

Pultruded Composite Structural Polymer Technologies



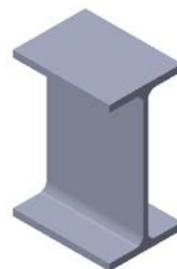
Pultrac composite structural profiles are an Easy, Safe and Simple alternative to steel, aluminum and wooden structural components. The profiles are manufactured using vinyl ester resin, providing superior quality over polyester resins, offering enhanced chemical resistance. Unidirectional fibres and multidirectional mats are combined to provide the structural profile with the optimum mechanical properties. The combination of the resins and fibres give the profiles greater strength and low thermal conductivity values.

The high strength to weight ratio means **Pultrac** structural profiles are Easy to transport, lightweight and Safe to handle, and Simple to cut and install.

Each composite structural shape is available in a number of dimensions and colours suitable for a variety of designs and application requirements. Custom shapes are also available upon request.

Universal Beam

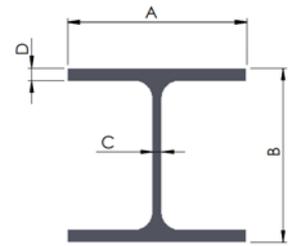
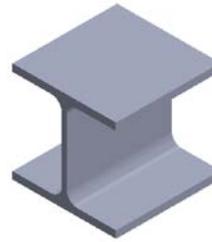
Stock code	Dimension (mm)	Weight (kg/m)
	AxBxCxD	
PUB25	15x25x4.0x6.4	0.40
PUB32	15x32x4.0x6.4	0.44
PUB38A	15x38x4.0x6.4	0.51
PUB38B	38x76x6.4x6.4	1.69
PUB50A	50x102x6.4x6.4	2.40
PUB50B	50x102x8.0x8.0	3.00
PUB76A	76x152x6.4x6.4	3.59
PUB76B	76x152x9.5x9.5	5.32
PUB102A	102x203x9.5x9.5	7.20
PUB102B	102x203x12.7x12.7	9.50
PUB127A	127x254x9.5x9.5	9.00
PUB127B	127x254x12.7x12.7	11.90
PUB152A	152x305x9.5x9.5	10.74
PUB152B	152x305x12.7x12.7	14.30



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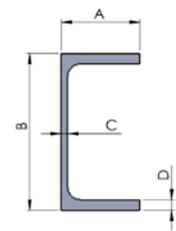
Universal Column

Stock code	Dimension (mm)	Weight (kg/m)
	$A \times B \times T_1 \times T_2$	
PUC76	76x76x6.4x6.4	2.67
PUC102A	102x102x6.4x6.4	3.59
PUC102B	102x102x8.0x8.0	4.50
PUC152A	152x152x6.4x6.4	5.43
PUC152B	152x152x6.4x6.4	8.10
PUC203A	152x152x9.5x9.5	10.8
PUC203B	203x203x9.5x9.5	14.36
PUC203C	203x203x6.4x6.4	7.50
PUC254A	254x254x9.5x9.5	13.60
PUC254B	254x254x12.7x12.7	18.04
PUC305	305x305x12.7x12.7	21.50



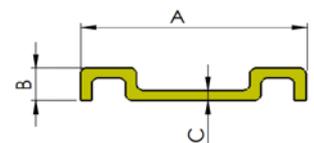
Channel

Stock code	Dimension (mm)	Weight (kg/m)
	$A \times B \times C \times D$	
PC32	32x13x3x3	0.25
PC40	40x24x3.2x3.2	0.50
PC45	45x28x6.4x6.4	0.91
PC52	52x50x6x6	1.63
PC70	70x30x4.5x4.5	0.95
PC76A	76x25x4.8x4.8	1.06
PC76B	76x38x6.4x6.4	1.70
PC90	90x35x8.0x8.0	2.10
PC102	102x44x6.4x6.4	2.10
PC120	120x50x5.0x5.0	2.00
PC152A	152x42x9.5x9.5	3.95
PC152B	152x50x8.0x8.0	3.59
PC203	203x56x9.5x9.5	5.34
PC210	210x85x5.0x5.0	3.52
PC254	254x70x12.7x12.7	8.90
PC292	292x70x12.7x12.7	9.60



Kick Plate

Stock code	Dimension (mm)	Weight (kg/m)
	$A \times B \times C$	
M-shape		
PKM1	100x13x3.2	0.77
PKM2	100x14x3.2	1.10
PKM3	100x16x5.0	1.30
PKM4	148x12x3.0	1.27
W-shape		
PKW1	100x19x5.0	1.36
PKW2	100x14x3.2	1.10

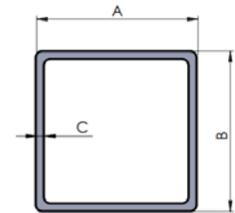


Easy, Safe and Simple alternative to steel, aluminium and timber

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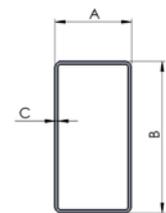
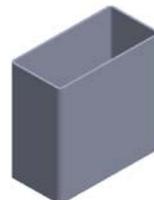
Square Tube

Stock code	Dimension (mm)	Weight (kg/m)
	AxBxCxD	
PS25A	25x25x2.8x2.8	0.50
PS25B	25x25x3.2x3.2	0.53
PS25C	25x25x6.4x6.4	0.9
PS32	32x32x6.4x6.4	1.24
PS38A	38x38x3.2x3.2	0.85
PS38B	38x38x5.0x5.0	1.25
PS38C	38x38x6.4x6.4	1.54
PS44A	44x44x3.2x3.2	1.01
PS44B	44x44x6.4x6.4	1.83
PS50A	50x50x3.2x3.2	1.14
PS50B	50x50x3.5x3.5	1.24
PS50C	50x50x4.0x4.0	1.42
PS50D	50x50x5.0x5.0	1.74
PS50E	50x50x6.4x6.4	2.12
PS54A	54x54x3.2x3.2	1.24
PS54B	54x54x4.8x4.8	1.78
PS64A	64x64x3.2x3.2	1.48
PS64B	64x64x4.4x4.4	1.97
PS64C	64x64x6.4x6.4	2.80
PS76A	76x76x3.2x3.2	1.77
PS76B	76x76x5.0x5.0	2.70
PS76C	76x76x6.4x6.4	3.39
PS101A	101x101x3.2x3.2	2.38
PS101B	101x101x5.0x5.0	3.61
PS101C	101x101x6.4x6.4	4.61
PS152A	152x152x6.4x6.4	7.10
PS152B	152x152x9.5x9.5	10.4
PS152C	152x152x12.7x12.7	13.5



Rectangular Hollow Section

Stock code	Dimension (mm)	Weight (kg/m)
	AxBxCxD	
PRHS50A	50x25x3x3	0.79
PRHS50B	50x25x6.4x6.4	1.54
PRHS51A	51x25x4x4	1.01
PRHS51B	51x38x4x4	1.22
PRHS52	52x32x5x5	1.41
PRHS91A	91x38x4x4	1.78
PRHS91B	91x112x6.4x6.4	4.46



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Round Tube

Stock code	Dimension (mm)	Weight (kg/m)
	AxBxCxD	
PR25	25X3.2	0.44
PR26A	26X3.0	0.42
PR26B	26X4.8	0.63
PR32A	32X3.2	0.55
PR32B	32X5.0	0.81
PR32C	32X6.0	0.96
PR35A	35X2.5	0.49
PR38A	38X3.2	0.65
PR38B	38X4.0	0.81
PR38C	38X5.0	1.00
PR38D	38X6.4	1.18
PR42A	42X3.2	0.70
PR42B	42X6.4	1.11
PR48	48X6.4	1.58
PR50A	5.0X3.2	0.84
PR50B	50X4.0	1.10
PR50C	50X5.0	1.34
PR50D	50X6.4	1.67
PR50E	50X3.5	0.96
PR64A	64X3.5	1.26
PR64B	64X7.0	2.38
PR76	76X6.4	2.64
PR89A	89X3.2	1.54
PR89B	89X5.0	2.51
PR89C	89X6.4	3.13
PR99	99X5.0	2.81
PR101	101X6.4	3.62
PR114A	114X3.2	2.12
PR114B	114X5.0	3.25
PR114C	114X6.4	4.11
PR114D	114X9.5	5.93
PR150A	150X3.2	2.81
PR150B	150X5.0	4.35
PR150C	150X6.4	5.50
PR150D	150X9.5	8.00

