



Solid Dense Concrete Blocks

Available in Greenbloc Standard and Ultra

**Solid Dense Blocks are produced using responsibly sourced and sustainable high-quality sands and aggregates.
Suitable for ground conditions up to DS3. Compliance with EN1996-1 Group 1 Manufacturing Standard BS EN 771-3:2011.**

Product Code	351310	351410	151420	151430	151440	151610	151620	151630	151640
Product Type	Solid Dense								
Thickness (mm)	75	100	100	100	100	140	140	140	140
Size L x H x W (mm)	440 x 215 x 75	440 x 215 x 100	440 x 215 x 100	440 x 215 x 100	440 x 215 x 100	440 x 215 x 140	440 x 215 x 140	440 x 215 x 140	440 x 215 x 140
Compressive strength (N/mm ²)	7.3	7.3	10.4	17.5	22.5	7.3	10.4	17.5	22.5
Form	Solid								
Paint Grade	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ground Condition Suitability	DS1/DS2/DS3								
Metres per pack (m ²)	9.6	7.2	7.2	7.2	7.2	4.8	4.8	4.8	4.8
Blocks Per Pack	96	72	72	72	72	48	48	48	48
Dry density (kg/m ³)	1850-2000	1850-2000	1850-2000	1850-2000	1900-2100	1850-2000	1850-2000	1850-2000	1900-2100
Approx weight (kg)	13.7	18.2	18.2	18.2	19.8	25.5	25.5	25.5	26.7
Thermal Conductivity W/mK λ10, dry	1.11								
Fire Resistance ¹ (Hours)	2	4	4	4	4	4	4	4	4
Reaction to Fire	Euro Class A1 (Non Combustible)								
Sound reduction value ² (dB)	47	49	49	49	49	52	52	52	52
Sheer Bond Strength (N/mm ²)	0.15								
Durability to Freeze/Thaw	On application								
Carbon reduction ³	Greenbloc Standard up to 50%, Greenbloc Ultra up to 80%								

TDS-QMS-LL-001 October 2024



¹Figures shown are the nominal fire ratings based on single block wall in a loadbearing situation, faced both sides with plasterboard and skim

²Includes 2 layers of plaster

³Compared to a standard OPC (Ordinary Portland Cement) block