

Sizes

At J&J Carter, we have drawn on our extensive experience of tensile structures to create ecological solutions to environmental problems. As such, we are pleased to present our Eco-Dam; a temporary, recyclable and reusable flood protection barrier that is an effective and efficient alternative to traditional methods of flood protection such as sand bags.

The Eco-Dam is a versatile, water filled barrier that can be used in various ways. It can protect homes from impending floods, act as a cofferdam on construction sites or during the reconstruction of rivers and to create large reservoirs.

It is fabricated from high tensile European produced PVC Coated Polyester. The strength of these materials will vary from 5 tonnes per metre to 9 tonnes per metre.



The Eco-Dam is manufactured using Computer Controlled High Frequency Welding Techniques. This guarantees structural strength and both water proof and gas tight seams.

Height (mm)	10m	20m	35m	50m	Custom Size
600					
1000					
1200					
1500					
1800					
2000					
2500					

Specification

The size of the barrier will determine the grade of fabric used.

As standard all Eco-Dams up to and including 1000mm high are made using a 700gsm PVC. Eco-Dams of 1200mm and higher are made using 900gsm PVC.

Each Eco-Dam contains two inlet ports, two breathers and a minimum of four drain ports. The longer the Eco-Dam, the more drain ports added.



ECO-DAM



Call 01264 721630

www.jjcarter.com

Why Our Eco-Dam?

- Easy to use
- Fast to deploy
- Minimal storage facilities required
- Does not require specialists or mechanical knowledge to install
- Reuseable
- Recyclable
- Sustainable
- Leaves your land intact after use even if deployed on tarmac or concrete
- Easily demountable
- No extensive clean up costs
- Cost effective to purchase and use



Also, the Eco-Dam's patented design includes a central partition which locks into place when the barrier is exposed to uneven water pressure. This ensures stability and stops the barrier rolling whilst allowing the water to move freely inside.

Eco-Dam in Action



Step by Step Guide



1. Unroll Eco-Dams into correct positions

2. Using a hose pump the flood water into the appropriate inlet ports



3. When the breather port is overflowing the inlet ports must be capped off

4. After the flooding has receded the Eco-Dam can be emptied



5. Once dry simply roll the Eco-Dam and store ready for next deployment