steel supplies

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Bomen (02) 6921 9119
Deniliquin (03) 5881 5541
Coolamon (02) 6927 3024
Bega (02) 6494 7600

QUICK TIPS

FORMULA	UNIT
To calculate the mass of steel circular hollow sections **(as used in Australian Standards AS1163)** Circular sections Mass = (OD-wt) x wt x 0.0246615 Where. Mass = mass/metre^2 OD = outside diameter Wt = Section thickness	 (kg/m) (mm) (mm)
To calculate the mass of steel plate sections Mass = t x 7.850 x (L X W) Where: Mass = mass/metre^2 T = thickness of plate L = length of plate W = width of plate To calculate the mass for floorplate. Add 2 kg/M^2	 (kg/m) (mm) (m) (m)
To calculate the mass of Flats, Squares & Rounds Flats: Width (mm) x Thickness (mm) x 0.00785 = kg/m Squares: Size (mm^2) x 0.00785 = kg/m Rounds: Diameter (mm^2) x 0.006165 = kg/m	
To determine the length of a conveyor belting Measure in inches from the outside of the roll to the opposite side of the centre opening **S**. Count the number of layers or turns of belt **N**. **C** is constant = 0.2618 L = S x N x C (0.2618) = Length in feet/3.28 = metres. Eg: 26" x 61 x 0.2618 = 415.22' divide by 3.28 = 126.6m	