

## Range

Production format: 3020 x 1270 mm  
 Standard thickness: 8 mm  
 Possible plate thicknesses: 6 mm bis 19 mm  
 Uncalibrated, tolerances plate thickness: +/- 10%  
 Back side: Production-related grid structure  
 Colour of basic body: white (solid)  
 Approx. 60 plates / palette at plate thickness 8 mm

## Properties, benefits

Low mass, low density (approx. 600 kg/m <sup>3</sup> )	<ul style="list-style-type: none"> <li>• Application in light-weight construction and mobility construction possible</li> <li>• Easy to process</li> <li>• Extraordinary ratio mechanics-mass</li> </ul>
Range of plate thickness 6 – 19 mm	<ul style="list-style-type: none"> <li>• Application as carrier material or part of multi-layer structure with different purposes</li> <li>• Extraordinary ratio mechanics-mass</li> </ul>
Material class A1 gem. EN 13501-1 (untested)	<ul style="list-style-type: none"> <li>• Applications in areas with non-flammability requirements possible</li> </ul>
Compact plate material	<ul style="list-style-type: none"> <li>• Easy to process (no crumbling, no splintering)</li> <li>• Three-dimensional processing possible</li> <li>• Edge stability</li> </ul>
Bonding capacity, lamination capacity	<ul style="list-style-type: none"> <li>• Use of various binders and various cover layers possible, permitting a large surface range</li> </ul>
Mineral material, free of synthetic parts	<ul style="list-style-type: none"> <li>• Ecologically harmless and safe for health in processing and application</li> <li>• Free of emissions</li> </ul>
Mould resistance, inhibiting	<ul style="list-style-type: none"> <li>• Application also possible in the moisture-exposed area</li> </ul>

## Mechanical properties

- Bending resistance parallel: 5 N/mm<sup>2</sup>, vertical: 6,5 N/mm<sup>2</sup>
- Elasticity module approx. 2350 N/mm<sup>2</sup>

## Further properties

- Frost-resilient
- Nailing possible without pre-drilling
- Drying due to moisture exposure without damage

## Applications

The application of the plate focuses on the areas where non-flammability in combination with a low weight, simple processability and a balanced price-performance ratio are required:

- Laminated carrier material for non-flammable cabinet fronts, furniture installations.
- Non-flammable housings for building technology (revision openings, rising zone covers, installation shafts, fire protection flaps, etc.).
- System solution for non-flammable ceiling elements.
- Non-flammable control cabinets (serial products).
- Carrier material for wall and ceiling attachments ship development, rail-bound vehicles, light-weight construction.

## Manipulation notes

### Transport

- Transport plates in the stack.
- Transport individual plates upright, do not put them down on a plate corner.
- If possible, use a crane or forklift.

### Storage on the construction site

- Storage under roof, or under film; weather protection must be preserved at all times.
- Stack plates lying. Single stack: 50 cm high at most, no more than five stacks on top of each other.
- If possible, use crane or forklift.

### Stacking

