

Textile Tetrapod Block

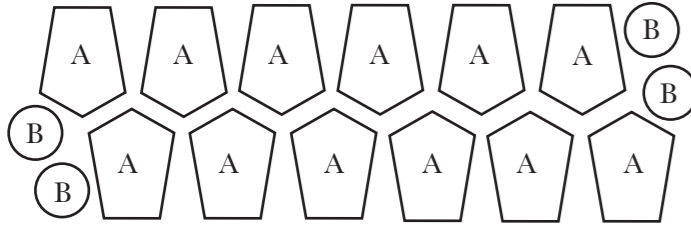
INSTRUCTION

PREPARING PAPER PATTERN PIECES

Choose your size according to the chart on the lower right corner on the pattern sheet and cut out the pattern pieces in the required size. There are 12 x A pieces and 4 x B pieces. Note that the B pattern piece is placed inside the A pattern piece and must be cut out carefully.

CUTTING OUT

A 1.5cm seam allowance must be added to all of the the seams on the outer side. Place pattern sheets on the fabric and mark out the the seam line before cutting.
(See illustration below for overview of the pattern pieces).

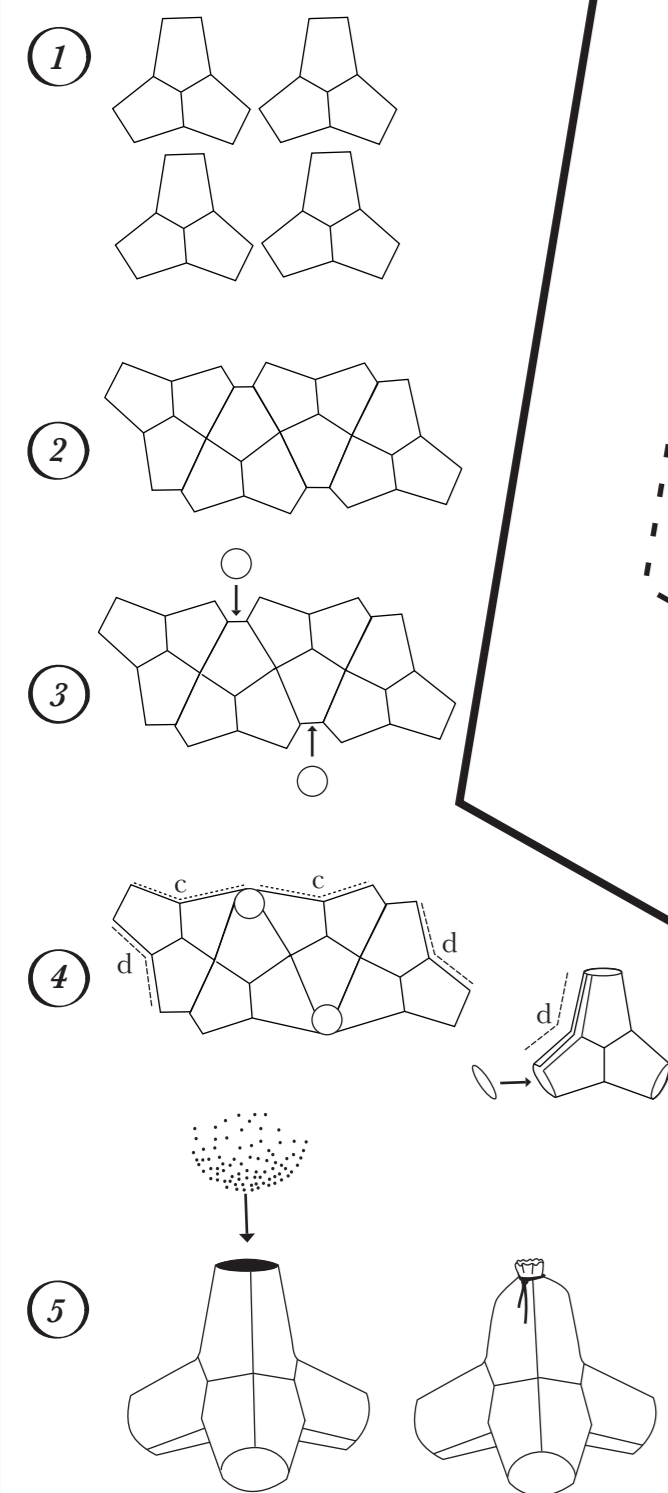


SEWING

The A piece is marked with the seam numbers 1, 2 and 3. Seam 1 are paired together with B pieces. Seams 2 are paired and seams 3 are paired.

More detailed instructions can be followed below.

- 1 Connect 3 of the A pieces by seam 3 so a 3-legged shape is created. Repeat the process 3 times to make 4 x 3-legged shapes.
- 2 Join the 4 3-legged shapes together by seam 2.
- 3 Find the part on the pattern where 3 A pieces are joined. Add 1 B piece to the seams 1. Make sure the edge of the B piece follows the seams the whole way round. Repeat process on the opposite site.
- 4 Connect the seams 2 named c and d (as shown on the illustration) and add a B piece to the seams 1 of the leg, which will now enable the 2 d edges to be connected.
- 5 Join the opposite seams 2 to create a 3rd and 4th leg but leave the seams 1 open for stuffing. The last B piece can be seamed later or the seams 1 can be closed with string or rope.



SIZES

The pattern contains 4 sizes corresponding to 4 four common types of wave breaks. The types are listed below:

Spilling is caused by a nearly horizontal beach, that allows waves to disperse energy gradually.

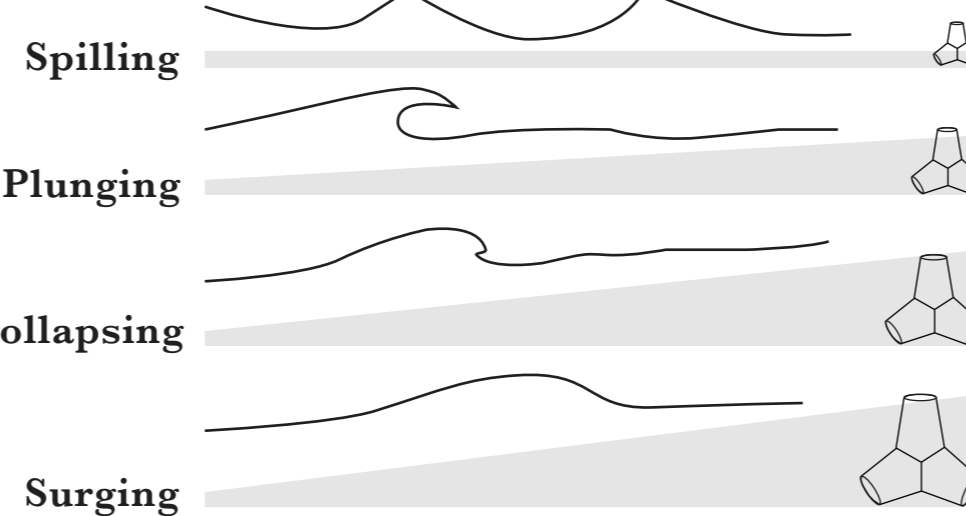
Plunging is seen on moderately steep beach slope, which will give the wave a curling shape.

Collapsing is a cross between plunging and surging.

Surging happens on very steep beaches that makes waves build up and break rapidly at the shore.

The sizes of the Textile Tetrapod Blocks effects the slope and therefore wave break type (i.e. the largest size creates a surging wave break).

Types of wave breaking



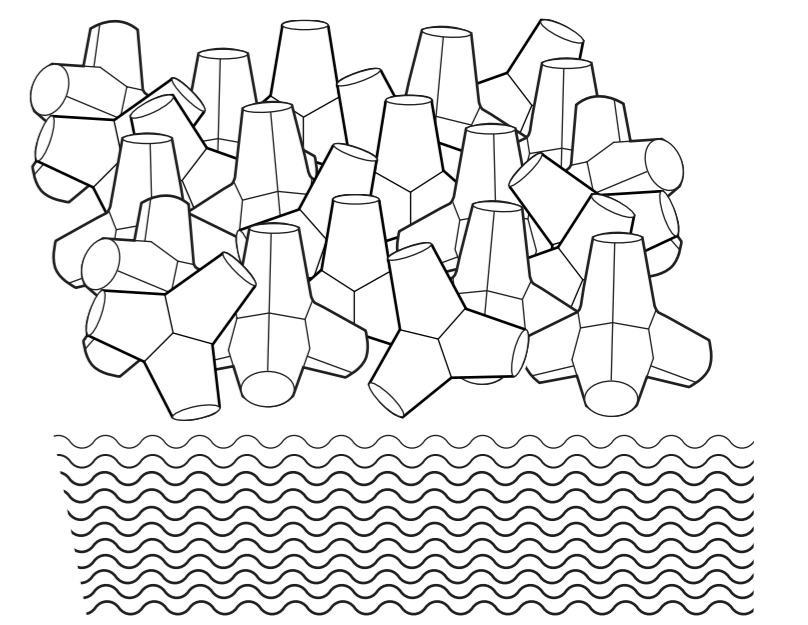
PLACEMENT

FILLING

It is recommended that the Tetrapod Block is stuffed on site, as it will get heavy and difficult to relocate. Please consider using stuffing material found on the coastline in thought of protecting the local environment.

MULTIPLES

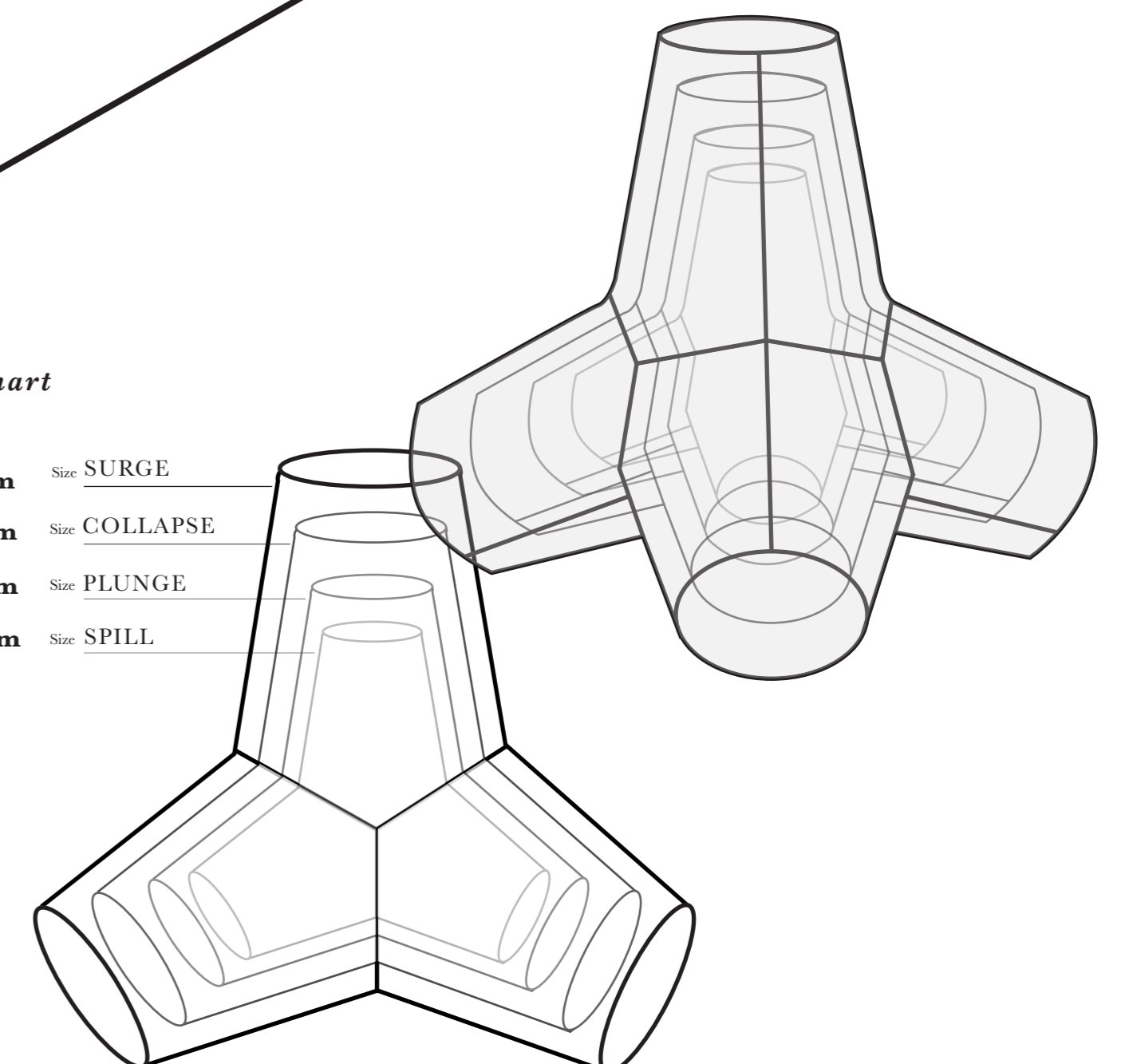
Tetrapod Blocks mutually interlock when arranged in multiples and this reduces displacement. The force of incoming waves is dissipated as the water flow around their form rather than against them.



By following these guidelines for the Textile Tetrapod Block you will create an interlocking barrier that dissipates the power of waves.

Size chart

94cm	Size: SURGE
85cm	Size: COLLAPSE
75cm	Size: PLUNGE
66cm	Size: SPILL



-1-

-2-

-3-

A
✂️ 12x

B
✂️ 4x

