



FERBOX

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Detailed description

FERBOX is a reinforcement continuity system, designed to maintain structural continuity across construction joints in reinforced concrete structures. The casing houses suitably proven reinforcement, which is factory pre-bent and factory-fitted. On the construction site, the FERBOX unit is secured inside the formwork at the front face of the structural member (often a wall), in advance of the concrete pour. The casing is designed to remain embedded in the concrete, providing a useful rebate and key for the subsequent concrete pour. The galvanized and indented profile of the embedded casing removes the need for traditional scabbling at the joint interface. After striking the formwork, the casing lid is revealed and removed, providing access to the connection legs (starter bars) which lay inside. These legs are bent outwards (at 90°) by the contractor, then ordinarily lapped with loose reinforcement of the subsequent structural member/ concrete pour.

Advantages:

- Almost infinite ability to create bespoke casing to reinforcement requirements.
- Dedicated UK-local manufacturing facility for all 'specials' up to 16 mm diameter.
- UK CARES approval for vertical as well as horizontal applications.

Product guidance - As Standard

Casing material:

Rolled or fabricated from galvanized steel sheet.

Options

Type:

Consult manufacturer's literature for reinforcement details:

- HB9S B12 C150 – Size (l x w x d): 1250 x 85 x 40 mm. Light dimpling.
- HB9S B12 C200 – Size (l x w x d): 1250 x 85 x 40 mm. Light dimpling.
- HB14S B12 C150 – Size (l x w x d): 1250 x 145 x 40 mm. Light dimpling.
- HB14S B12 C200 – Size (l x w x d): 1250 x 145 x 40 mm. Light dimpling.
- HB16S B12 C150 – Size (l x w x d): 1250 x 165 x 40 mm. Light dimpling.
- HB16S B12 C200 – Size (l x w x d): 1250 x 165 x 40 mm. Light dimpling.
- HB18S B12 C150 – Size (l x w x d): 1250 x 185 x 40 mm. Light

Invisible Connections Ltd



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dimpling.

- HB18S B12 C200 – Size (l x w x d): 1250 x 185 x 40 mm. Light dimpling.
- HB20S B12 C150 – Size (l x w x d): 1250 x 205 x 40 mm. Light dimpling.
- HB20S B12 C200 – Size (l x w x d): 1250 x 205 x 40 mm. Light dimpling.
- HB22S B12 C150 – Size (l x w x d): 1250 x 225 x 40 mm. Light dimpling.
- HB22S B12 C200 – Size (l x w x d): 1250 x 225 x 40 mm. Light dimpling.
- M11D B16 C150 – Size (l x w x d): 1200 x 110 x 50 mm. Heavy dimpling.
- M11D B16 C200 – Size (l x w x d): 1200 x 110 x 50 mm. Heavy dimpling.
- M19D B16 C150 – Size (l x w x d): 1200 x 190 x 50 mm. Heavy dimpling.
- M19D B16 C200 – Size (l x w x d): 1200 x 190 x 50 mm. Heavy dimpling.
- M22D B16 C150 – Size (l x w x d): 1200 x 220 x 50 mm. Heavy dimpling.
- M22D B16 C200 – Size (l x w x d): 1200 x 220 x 50 mm. Heavy dimpling.
- M24D B16 C150 – Size (l x w x d): 1200 x 240 x 50 mm. Heavy dimpling.
- M24D B16 C200 – Size (l x w x d): 1200 x 240 x 50 mm. Heavy dimpling.
- M24S B12 C150 – Size (l x w x d): 1200 x 240 x 35 mm. Heavy dimpling.
- M24S B12 C200 – Size (l x w x d): 1200 x 240 x 35 mm. Heavy dimpling.

Specials:

A wide selection of bar shapes can be supplied in bar diameters 10, 12 and 16 mm. Consult manufacturer for details.

Product specification

Manufacturer

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Product reference	FERBOX
Type	[]
Grade (to BS 4449)	B500B B500C
Lid material	Light gauge galvanized steel PVC