

# Modulite

## Medium dense concrete blocks

Available in Greenbloc Standard and Ultra



**Modulite solid medium dense blocks are produced using responsibly sourced and sustainable high-quality sands and aggregates.**

**Suitable for ground conditions below DPC (7.3Nmm<sup>2</sup> and above). Compliance with EN1996-1 Group 1 Manufacturing Standard BS EN 771-3:2011**

Product Code	301400	301410	301420	301610	301620	101410P	101420P	101610P	101620P
Product Type	Modulite	Modulite	Modulite	Modulite	Modulite	Modulite Paint Grade	Modulite Paint Grade	Modulite Paint Grade	Modulite Paint Grade
Thickness (mm)	100	100	100	140	140	100	100	140	140
Size L x H x W (mm)	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 100	440 x 215 x 100	440 x 215 x 140	440 x 215 x 140
Compressive strength (N/mm <sup>2</sup> )	3.6	7.3	10.4	7.3	10.4	7.3	10.4	7.3	10.4
Form	Solid								
Paint grade	No	No	No	No	No	Yes	Yes	Yes	Yes
Ground Condition Suitability	Above ground	DS1	DS1	DS1	DS1	DS1	DS1	DS1	DS1
Metres per pack (m <sup>2</sup> )	7.2	7.2	7.2	4.8	4.8	7.2	7.2	4.8	4.8
Blocks Per Pack	72	72	72	48	48	72	72	48	48
Dry density (kg/m <sup>3</sup> )	1350-1600								
Approx weight (kg)	13.2	13.2	13.2	18.6	18.6	13.2	13.2	18.6	18.6
Thermal Conductivity W/mK λ10, dry	0.48								
Fire Resistance <sup>1</sup> (Hours)	4								
Reaction to Fire	Euro Class A1 (Non Combustible)								
Sound reduction value <sup>2</sup> (dB)	46	46	46	49	49	46	46	49	49
Shear Bond Strength (N/mm <sup>2</sup> )	0.15								
Durability to Freeze/Thaw	On application								
Carbon reduction <sup>*</sup>	Greenbloc Standard up to 50%, Greenbloc Ultra up to 80%								



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

<sup>2</sup>Includes 2 layers of plaster

<sup>\*</sup>Compared to a standard OPC (Ordinary Portland Cement) block