

DRINKING WATER SAFE BAFFLE CURTAINS

Baffle Curtains are an efficient and simple solution to improve the flow patterns of water in storage and treatment reservoirs by reducing the 'dead zones' and stagnation. Our baffle curtains are made to suit the space and installed by our experienced team.

We have a great track record supplying and fitting baffle curtain systems in storage reservoirs and water treatment plants around the country. The baffle curtains are fabricated off site in our workshop to minimise downtime of the reservoir during installation. We offer both supply and installation or supply only options.



Materials Used

All materials used in our baffle curtain installations meet the DWI Approved Products listing.

- Our Baffle Curtain material 1.5mm (Flag S.p.a, Flagon Geo P/AT Geomembrane – DWI Approval No. 56/4/856) is included in section C.4, page 46 of the list. It has a smooth, non-absorbent surface and is resistant to bacteria, fungi and micro-organisms. It can be power hosed down, if required, as part of cleaning/maintenance works within the reservoir.
- Our PVC-U Pipes are manufactured by Durapipe UK (Grey PVC-U, NGS – DWI Approval No. 56/4/937) and are included in section B.1.3, page 23 of the list.
- We don't usually need to use solvent cements with the Pipes & Fittings but if required, we use Durapipe RH-PVC-U Solvent Cement which is approved by the Water Regulations Advisory Scheme (WRAS) – Approval No. 1405574.
- Our Polypropylene Baffle Curtain tensioning straps fall under materials which are not submerged in drinking water and have been tested in accordance with DWI Advice Sheet 8 and satisfy the criteria set out in BS 6920:2000 "Suitability of non-metallic products for use in contact with water intended for human consumption with regard to their effect on the quality of the water".
- Our anchor bolts, eye bolts, battens, brackets, wire rope, wire rope grips and rigging screws are all 316 stainless steel and meet the criteria of Reg. 31.

Predicted Service Life

The predicted service life of our Baffle Curtains is in excess of 50 years in a potable water reservoir.

Reference Projects:

An Baile Mor WTP – Co. Kerry
An Fheothanach WTP – Co. Kerry
Annagh WTP – Co. Cavan
Ardan WTP – Co. Offaly
Ardcarrig WTP – Co. Kildare
Ballynolan WTP – Co. Carlow

Camp WTP – Co. Kerry
Carrigbyrne WTP – Co. Wexford
Ceann Tra WTP – Co. Kerry
Clonaslee WTP – Co. Laois
Commons WTP – Co. Tipperary
Dunquinn WTP – Co. Kerry
Monagear WTP – Co. Wexford

Raheenleigh WTP – Co. Carlow
Royal Oak WTP – Co. Carlow
Staleen WTP – Co. Meath
Stillorgan Reservoir – Co. Dublin
Stooke Reservoir – Co. Tipperary
Thurles Regional WSS – Co. Tipperary

To organise a site visit, quote, more information or just advice about your reservoir needs, please don't hesitate to contact us on 051 294 090 or info@geoline.ie.

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