi coating with matching paint color.
3. Apply varnish again, if applicable.

Version 2: paint with matching colour.

Sawing/drilling/milling: With regular carbide-equipped tools. Diamond-equipped tools are not necessary.

Screws: Screw extraction resistance as in MDF, pre-drilling is recommended.

Bond: Commercial wood glues.

Cleaning/care: The imi-metal surface must be treated like a normally veneered, painted surface. Cleaning is possible with a mist-moistened rag.

Packaging: Lying on pallet.

Storage: Store dry, interim layers with foam foil. Protect from frost.

Recycling: 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 cannot 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.