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0086



Tarmac Building Products Limited, i10, Railway Drive, Wolverhampton, WV1 1LH
13
DoP No. 039

EN 15037-1:2008

Type 3 (3 wire)
Beams for beam-and-block floor system

PRESTRESSED BEAMS

Concrete:

Compressive strength $f_{ck,cube}$ = **60N/mm²**

Prestressing steel:

Ultimate tensile strength f_{pk} = **1770N/mm²**

Tensile 0.1% proof stress..... $f_{p0.1k}$ = **1702N/mm²**

Resistance to fire R.....**30 minutes**

Acoustic insulation.....**NPD**

Durability (exposure classes).....**XC2, XC3/4**

For geometrical data, detailing and mechanical strength see the design specifications.

Design specification: **7220/001**

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Type 4 (4 wire)
Beams for beam-and-block floor system

PRESTRESSED BEAMS

Concrete:

Compressive strength $f_{ck,cube}$ = **60N/mm²**

Prestressing steel:

Ultimate tensile strength f_{pk} = **1770N/mm² Tensile**

0.1% proof stress..... $f_{p0.1k}$ = **1702N/mm²**

Resistance to fire R.....**30 minutes** **Acoustic insulation**.....**NPD**

Durability (exposure classes).....**XC2, XC3/4**

For geometrical data, detailing and mechanical strength see the design specifications.

Design specification: **7220/002**

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Type 5 (5 wire)
Beams for beam-and-block floor system

PRESTRESSED BEAMS

Concrete:

Compressive strength $f_{ck,cube}$ = **60N/mm²**

Prestressing steel:

Ultimate tensile strength f_{pk} = **1770N/mm²**

Tensile 0.1% proof stress..... $f_{p0.1k}$ = **1702N/mm²**

Resistance to fire R.....**30 minutes**

Acoustic insulation.....**NPD**

Durability (exposure classes).....**XC2, XC3/4**

For geometrical data, detailing and mechanical strength see the design specifications.

Design specification: **7220/003**