

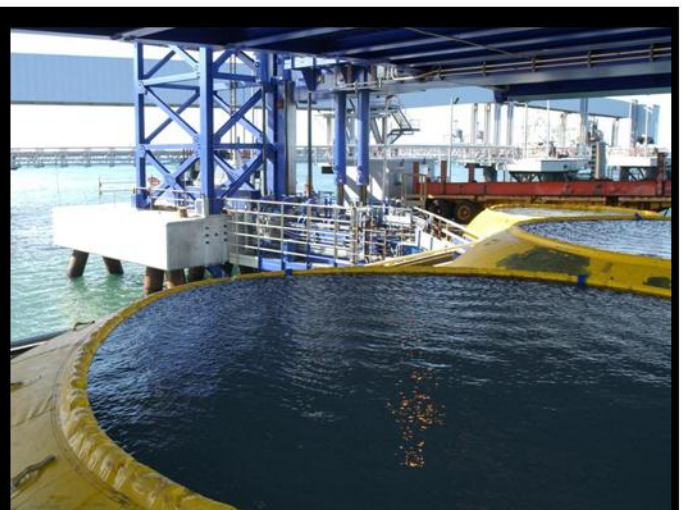
Bridge/Platform/Walkways/Floor & Slab Testing



Water Weights provides specialist products, services and project management for verifying the structural integrity of buildings, bridges, elevators, loading ramps, gangways and decks.

The Water Weights range of flexidams and flexitainers, allows uniform surface loadings to be applied.

- Advantages over traditional solid weights include ease of handling and positioning on site and very low carriage costs.
- Loading is measured by means of a calibrated flowmeter to give accuracy +/- 2% or better.
- By using our simple manifold arrangement several units can be filled simultaneously.
- Gradual application of load under test conditions is essential. This is more easily achieved using Water Weights bags than solid weights.





Product Report



Specific examples of applications include:

- roll-on, roll-off ferry ramps have been tested ranging from 70 to 700 tonnes.
- ballasting arrangements for ship's conversions up to 300 tonnes.
- general floor testing applications to verify structural integrity on renovation, change of use or suspected structural damage, e.g. 130 tonnes to an educational establishment and 40 tonnes to a historical monument.



Water Weights Bridge/Platform/Walkways/Floor & Slab/Testing Bags *Denotes enclosed bags

Capacity	1 ton*	5 ton*	8 ton*	25 ton	35 ton	100 ton
Length Filled	3.0	2.5	3.0	4.15	-	8.4
Height Filled	0.3	0.95	0.9	2.5	1.5	1.8
Width Filled	1.3	2.5	2.8	4.15	-	8.4
Base Size Round Dams Dia.	-	-	-	-	5.85	-
When Empty & Rolled Length	0.5	0.75	1.0	1.5	1.5	2.75
Width Empty	0.3	0.8	0.8	0.9	0.95	1.3
Height Empty	0.3	0.8	0.8	0.9	0.95	1
Empty Weight (Kgs)	10	20	40	55	60	330

The above specifications apply to the standard range. A wide variety of bags can be designed, engineered and manufactured to meet specific needs or applications.

Bags should never be loaded beyond their rated capacity.

Water Weights Ltd, Tern Place, Bridge of Don, Aberdeen AB23 8JX United Kingdom
Tel +44 (0)1224 820022 **Fax** +44 (0)1224 824808 **Web** www.waterweights.com

Water Weights Ltd, 7 Vanguard Road, Gapton Hall Industrial Estate, Great Yarmouth NR31 0NT United Kingdom
Tel +44 (0)1493 442591 **Fax** +44 (0)1493 442535 **Web** www.waterweights.com

Water Weights Ltd, Unit D1, Portfield Industrial Estate, Nevil Shute Road, Portsmouth PO3 5RX United Kingdom
Tel +44 (0)2392 655680 **Fax** +44 (0)2392 699813 **Web** www.waterweights.com

Water Weights Europe BV, Leeghwaterstraat 23A, 3364 AE Sliedrecht, The Netherlands
Tel +31 (0)184 430190 **Fax** +44 (0)184 421900 **Web** www.waterweights.nl