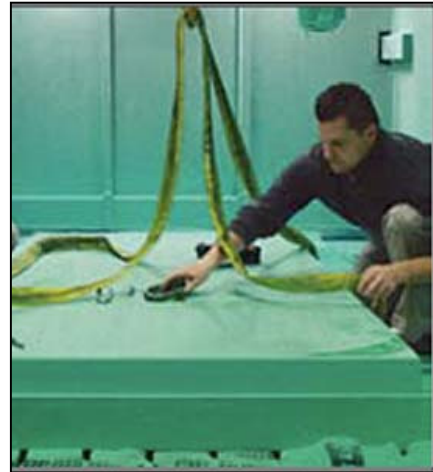


## Epoxy Cast-To-Size Material Introduced by ebalta

Vol 17, Issue 2

**ebalta** has announced the launch of its high performance material eblock EP 138, reportedly the first epoxy cast-to-size material available on the market. Green in colour, eblock EP138 is produced as custom made, joint-less, epoxy blocks that can be cast close-to-contour in volumes up to 600 litres and from 40mm up to 250mm in thickness according to individual customers' requirements.

eblock<sup>®</sup> EP 138 has a very fine surface structure resulting in a high quality surface finish after machining. The epoxy properties provide the material with a dimensional stability of up to 140°C, offering a temperature resistance suitable for the manufacture of prepreg tools for autoclave applications, coupled with a coefficient of linear expansion of  $\sim 35 \times 10^{-6} \text{K}^{-1}$ .



Unlike with the traditional method of bonding boards, the resulting seamless moulds require no post processing and shorten customer milling times. In addition, this technology reduces waste and provides customers with an economical and highly efficient solution for producing patterns and models.

This new epoxy cast-to-size material is an innovative addition to the range of polyurethane cast-to-size materials already available in **ebalta's** extensive product portfolio. The unfinished blocks are available on a short delivery time of five to seven days depending on the customer's requirements, with each custom made block being delivered directly to customers premises.

**ebalta** also recently celebrated the inauguration of a new production plant in February on the anniversary of its 35th year of business at the company headquarters located in Rothenberg, Germany. The new 2,000m<sup>2</sup> premises has been specifically built for the manufacture of **ebalta's** polyurethane and epoxy cast-to-size eblock materials.

For further information on **ebalta's** new materials or to download the eblock EP 138 technical data sheet please visit [www.ebalta.co.uk](http://www.ebalta.co.uk)

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