GEODESIGN BARRIERS IN THE UNITED KINGDOM

As a country, the United Kingdom was among the first adopters of temporary flood barriers and showed an early interest in finding alternatives to sandbags. The first set of 'Pallet Barrier', as it was called then, was purchased by the Environment Agency in 2001, when the barrier concept was introduced to the UK. Soon thereafter, discussions about the future of flood management started to create demands for our flood barrier. It didn't take long until Geodesign presented the aluminium five bar thread plate as an alternative to the EUR pallet. After having made a great difference during the river Severn flood in 2004, the barriers started to be used more frequently throughout the country.

In May 2003, after thorough testing of what was then the 'EUR125' barrier, Geodesign was awarded the widely recognised quality symbol - the PAS1188-2:2009 Kitemark Licence - for flood protection products by BSI (British Standards Institute), as the first temporary barrier system. Since then, our system has undergone yearly BSI audits of the production line, engineering improvements and financial stability. The Kitemark is used to identify products where safety is paramount and ensures the products meet the requirements of the British Safety Standard.

After many years of successful deployments worldwide and after having provided flood barriers and training to local authorities and energy suppliers in the United Kingdom, Geodesign became the main supplier of temporary flood barriers in the UK. Through a framework agreement with the Environment Agency, Geodesign have delivered tens of thousands of metres of flood barriers and are participating in training exercises with the EA and the British Armed Forces, as and when needed.

Local Authorities as well as major UK power- and utility companies have chosen Geodesign as their preferred flood protection supplier, often protecting critical infrastructure. The United Kingdom has come a long way in its flood management efforts - perhaps further than any other nation - and we are excited to be part of it all, as the future evolves and the flood management work continues to improve.

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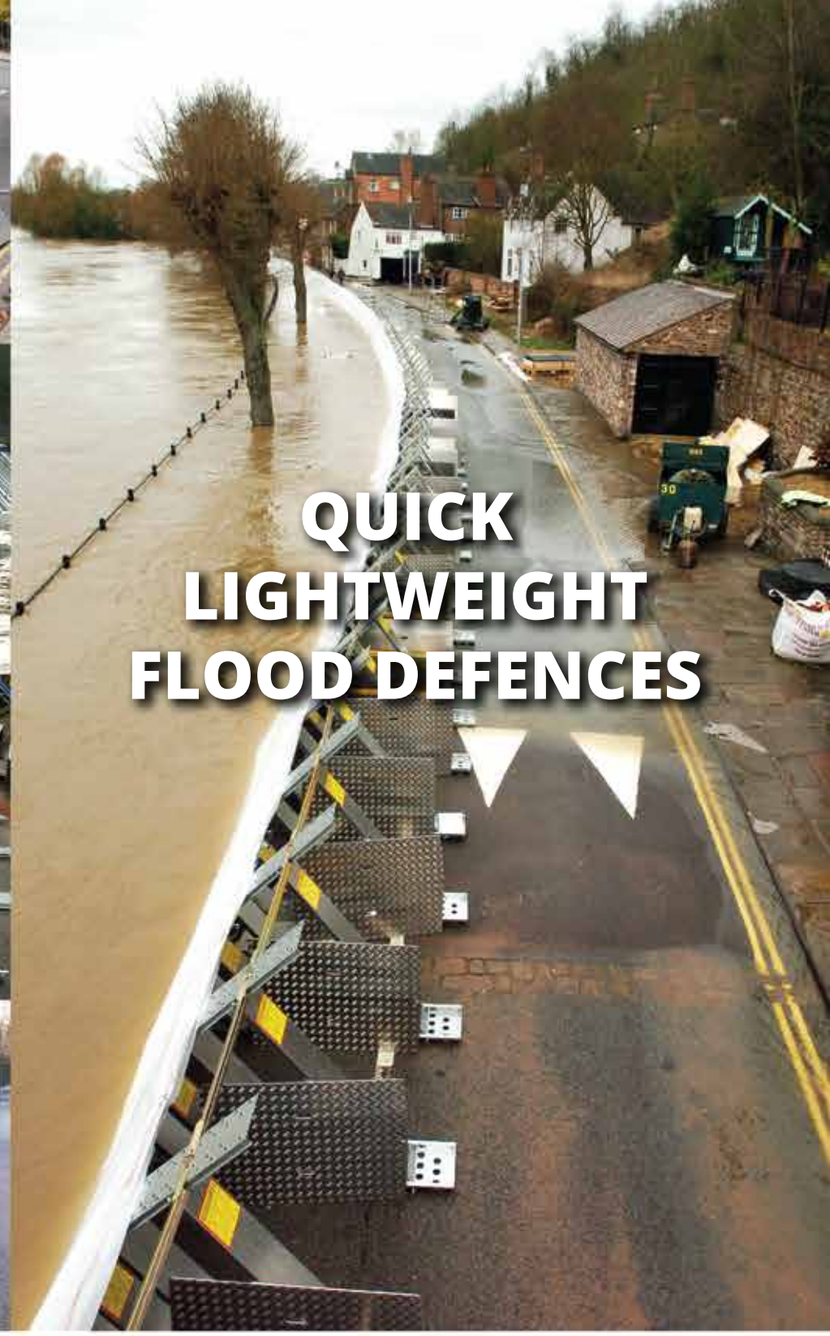


QUICK LIGHTWEIGHT FLOOD DEFENCES

GEODESIGN / BARRIERS

In civil engineering and flood protection

www.geodesignbarriers.com

GEODESIGN FLOOD BARRIERS

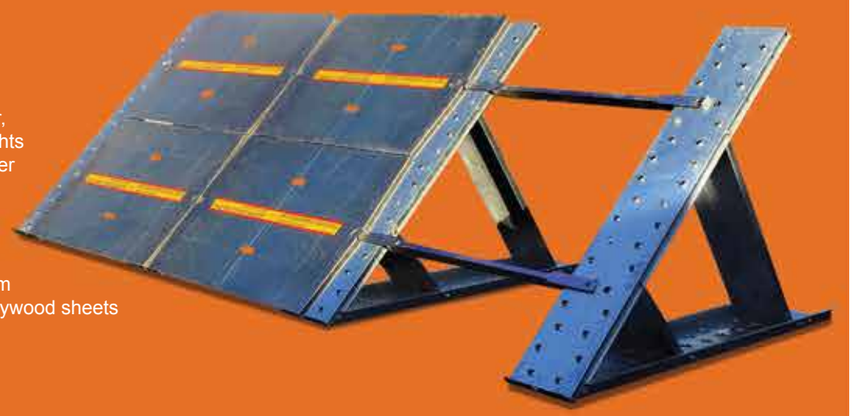
-No ground fixtures, fill materials or tools

Geodesign's temporary flood barriers have been designed to cope with demanding emergency flood deployments. Since the start in 1995, numerous flood engineers, emergency managers, planners and military personnel have contributed with feedback to improve the products to what they are today:

Quick, lightweight and low volume - yet strong durable and versatile.

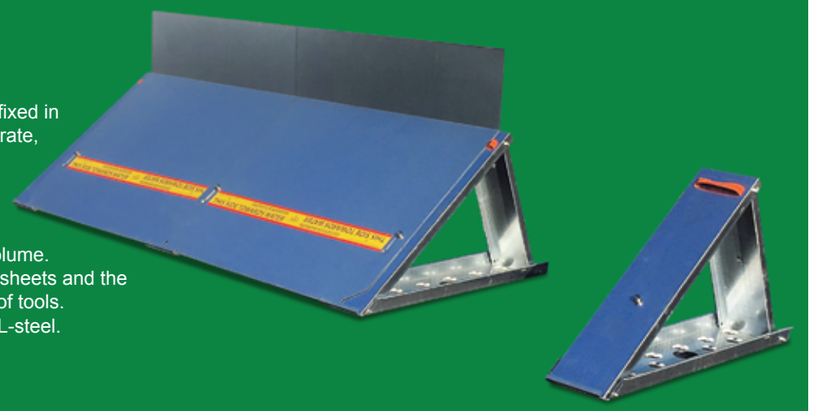
the C-SERIES

Evolved from the classic Geodesign barrier, this robust flood barrier comes in dam heights up to 2.45 metres and is widely used all over the world. The A-frame steel supports are linked together with horizontal connecting rods that absorb the forces from the water and enable a wider distance between the supports. The C-series is extendable in dam height and can also be used with marine plywood sheets or standard EUR-pallets as panels.



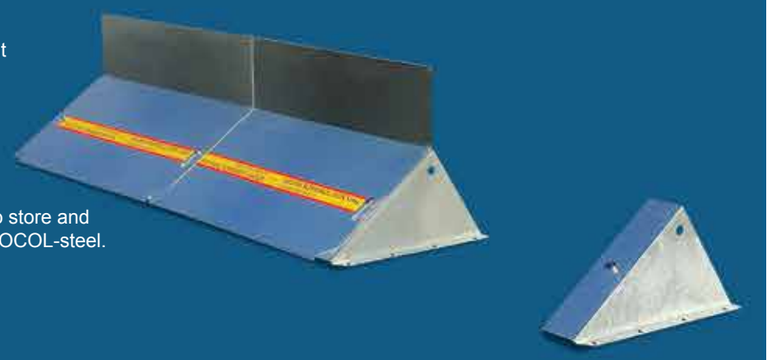
the P-SERIES

This lightweight, quick and easy steel barrier is fixed in height and comes in a volume-optimised steel crate, containing everything needed for a complete installation of the flood barrier. With its new and innovative design, this premium steel barrier optimises dam height and anchoring force in relation to material requirements and volume. The ingenious locking mechanism between the sheets and the support enables a quick set-up without the use of tools. This barrier is manufactured in premium DOCOL-steel.



the E-SERIES

With the supports manufactured in one piece, without joints or axes, the Economy barrier is our most simplified, cost-effective and affordable flood barrier option. It comes in two dam heights, 41 cm and 61 cm, which makes the economy barrier a perfect solution for communities, business- or homeowners who frequently experience low depth flooding.The light supports are stackable and easy to store and transport. This barrier is manufactured in premium DOCOL-steel.



CLASSIC

Model no.	Panel type	Dam height	Installation time (100 m by 6 people)	Total weight (100 m in steel crates)	Storage space (Area to store 100 m)
C122	Alu Thread Plate/ Marine Plywood/ EUR Pallet	122 cm	55 min	5.22 tonnes	4.4 m²
C152	Alu Thread Plate/ Marine Plywood/ EUR Pallet	152 cm	55 min	6.38 tonnes	5.0 m²
C184	Alu Thread Plate/ Marine Plywood/ EUR Pallet	184 cm	1 h 30 min	9.84 tonnes	6.8 m²
C229	Alu Thread Plate/ Marine Plywood/ EUR Pallet	229 cm	2 h 15 min	12.37 tonnes	7.2 m²
C245	Alu Thread Plate/ Marine Plywood/ EUR Pallet	245 cm	2 h 30 min	13.46 tonnes	9.1 m²

PREMIUM

Model no.	Panel type	Dam height	Installation time (100 m by 6 people)	Total weight (100 m in steel crates)	Storage space (Area to store 100 m)
P61	DOCOL 1 mm	61 cm	23 min	1.79 tonnes	1.2 m²
P81	DOCOL 1 mm	81 cm	25 min	2.41 tonnes	1.6 m²
P101	DOCOL 1 mm	101 cm	25 min	2.85 tonnes	1.9 m²
P121	DOCOL 1 mm	121 cm	34 min	4.40 tonnes	2.3 m²

ECONOMY

Model no.	Panel type	Dam height	Installation time (100 m by 6 people)	Total weight (100 m in steel crates)	Storage space (Area to store 100 m)
P61	DOCOL 1 mm	41 cm	15 min	878 kg	1.0 m²
P81	DOCOL 1 mm	61 cm	20 min	1147 kg	1.0 m²