

**CLIENT SAMPLE DATA FORM
GEOMEMBRANES / GEOSYNTHETIC LINERS
GEOCOMPOSITES / GEOTEXTILES**



www.acsanalysis.co.uk

Results required by :
 Customer order no. :
 Client :
 Contract :
 Source of material : Client sample reference :
 Material Thickness / Type : Site location :
 Batch number : Roll number :
 Date sampled : Sampled by :

REQUIRED ANALYSIS (Tick required analysis & quantity)

| <u>GEOMEMBRANES</u> | Tick | No. |
|---|------|-----|
| Asperity Height <i>GRI METHOD GM12</i> | | |
| Carbon Black Content <i>ASTM D1603</i> | | |
| Carbon Black Dispersion <i>ASTM D5596</i> | | |
| Density <i>ASTM D1505</i> | | |
| Dimensional Stability <i>ASTM D1204</i> | | |
| Puncture Resistance <i>ASTM 4833</i> | | |
| Integrity of Field Seams <i>Extrusion Peel 5 no / Shear 5 no.</i> | | |
| ASTM D4437 / D6392* <i>Fusion Peel 10 no / Shear 5 no.</i> | | |
| Melt Flow Index <i>ASTM D1238</i> | | |
| Notched Constant Load <i>200hr test</i> | | |
| ASTM D5397 <i>Or 300hr test</i> | | |
| Tear Resistance <i>ASTM D1004</i> | | |
| Tensile Properties <i>*ASTM D6693 / D638</i> | | |
| Thickness <i>*ASTM D5994 / D5199</i> | | |

| <u>GEOSYNTHETIC LINERS</u> | Tick | No. |
|---|------|-----|
| Bentonite Content <i>METHYLENE BLUE API RP131</i> | | |
| Fluid Loss <i>ASTM D5891</i> | | |
| Free Swell <i>ASTM D5890</i> | | |
| Grab Breaking Load <i>ASTM D4632</i> | | |
| Index Flux <i>ASTM D5887</i> | | |
| Hydraulic Conductivity <i>ASTM D5887</i> | | |
| Moisture Content | | |
| Montmorillonite (Bentonite) Content <i>XRD</i> | | |
| Peel Strength <i>ASTM D6496</i> | | |
| Mass per Unit Area <i>ASTM D5993</i> | | |
| Puncture Resistance CBR <i>BS EN ISO 12236</i> | | |
| Tensile Properties <i>BS EN ISO 10319</i> | | |

| <u>GEOCOMPOSITES</u> | Tick | No. |
|--|------|-----|
| Mass Per Unit Area <i>BS EN ISO 9864</i> | | |
| Puncture Resistance <i>BS EN ISO 12236</i> | | |
| Thickness <i>BS EN ISO 9863-1</i> | | |
| In Plane Water Flow <i>Machine direction</i> | | |
| BS EN ISO 12958 <i>Cross direction</i> | | |
| Hydraulic gradient(s) | | |
| Test pressure(s) (kPa) | | |

| <u>GEOTEXTILES</u> | Tick | No. |
|---|------|-----|
| Apparent Opening Size <i>BS EN ISO 12956</i> | | |
| Cylinder Test <i>ENVIRONMENT AGENCY METHOD</i> | | |
| Grab Breaking Load <i>ASTM D4632</i> | | |
| Mass per Unit Area <i>BS EN ISO 9864</i> | | |
| Perf. Resistance (Drop Cone) <i>BS EN ISO 13433</i> | | |
| Puncture Resistance CBR <i>BS EN ISO 12236</i> | | |
| Trapezoid Tear Strength <i>ASTM D4533</i> | | |
| Tensile Properties <i>BS EN ISO 10319</i> | | |
| Thickness <i>BS EN ISO 9863-1</i> | | |
| Water Flow – Normal to the Plane <i>BS EN ISO 11058</i> | | |
| In-Plane Water Flow Capacity <i>BS EN ISO 12958</i> | | |

* Delete as appropriate

Report address :

 For the attention of :
 Telephone number : Fax number :

I hereby request ACS Testing Limited to analyse the aforementioned samples in accordance with the data provided above

Signed : Print : Date :

ACS USE ONLY

Laboratory reference no : No of samples received :
 Remarks :
 Received by : Date received :

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*Quality Testing & Materials Consultancy
 to the
 Construction Industry*