

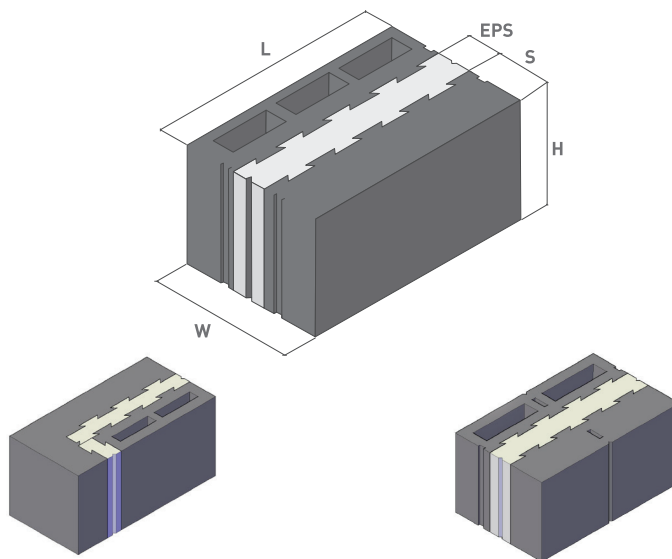
Dimension in cm (W x H x L)	EPS	S	Weights in kg for Different Concrete Densities [kg/m <sup>3</sup> ]				
			2,200 (regular)	1,400 (LW)	1,200 (LW)	1,000 (LW)	750 (LW)
			20x20x40	4	7.5	26.4	16.8
25x20x40	6	9.0	30.1	19.2	16.4	13.7	10.3
30x20x40	6	10.0	35.2	22.4	19.2	16.0	12.0

The above weights are for oven dried blocks. Sibline blocks comply with EN:771-3:2011 for non load bearing blocks category D1 and with ASTM C129 standards. As part of Sibline continuous improvement process, the above mentioned shapes, dimensions and weights might be changed without prior notice. They can be used for pre-dimensioning only. Please contact us for further information. Other shapes and dimensions are available upon request. Please contact us for further information. Density 2200 kg/m<sup>3</sup> is also available with "fair face" finish (no need to plaster the walls).

Dimension in cm (W x H x L)	EPS <sup>2</sup>	S	U-values (W/m <sup>2</sup> K) <sup>(1)</sup> for Different Concrete Densities (kg/m <sup>3</sup> )				
			2,200 (regular)	1,400 (LW)	1,200 (LW)	1,000 (LW)	750 (LW)
			20x20x40	4	7.5	0.685	0.643
25x20x40	6	9.0	0.489	0.465	0.460	0.441	0.416
30x20x40	6	10.0	0.467	0.438	0.431	0.411	0.383

(1) The above values are indicative values for blocks only. They are based on ACI 122R-02 and BR 443:2006.

(2) EPS refers to Expanded Polystyrene. Sibline is using a stable high density non toxic, FR (Fire Retardant) grade EPS complying with EN RAR 2006 with a HBCDD content below 0.7%, HFC, CFC, and HCFC free.

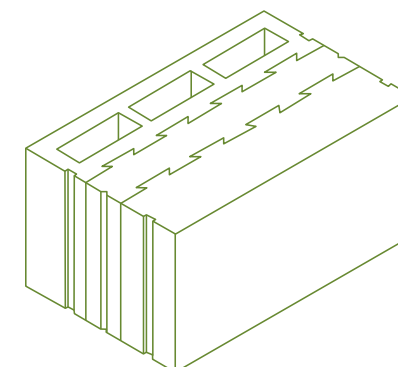


The above 3-D views are indicative and not contractual.



## LIGHTWEIGHT & NORMAL WEIGHT SEMI HOLLOW THERMO BLOCKS

Sibline offers a comprehensive range of Lightweight and Normal weight concrete blocks made in particular shapes with a special Mix Design containing sand, cement, lightweight aggregates, chemical additives and materials including fire retardant, non toxic EPS beads, intended for construction of walls for residential, commercial and industrial sector.



version 1.1



Sibline | Lightweight Construction Solutions

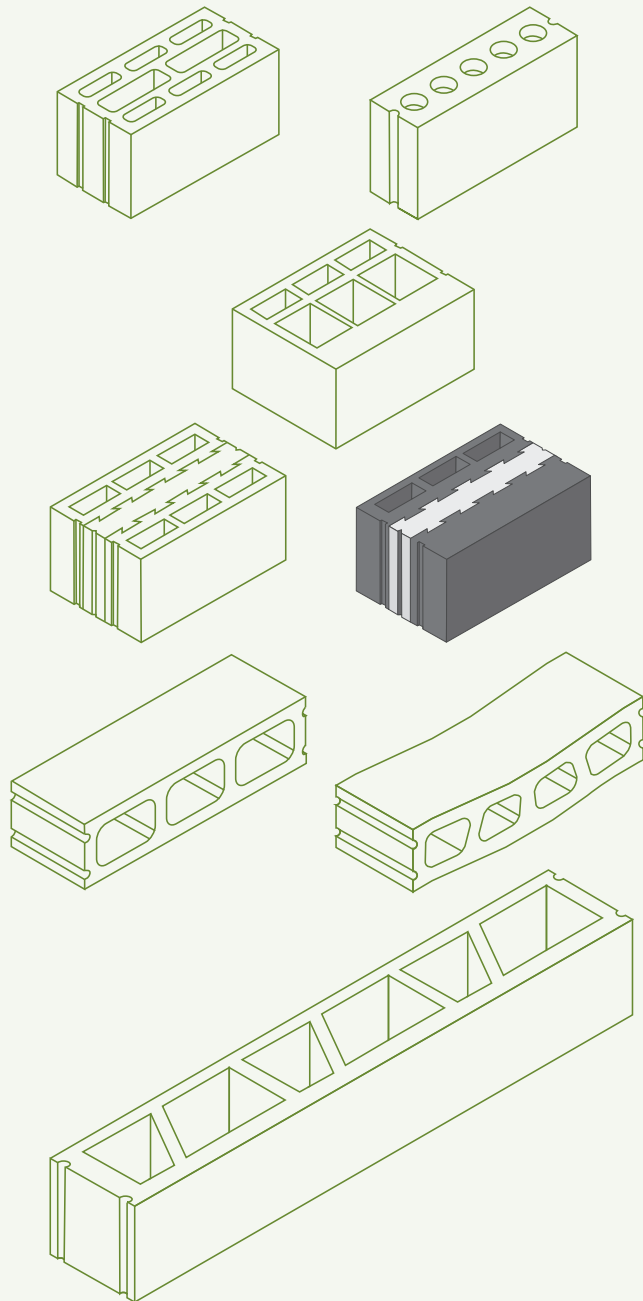
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Ciment de Sibline S.A.L.  
Sibline Lightweight Blocks  
Factory, Chouf, Lebanon  
EN 771-3:2011  
category D1  
2015



## BLOCK TYPES



## ADVANTAGES



Light Weight



Strong



Reducing Dead Load



Environmentally Friendly



High Thermal Insulation



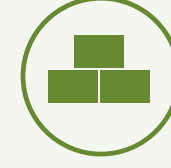
Fire Rated



Very Low Water Penetration



Internal and External Use



Exceptional Workability



Cost Efficient



Easy to Handle



Sound Proof