

**Product description: Plus composite board**

- The **Plus** composite board is available in 4 thicknesses and 3 designs.
- The default carrier board is a 19 mm MDF or 20 mm PUR, 3 mm HDF or a 0.9 mm HPL-plate.
- The rear is applied with white counter-pull for MDF. For the HPL and PUR board, the rear is raw.
- The top is coated with a flexible, mineral imi coating with a thickness of 1 - 2 mm.
- The mineral imi-beton coating is classified according to EN 15824:2009 as non-flammable A2-s1, d0.
- It can easily be processed with conventional carbide-equipped carpentry tools.
- The surface is fully coated with a water- and acid-resilient transparent filler.
- The seal is not heat-resilient, scratching and cutting resilient.
- Slight gloss and irregularities in the surface are part of the characteristics of the product and do not entitle to complaint.

**Usage options:**

e.g. kitchen worktops and kitchen rear walls, wash tables, shower walls, desk surfaces, sales counters and wherever water may occur. Not suitable for outdoor use.

**Designs:**

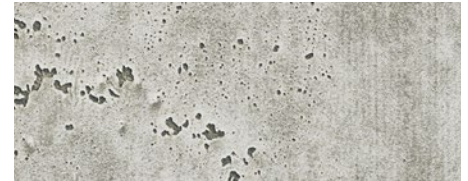
120 imi-beton smooth grey



121 imi-beton smooth anthracite



223 - 225 imi-beton vintage



**Technical details:**

Dimensions	MDF	PUR	HDF	HPL (except vintage)
Standard	2,600 x 1,010 mm	2,380 x 1,300 mm	2,600 x 1,010 mm	3,030 x 1,280 mm
Large	3,030 x 1,200 mm	3,380 x 1,300 mm	3,030 x 1,200 mm	
Maximum	3,400 x 1,300 mm			
Customized production				
Thicknesses	approx. 20 mm	approx. 21 mm	approx. 4 mm	approx. 2 mm
Weight	approx. 17 kg/m <sup>2</sup>	approx. 16 kg/m <sup>2</sup>	approx. 5 kg/m <sup>2</sup>	approx. 3 kg/m <sup>2</sup>

**Processing:**

- Edges** Edges must be protected with an ABS or real **Plus** edge all around. Alternatively, use the **imi-beton** edge set and the **Plus** edge sealing. For highly loaded edges such as in showers, all edges must be painted with an **Plus** varnish.  
**Version 1 : ABS or real imi edge with Plus sealing.**  
 1. Start up as usual, but switch off the swabble unit and the buffer unit.  
 2. Re-paint and re-patinate any milled imi-coating with a matte varnish.  
 3. Apply **Plus** sealing if applicable (see instructions).  
**Version 2: process with edge set** (see instructions).
- Sawing/drilling/milling** With regular carbide-equipped tools. Diamond-equipped tools are not necessary. When cutting to size, ensure that the saw blade is sharp and do not feed in too fast.
- Screws** Screw extraction resistance as in MDF, pre-drilling is recommended.
- Bond** For MDF and HPL, commercial wood glues. For PUR construction glue (item 5788).
- Cleaning/care** The **Plus** surface must be treated like a normally veneered, painted surface. Cleaning is possible with a mist-moistened rag. Scouring milk may be used with care, but abrasives must be avoided.
- Care note** We recommend using a suitable pad under hot pots and pans. Use a cutting board when cutting.
- 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.

**Please note the general processing instructions on the back side of this sheet!**

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.

# Important processing instructions!

## Please note!

Read carefully before processing  
and follow strictly!

- The **Plus** composite boards have to acclimatize to room temperature before processing - at least 1 day after delivery.
- The cutting has to be done with sharp removable saw teeth and with slow shift.
- Saw blade high adjusted, with at least 60 teeth.
- Always cut with the decorative surface upwards.
- Speed range 5000 rev / min.
- Processing with a CNC/ BAZ is not recommended due to rapid advancement and high cutting speeds!
- A test cutting in advance is recommended.
- For the edge and corner processing also check the corresponding processing information.

[www.imi-beton.com/video-channel](http://www.imi-beton.com/video-channel)

[Processing notes](#)