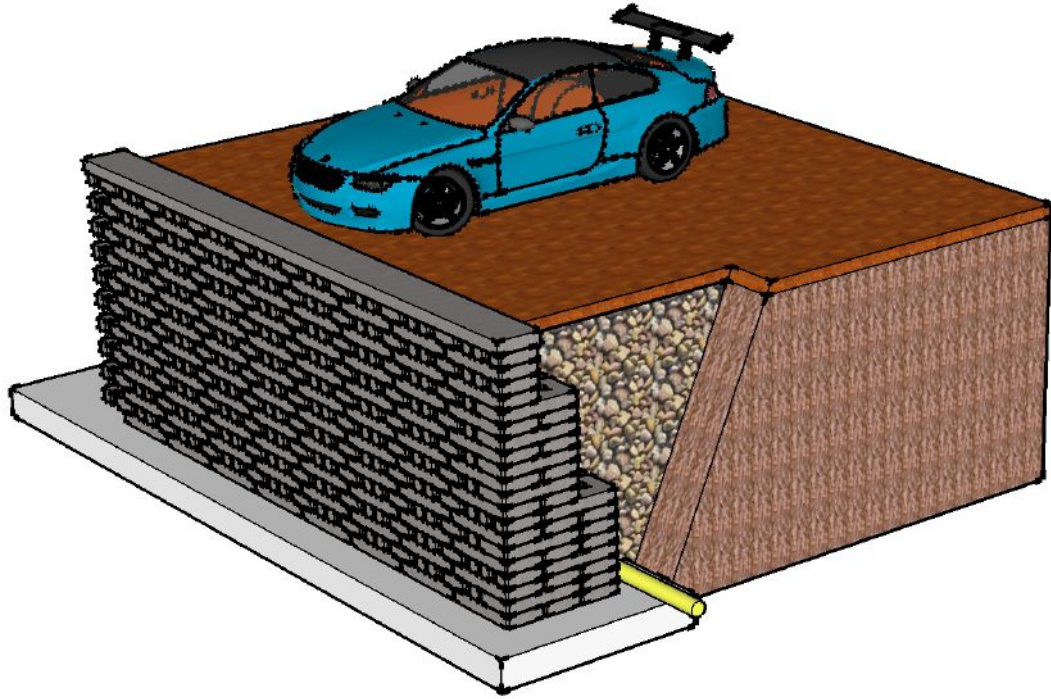


# Aquacast retaining wall

Everything you need to know about a L  
shaped retaining wall in 2.5 minutes



**Bob Evans**





Short video of how Aquacast can be used

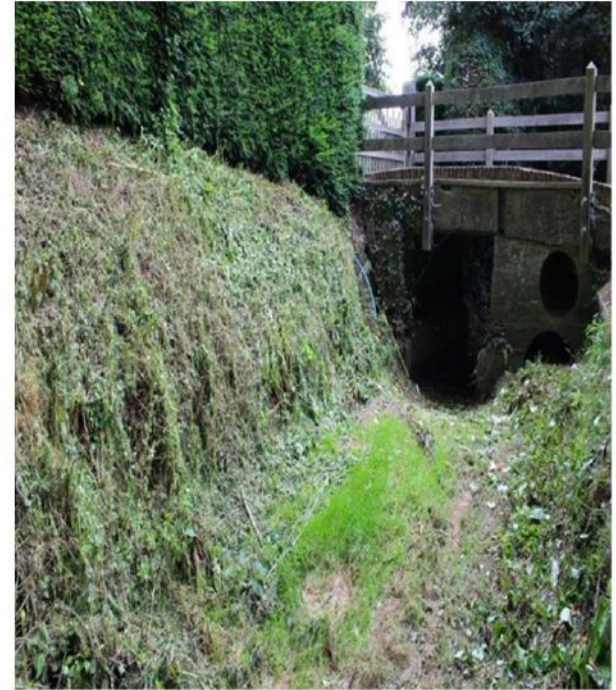
# Retaining Wall Solutions



Morning



Complete in one day



Vegetation Growth – Grey to Green

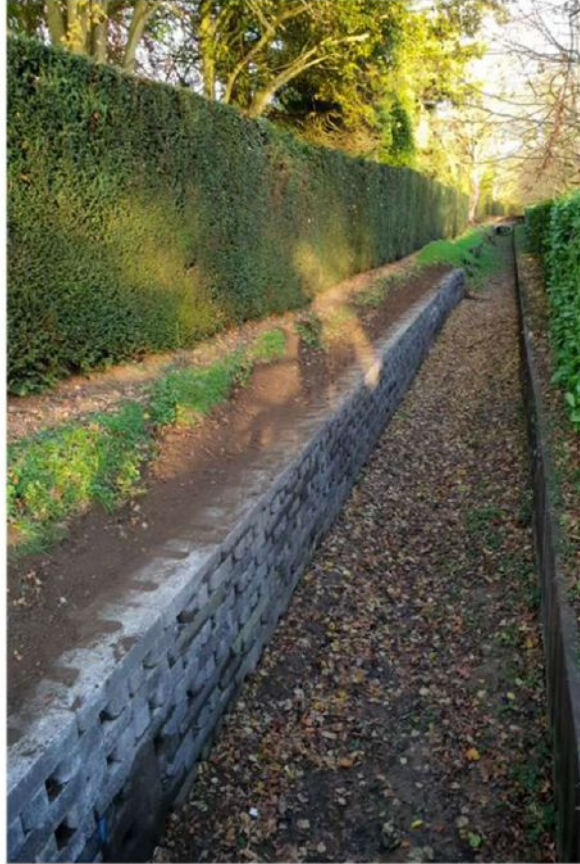
Easy to install

# Retaining Wall Solutions

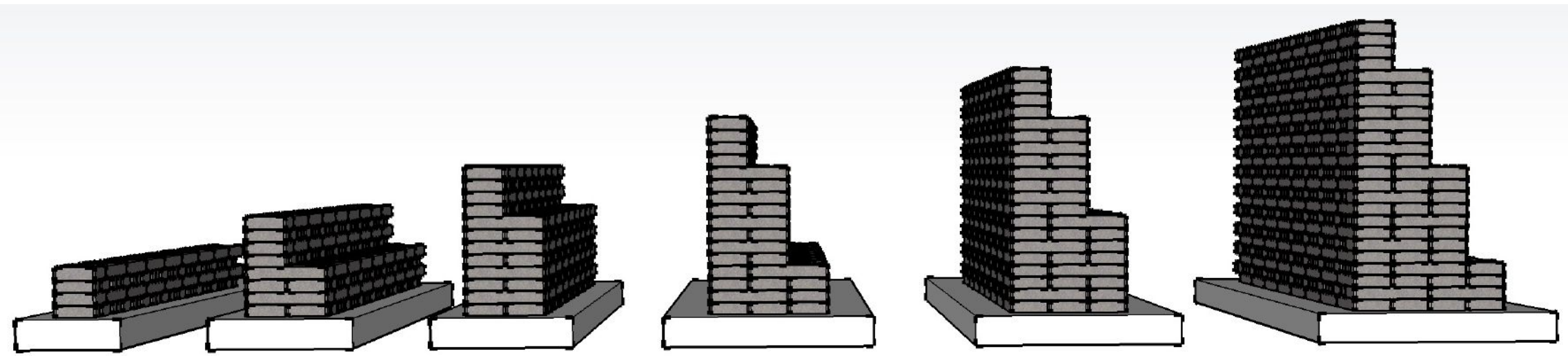


Riverbank erosion protection

# Retaining Wall Solutions



Domestic retaining walls

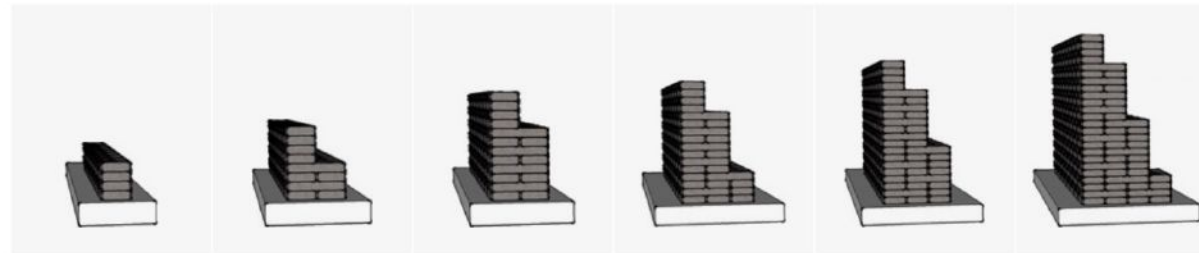


500mm high	1000mm high	1500mm high	2000mm high	2500mm high	3000mm high
4 blocks	12 blocks	20 blocks	32 blocks	44 blocks	60 blocks
5 blocks/m run	15 blocks/m run	25 blocks/m run	40 blocks/m run	55 blocks/m run	75 blocks/m run

**Number of blocks required**

# Aquacast design guide

Height (m)	0.5	1.0	1.5	2.0	2.5	3.0
Block depth (mm)	125	125	125	125	125	125
Wall width (mm)	400	800	800	1200	1200	1600
Base width (mm)	1000	1400	1700	2100	2100	2500
Base depth (mm)	300	300	300	300	300	300
Base top steel	A393	A393	A393	A393	A393	A393
Base bottom steel	A393	A393	A393	A393	A393	A393
Surcharge	10kn/m <sup>2</sup>	10kn/m <sup>2</sup>	10kn/m <sup>2</sup>	10kn/m <sup>2</sup>	10kn/m <sup>2</sup>	10kn/m <sup>2</sup>
Factor of safety	M=1.5	M=1.5	M=1.5	M=1.5	M=1.5	M=1.5



Indicative designs based upon a base material with allowable bearing pressure of **>200kPa**.

Retained material is assumed to be well graded, granular backfill with the back of wall drainage or weep holes to relieve hydrostatic pressure.

Design table to give you some examples for various wall heights





# Retaining wall design and price guide

Which retaining wall type is the most economical to build? **Download the design guide** to learn more about each retaining wall type and get a price comparison.

Design price guide

Ask a question

## How much do they cost?

## Our simple 3 steps Design process

### 1 Step 1 - Decide on the type of retaining wall

One of the hardest things to do is to select the right retaining wall type.

Each retaining wall type has pros and cons.

Our support can help you select the right one for your requirements and budget.

### 2 Step 2 - Design the retaining wall

Our structural engineer is a specialist retaining wall expert. We can turn around retaining wall designs in a matter of days.

You will receive a full retaining wall report, a complete set of calculations, and a sketch showing you the design, including the material specifications.

You will also be protected by our professional indemnity insurance allowing you to sleep at night.

### 3 Step 3 - Use our supply chain to get the best build price

We have a comprehensive supply chain for the supply only or supply and installation of your retaining wall once it has been designed.

We can prepare material schedules and bills of quantities to give you a budget to work from.

You can save time and money trying to find suitable suppliers and contractors using our service.

# Aquacast retaining wall

## The Next Step

- Tell us about your project.
- Complete the form.
- We are here to support you.



**Bob Evans**