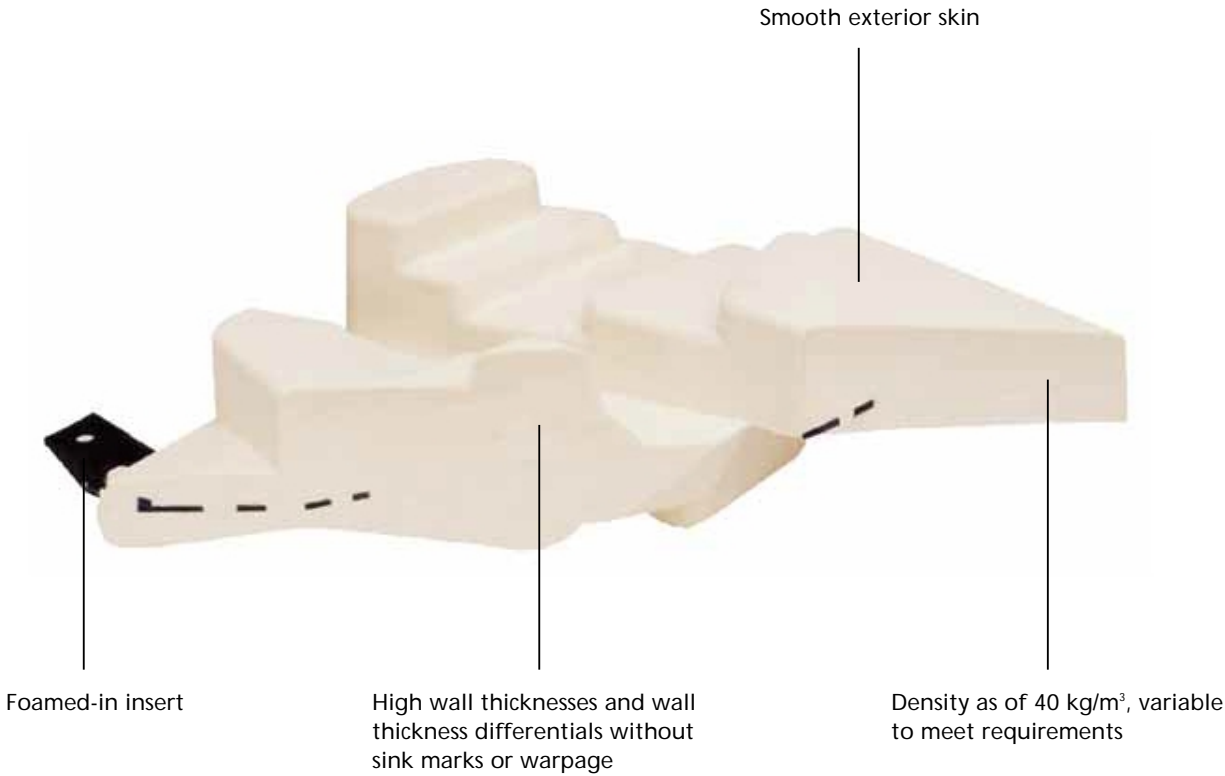


## Bayfill® EA



Made-to-measure material to suit individual requirements (in a density from 40 – 300 kg/m<sup>3</sup>)

Favorable force/displacement characteristic with good plateau formation

Wall thicknesses of 2 – 150 mm (0.08 to 6 Inch) without sink marks

Inserts can be molded in place for subsequent fastening or for additional energy absorption

High temperature resistance -40 °C to +120 °C

Low water absorption < 1% by weight (after 24h immersion in water)

Low cavity pressure, hence use of lighter weight and less expensive aluminum molds

Good insulation and sound-absorbing values

Suitable for insert molding of decorative surfaces such as fabrics or vinyl

Flame retardant to US Law 571.302, to Canadian Law CMVSF 302 and to Japanese Law TRIAS 48 - 1993

Recyclable

## Bayfill® EA

### Technical Data

| Product Properties      | Unit              | Norm      | Bayfill® EA |
|-------------------------|-------------------|-----------|-------------|
| Bulk density            | kg/m <sup>3</sup> | DIN 53420 | 40 ± 5      |
| Compressive strength    | kPa               | DIN 53577 | 300 ± 40    |
| Tensile strength        | kPa               | DIN 53571 | 400 ± 50    |
| Tensile strain at break | %                 | DIN 53571 | 7 ± 2       |
| Compression set         | %                 | DIN 53572 | < 45        |

Material data from our raw material supplier.

\* Example of one of the materials used by us. We also use other material systems, depending on the requirements.

### Energy conversion behavior of Bayfill® EA

