

# DESIGN CHARTS

RESIDENTIAL - 150mm CUBE6 Beam & LIGHTWEIGHT Block				
Finish Clear Span	Poly/Chip	50mm Screed	65mm Screed	75mm Screed
Up to 3.5m		SINGLE 488		
3.50m - 3.75m				
3.75m - 4.00m				
4.00m - 4.25m		SINGLE 375		
4.25m - 4.50m				
4.50m - 4.75m				
4.75m - 5.00m			SINGLE 263	
5.00m - 5.25m				
5.25m - 5.50m			DOUBLE 355	
5.50m - 5.75m				
5.75m - 6.00m				
CONDITION	Poly/Chip	50mm Screed	65mm Screed	75mm Screed

The charts opposite show the maximum span of the CUBE6 beam based upon the density of the blocks used and the type of floor finish.

- Chart 1 - Blocks up to 750kg/m<sup>3</sup>
- Chart 2 - Blocks up to 1350kg/m<sup>3</sup>
- Chart 3 - Blocks up to 1950kg/m<sup>3</sup>

The diagrams below explain how the beams are spaced and relate to the codes within the charts.

RESIDENTIAL - 150mm CUBE6 Beam & MEDIUM DENSE Block				
Finish Clear Span	Poly/Chip	50mm Screed	65mm Screed	75mm Screed
Up to 3.5m		SINGLE 488		
3.50m - 3.75m				
3.75m - 4.00m				
4.00m - 4.25m		SINGLE 375		
4.25m - 4.50m				
4.50m - 4.75m				
4.75m - 5.00m			SINGLE 263	
5.00m - 5.25m				
5.25m - 5.50m			DOUBLE 355	
5.50m - 5.75m				
5.75m - 6.00m				
CONDITION	Poly/Chip	50mm Screed	65mm Screed	75mm Screed



RESIDENTIAL - 150mm CUBE6 Beam & DENSE Block				
Finish Clear Span	Poly/Chip	50mm Screed	65mm Screed	75mm Screed
Up to 3.5m		SINGLE 488		
3.50m - 3.75m				
3.75m - 4.00m				
4.00m - 4.25m		SINGLE 375		
4.25m - 4.50m				
4.50m - 4.75m				
4.75m - 5.00m			SINGLE 263	
5.00m - 5.25m				
5.25m - 5.50m			DOUBLE 355	
5.50m - 5.75m				
5.75m - 6.00m				
CONDITION	Poly/Chip	50mm Screed	65mm Screed	75mm Screed

