

GreenLock™

RETAINING OUR ENVIRONMENT

PRODUCT DATA SHEET

PRODUCT CATEGORY	:	RETAINING WALL BLOCKS
PRODUCT NAME	:	RETAINING WALL BLOCK L7 GREY (HEAVY DUTY)
PRODUCT CODE	:	L7 / 12
DIMENSIONS	:	380mm Length x 395mm Width x 220mm Height
COMPRESSIVE STRENGTH	:	14 Mpa (NET SURFACE AREA)
MASS	:	38 Kg
NO./M2 (open lay out)	:	7.5 (225mm max. gap between blocks)
NO./M2 (closed lay out)	:	12 (No gap between the blocks)
Wall angle	:	73 degrees (blocks against the lip) With Slider 68 and 58 degrees
NO./PALLET	:	36
INFILL VOLUME PER BLOCK	:	0.016 m3
WALL MASS (open layout)	:	573 Kg/m2
7.5 blocks/m2x38Kg=285Kg+180Kg infill weight = Total weight 465kg/m2 (Infill weight calculated @ 1500Kg/m3) add the infill between the blocks (0.012m3x7.5x1500kg 80%) = 108kg + 465kg = 573kg/m2.		
WALL MASS WITH SLIDER	:	708 Kg/m2
7.5 sliders/m2 x6.6Kg=50Kg + 135Kg (0.012m3x7.5x1500kg) + 573Kg = 708Kg/m2		
WALL MASS (closed lay out)	:	651 Kg/m2
12 blocks/m2 x 38Kg = 456Kg + 180Kg infill weight + infill between angled sides of the blocks 14.5Kg/m2= 650.5Kg/m2		
FRICTION COEFFICIENT	:	N/A (BECAUSE OF LIP) SABS Mark pending. Test results available
SLIDER L7	:	Length 225mm x Height 220mm + 10mm lip. Weight 6.6kg



