

ALFORM BEAM

Std 0.3m Lengths & Code:

0.9m AFA10900
to
7.5m AFX17500

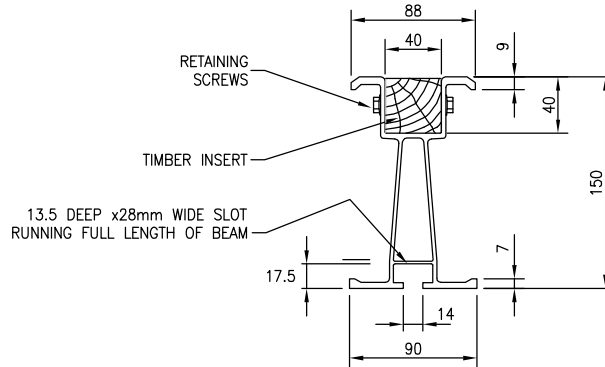
AVAILABLE IN INCREMENTS OF 0.3m

NOTE: RMD CODE IS ACHIEVED BY ADDING
THE BEAM LENGTH TO THE PREFIX AFA1.....
i.e.. 5100mm IS CODE AFA15100

MASS - 5.6 kg/m WITH TIMBER

Other Lengths & Codes

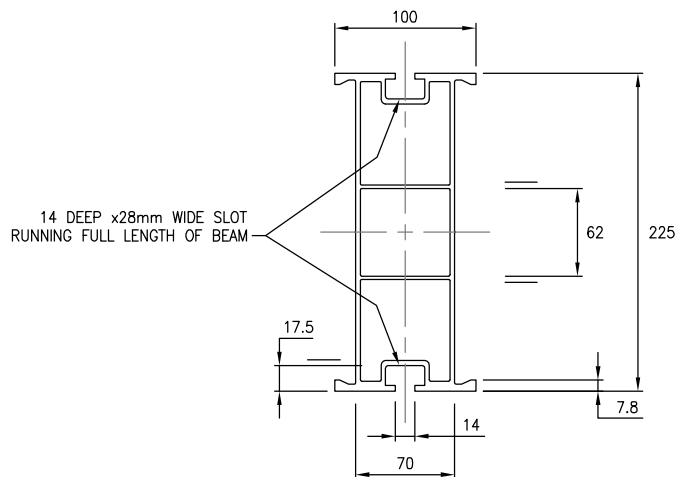
1.0m	AFX11000	5.6kg
5.8m	AFA15800	29.6kg
8.2m	AFA18200	46.1kg



ALBEAM

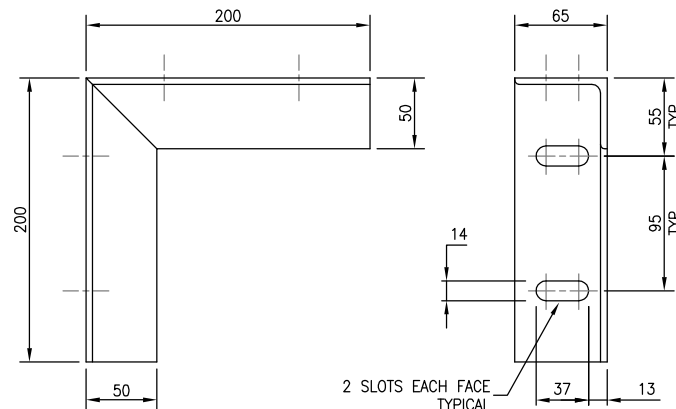
Lengths & Codes

1.8m	ABX11800	14.8kg
2.4m	ABX12400	19.7kg
3.0m	ABX13000	24.7kg
3.6m	ABX13600	29.7kg
4.2m	ABX14200	34.6kg
4.8m	ABX14800	39.5kg
5.4m	ABX15400	44.5kg
6.0m	ABX16000	49.4kg
6.6m	ABM26600	54.3kg
7.2m	ABX17200	59.3kg
8.4m	ABX18400	69.2kg



ALIGNMENT ANGLE (CORNER)

Code: AFX20002 2.05kg



ALFORM BEAM

Cross sectional area, (A) (without timber insert)	= 1613 mm ²
Gross weight per linear metre (with timber inserts)	= 5.1 kg/m
Young's Modulus, (E)	= 69000 N/ mm ²
Moment of inertia, (I _{xx})	= 5.58 x10 ⁶ mm ⁴
Shear Rigidity, (GA _{xx})	= 18489 kN
Section Modulus, (Z _{xx})	= 74.1 x10 ³ mm ³
Maximum W.L.L. in bending	= 9.9 kNm (LSCF = 1.5)
Maximum W.L.L. end bearing or Intermediate shear capacity	= 38.0 kN (LSCF = 1.5) (NB. Min. bearing length of 50mm)

ALBEAM

Cross sectional area, (A)	= 3030 mm ²
Gross weight per linear metre	= 8.2 kg/m
Young's Modulus, (E)	= 69000 N/ mm ²
Moment of inertia, (I _{xx})	= 21.3 x10 ⁶ mm ⁴
Shear Rigidity, (GA _{xx})	= 35110 kN
Section Modulus, (Z _{xx})	= 189 x10 ³ mm ³
Radii of Gyration (r _{yy})	= 29.8 mm
Maximum W.L.L. in bending	= 25.0 kNm (LSCF = 1.5)
Maximum W.L.L. end bearing	= 38.5 kN (LSCF = 1.5) (NB. Min. bearing length of 110mm)
Maximum W.L.L. Intermediate reaction	= 100 kN (LSCF = 1.5) (NB. Min. bearing length of 170mm)