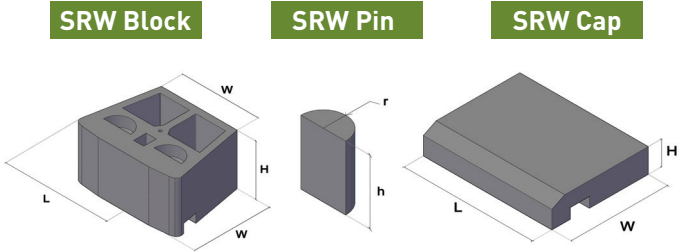


BLOCK WEIGHT & DIMENSIONS

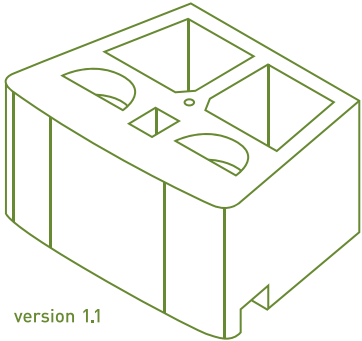


	SRW block	Thick pin	Thin pin	SRW cap
Dimensions (cm)	H x W x L 20x30x40	R x H 5x6.8	R x H 3.8x10.8	H x W x L 7.5x30x40
Weight (kg)	28.5	0.6	0.55	18
Wall Inclination (degrees)	α 83 or 87	α 83	α 87	α 83 & 87
Minimum curve radius (cm)	R 110	R 110	R 110	R 110
Number of blocks per unit of wall	12.5/m2 of wall	25/m2 of wall	25/m2 of wall	2.5 / liear meter



SEGMENTAL RETAINING WALLS (SRW)

Sibline offers an attractive SRW system equally suited for residential, commercial, landscaping and public works applications. Both heavy duty and stone textured can be used to execute retaining walls of any size that will become a living part of your landscape. The combination between Sibline SRW block facing and a 3rd generation geogrid to stabilize the compacted earth will constitute the most economical, the fastest and the nicest way to retain soil.



version 1.1

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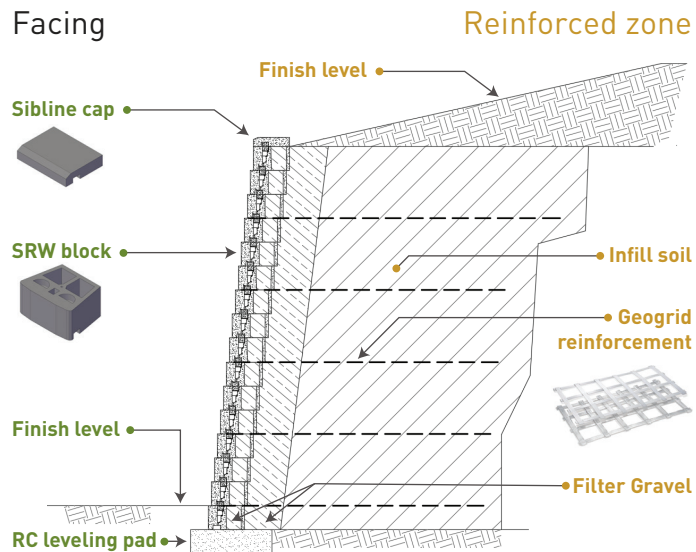
Above information is indicated and contractual. It can be changed without prior notice.
 Please contact Sibline Engineering Dept. for more detail.

CONCEPT

CONCEPT

Sibline Segmental retaining wall (SRW) is composed of several layers of compacted soil reinforced by high tensile strength monoaxial welded PET geosynthetic attached to and protected by a wall facing made of special load-bearing dry stacked interlocking concrete blocks.

TYPICAL SECTION



The above typical section is not intended to show the drainage and it cannot be used for execution.

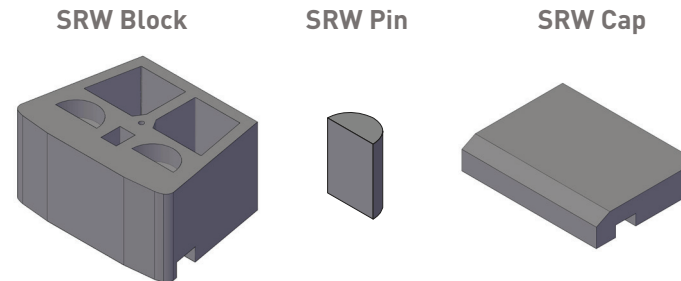
FREE OF CHARGE DESIGN

The Design consisting in the Calculation Note and the Drawings is done by Sibline free of charge in conformity with the EUROCODE 7.

COMPONENTS & UTILIZATION

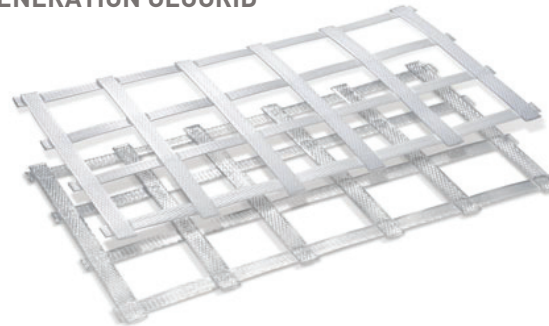
MAIN COMPONENTS

Wall Facing



Sibline SRW blocks are produced as ASTM C1372

STRUCTURAL REINFORCEMENT 3RD GENERATION GEOGRID



UTILIZATION



HEAVY DUTY

typically fair-faced and/or pigmented blocks



LANDSCAPING

typically pigmented and/or stone-finished blocks



SEVERE SOIL CONDITIONS

120 YEARS LIFETIME typically welded PET geogrid

WALL FACING OPTIONS

WALL HEIGHT & UTILIZATION

Height¹

Depending on the type of soil and on the live load applied, almost any wall height can be achieved

Utilization

Public works, Residential, Commercial and Landscaping



COLORS & TEXTURES

Colors²



Grey



Sandstone



Terracotta

Textures



Fair Face



Stone Finish

¹- Contact our Engineering Dept. for advice and feasibility
²- More colors are available upon request

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