



Pressed three-dimensional moulded parts offer excellent dimensional stability with a low weight. In addition, special substrate materials offer very good acoustic properties. Depending on the required edge design, a waterjet trim or the bending process is used. The wide variety of materials, decorations and processes enable an attractive design and a high level of product individuality.

## ✓ DESIGN

### Basis

- 3D volume data
- interfaces: IGES, STEP
- CAD system: Solid Works, Inventor

### Maximum component dimensions

- approx. 2.000 x 2.000 mm
- depending on the component geometry

### Tools

- pressing tools, depending on series size: aluminium tools, synthetic resin tools
- temperature control (optional)
- trimming bowl for waterjet
- programming waterjet
- control gauge
- 3D measurement report (optional)

## ✓ PRODUCTION PROCESSES

### One-shot process

In the one-shot process, the component is pressed and laminated with the textile decoration in one work step. With subsequent trimming, the component edges are no longer covered with decoration.

### Bending process

In the bending process, the pressed part is produced and trimmed in a first work step and then the textile decoration is laminated. The cutting edges are covered by the decoration.

## ✓ PROPERTIES

- simple assembly
- light, with excellent dimensional stability
- acoustically effective
- flammability (depending on grammage/density)
- flammability complies with ISO 3795 and FMVSS 302
- recyclable