

## Product description: Outdoor water-resilient composite board

- The **Outdoor** composite board is available in different designs.
- The carrier board is a water-resilient 20 mm PUR-board.
- The rear is PUR raw.
- The top is coated with a flexible, mineral imi- coating with a thickness of approx. 1 – 3 mm depending on the surface.
- It can easily be processed with conventional carbide-equipped carpentry tools.
- The surface is sealed with impregnation.
- Imprints such as scriptures or logos and icons are available on request.
- For use as a backventilated, suspended facade board, we recommend our mineral coating also as a rear counter-pull.
- All other applications must be tested in advance by the user. The PUR recycling board has a lower static strength compared to MDF. Due to the great number of possible uses, we cannot assume any warranty for individual uses.

## Usage options:

e.g. outdoor furniture, benches, sight protection walls, facades, platform construction and wherever water resilience is needed.

## Designs:



Version 121 imi-beton smooth anthracite is not UV-resilient. The surfaces 329, 330, 331, 341 imi-rost behave similar to real corten steel.

## Technical details:

### Dimensions

|   |                              |
|---|------------------------------|
| Standard  | 2,380 x 1,300 mm             |
| Large   | 3,380 x 1,300 mm             |
| Customized production                               |                              |
| Thicknesses   | approx. 21 mm                |
| Weight  | approx. 15 kg/m <sup>2</sup> |
| Dimension change after 24 hours of storage in water | ~ 0.7 %                      |

## Processing:

### Edges

Edges must be protected with an ABS edge all around.  
Alternatively, the imi edge set should be used.

#### Version 1 : ABS-edge

1. Start up as usual, but switch off the swabble unit and the buffer unit.
2. Rework any milled imi-outdoor costing with impregnation and patina.

#### Version 2: process with edge set (see instructions).

#### Version 3: with outer coat (for concealed edges).

1. Grind edges. 2. Clean 3. Apply outer coat with roller or brush.
4. Seal with deep primer 5. Wipe with patina

With regular carbide-equipped tools. Diamond-equipped tools are not necessary.

### Sawing/drilling/milling

### Screws

Screw extraction resistance similar as in chipboard, pre-drilling is recommended.

### Bond

With construction glue item no. 5788.

### Cleaning/care

The imi-outdoor surface must be treated like a normally veneered, varnished surface.  
Cleaning is possible with a moistened rag. Avoid abrasives.

### Packaging

Lying on pallet.

### Storage

Store dry, interim layers with foam foil.

### 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 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.