

Greenseal Rubber – What Thickness?

When selecting the thickness of our Greenseal EPDM liners for your pond or lake there are a couple of basic things to consider which may help in the selection process. These are merely to be used as a general guideline please contact us direct to discuss any unique requirements.

- 1) Intended application i.e. swimming pond , ornamental pond, dipping pond
- 2) Size of pond
- 3) Shape of pond
- 4) Threat of animal damage
- 5) Using protective matting / sand / carpet

Swimming ponds will require a 1.00mm liner. For ornamental ponds usually 0.75mm /0.85mm thick will suffice unless there is a possible threat of animal damage. On dipping ponds for schools we generally suggest a 1.00mm liner, as some kids generally try to “bludgeon” unsuspecting animal life - so a little extra protection is generally worth it.

Regards the size or shape of a pond – if you had a very small 2.0m x 3.0m rectangular pond and were intending to use a flat sheet as opposed to our tailored liners , then we would suggest the thinner the material the better, as the folds would be less pronounced and it would be easier to mold into corners / substrate.

The possible threat of animal damage often needs to be considered. If you had a large dog that loves water then damage often occurs to the liner by the dogs hind paws - if they are trying to exit the pond on a sharp incline / vertical – hence our 1.00mm thick material would be the only option in these cases unless a protective.

If the pond / lake is on an exposed site i.e. farm we generally recommend a protective geotextile overlay (which is buried) be used around the circumference of the pond. The slope gradient / edge detailing is important at the planning stage.

If using sand we generally suggest either the 0.85mm / 1.00mm thick material as sand is an abrasive substance – remember sand is pretty useless on a slope as generally ends up at the bottom of the slope leaving the liner exposed – so we would suggest either a geotextile or carpet in this instance.

Flexible Lining Products is a trading style of Greentech Ltd.
Rabbit Hill Business Park, Great North Road, Arkendale, Knaresborough HG5 0FF
UK. Tel: +44 (0)1423 332100 **Fax:** +44 (0)1423 332101
Email: sales@green-tech.co.uk **Web:** www.green-tech.co.uk

FLP endeavour to ensure that the information given on this technical data sheets is accurate, but accept no liability for its use or suitability for particular application.