BETAEDGE The easy way to armour construction joints in concrete slabs.

The importance of armouring construction joints

Without protection, the edges of construction joints (arrises) will quickly become damaged and crumble, once the building is in use. This will cause disruption, damage to equipment such as forklift trucks, and costly floor repairs. BetaEdge provides the easy, professional answer.

BETAEDGE – designed to suit your method of working

Choosing BetaEdge means you can still use timber or steel formwork – but get the professional, durable results of an armoured joint.

BetaEdge simply screws to the top of the formwork. A dowel sleeve is nailed to the formwork on the first side; then the concrete can be poured. Simply loosen the screw to remove the formwork. Then insert a plate dowel in the sleeve, before pouring the second side.

Special BETAEDGE features

- a unique grid-cut face (patent applied for), so the joint can be cut at any point along its length and still firmly hold the concrete;
- a sharp edge on the inside top face of each rectangular hole, for neat trowelling-in to prevent spalling;
- radiused edges on the exposed inner top corners, to reduce

Unique 'Beta' grid-cut face'



A non-protected concrete joint is subject to impact damage.

Part of the BETAJOINT range

- BetaJoint is a full-height version of BetaEdge, available in a range of heights and with a choice of dowels.
- BetaExpansion is the perfect leave-in-place formwork system for external hardstandings and roadways.

BetaEdge on timber Illustrated

Galvanised sheet steel

Frangible connectors



*Patent applied for.

RCR Flooring Products is the organisation behind some of the world's best known industrial flooring brands.

We design, manufacture and supply a wide range of products used in the creation of industrial floors, including Rinol resin coating systems, Permaban armoured joints, and Rocland floor surface hardeners.

The three brands are united by a commitment to product excellence, customer support and worldwide service.

Our products have been used in factories and distribution centres for many of the world's leading companies, and are trusted by engineers, architects and contractors.

Our clients include:

B&Q WICKES TESCO ROYAL MAIL PROLOGIS GOODMAN GAZELEY FOCUS CASTORAMA GOLDBECK HOMEBASE SELCO BIG YELLOW SELF STORAGE ALDI ALLIED BAKERIES LIDL IKEA MORRISONS SAINSBURY'S PNK RUSSIA RADIUS GROUP RUSSIA

RCR Flooring Products is the manufacturing division of RCR Industrial Flooring, an international group offering integrated floor services from design to construction and maintenance.

Permaban joints are manufactured by RCR Flooring Products Ltd, whch operates under the disciplines of ISO 9001:2015, ISO14001:2015 and ISO45001: 2018.

Please contact us for further technical information, health & safety guidance, installation instructions and specification advice, or visit the Permaban website.



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