

Aluminium Beams

PROPERTIES

Alform Beam Properties

Moment of resistance xx axis	= 10 kNm
Maximum Reaction: end	= 40 kN
Maximum Reaction: Internal	= 55 kN
Cross sectional area	= 1752 mm ²
Shear Rigidity xx axis (GA)	= 18489 kN
Modulus of elasticity (E)	= 6890 kN/cm ²
Flexural rigidity xx axis (EI)	= 388 kN/m ²
Weight of beam	= 5.6 kg/m



Albeam Properties

Moment of resistance xx axis	= 25 kNm
Maximum Reaction: end	= 80 kN
Maximum Reaction: Internal	= 80 kN
Cross sectional area	= 3306 mm ²
Shear Rigidity xx axis (GA)	= 35110 kN
Modulus of elasticity (E)	= 6890 kN/cm ²
Flexural rigidity xx axis (EI)	= 1468 kN/m ²
Weight of beam	= 8.2 kg/m

