Metal
original imitation

imi SURFACE DESIGN

Product description: imi-metal composite board

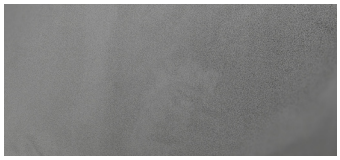
· The imi-metal composite board is available in 2 thicknesses.
· The default carrier board is a 19 mm MDF and 0.9 mm HPL board.
· The rear is applied with white melamine counter-pull for MDF. The rear of the HPL board is raw.
· The top side of the decors 742, 744, 745, 748 (smooth surfaces) is coated 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.
· 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:

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:

Dimensions	**MDF**	**HPL**
Standard	2,600 x 1,010 mm	3,030 x 1,280 mm
Large	3,030 x 1,200 mm	
Maximum	3,400 x 1,300 mm	
Customized production		
Thicknesses	approx. 20 mm	approx. 2 mm
Weight	approx. 16 k/m²	approx. 3 kg/m²

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.

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