



## Comparative Costings for Canal Liners

Feedback following the Restoration conference held in Birmingham 25<sup>th</sup> April 2015

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### Notes:

1. Costings are based on a rate per square metre
2. Rates are for the material only
3. Laying costs are not included
4. Preparation costs for the formation are not included
5. Protection systems and geotextiles are not included
6. The costings are approximate and indicative only and are for comparative purposes. For accurate costing of materials the Suppliers must be contacted for a quotation.

### Lining Materials:

#### Reinforced Concrete:

Thickness 200mm, 2 layers of A393 mesh reinforcement, all joints, assumed no shuttering, sloping side slopes  
£47/m<sup>2</sup>

#### PVC (polyvinylchloride):

£7/m<sup>2</sup>

#### PE (polyethylene):

£6 m<sup>2</sup>

#### Bentonite Geomembrane

Rawmat HDB hydrated:  
£8/m<sup>2</sup>

Dry granular bentonite  
£6/m<sup>2</sup>

#### Bituminous Geomembrane, Colas Coletanche:

£12/m<sup>2</sup>

#### Acrylic impregnated geotextile, Sahara:

£6/m<sup>2</sup>

### Protection systems:

Graded stone rip rap layer, 200mm max size down to 5mm, 300mm thick

£15m<sup>2</sup>

Mass concrete, polypropylene fibre reinforced 100mm thick

£12/m<sup>2</sup>