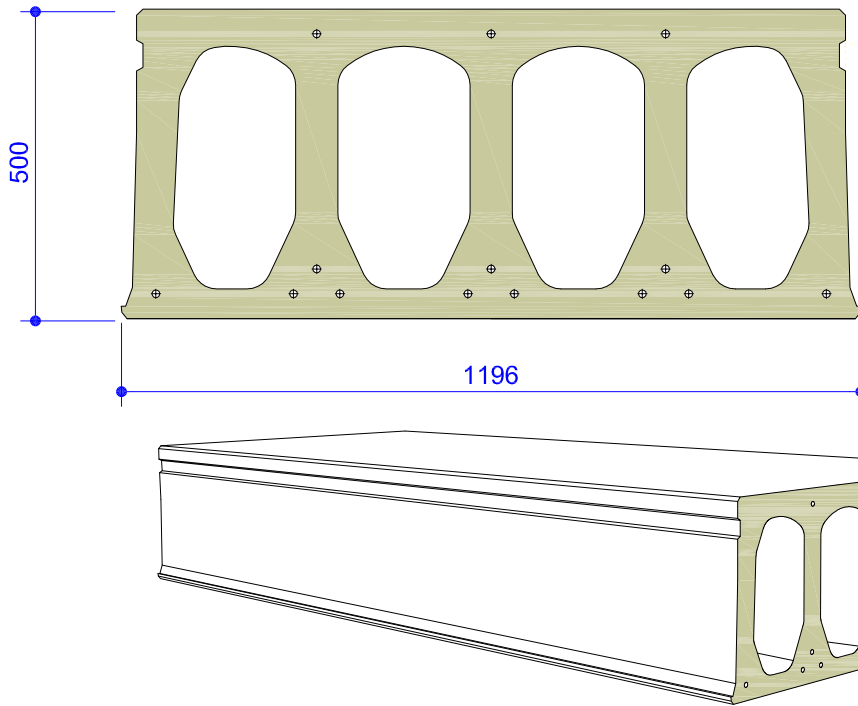


# PRESTRESSED HOLLOW CORE PANELS 500mm

Type HC 500/1



CROSS SECTION  
PROFILE 500mm

## SAFE LOAD TABLE

SPAN	SAFE LOAD kg/sqm with 100mm topping	MAX. SAFE SHEAR tn/panel with 100mm topping	SPAN	SAFE LOAD kg/sqm with 100mm topping	MAX. SAFE SHEAR tn/panel with 100mm topping
3.00m	10,266	18.48	10.50m	2,473	15.60
3.50m	8,708	18.29	11.00m	2,265	15.41
4.00m	7,540	18.10	11.50m	2,018	15.22
4.50m	6,631	17.90	12.00m	1,801	15.02
5.00m	5,904	17.71	12.50m	1,609	14.83
5.50m	5,309	17.52	13.00m	1,440	14.64
6.00m	4,813	17.33	13.50m	1,288	14.45
6.50m	4,394	17.14	14.00m	1,153	14.26
7.00m	4,034	16.94	14.50m	1,032	14.06
7.50m	3,723	16.75	15.00m	922	13.87
8.00m	3,450	16.56	15.50m	823	13.68
8.50m	3,209	16.37	16.00m	733	13.49
9.00m	2,995	16.18	16.50m	651	13.30
9.50m	2,804	15.98	17.00m	576	13.10
10.00m	2,632	15.79			

WIDTH	1200mm
HEIGHT	500mm
AREA	258000mm <sup>2</sup>
SELF WEIGHT	619kg/m

Concrete topping should be grade C25/30 or higher  
It is suggested that a minimum of A142 steel mesh be inserted within the concrete topping  
Safe Load and Max. Safe Shear refer to unfactored loads  
Fire rating 90min  
All Dimension are in Millimetres (mm) unless otherwise stated



The above tables are for guidance only. For further information contact us at:

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