A specialist, unbound backfill material for electricity cable installations. Thermosand is used in the design of naturally cooled cable circuits of both low and high voltage, with extensive use in the immediate vicinity of the cable.

**applications:**
- Cable installation surround and backfill

**technical information**

<table>
<thead>
<tr>
<th>properties</th>
<th>category to ENA TS 97-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>grading</td>
<td>&gt;95% passing a 5.0mm BS sieve</td>
</tr>
<tr>
<td>dry relative density</td>
<td>1.6Mg/m³ or higher</td>
</tr>
<tr>
<td>thermal resistivity – unbound form</td>
<td>2.7Km/W or below</td>
</tr>
<tr>
<td>cohesion (annex c)</td>
<td>pass</td>
</tr>
</tbody>
</table>

**application**

**specifications**
The material is sourced and tested to meet the requirements of ENA TS 97-1.

**certification**
Materials can be supplied with a certificate of conformity to the relevant standard, if requested.

**material types**
Approved sand or sand/aggregate blend or sand /aggregate /cement blend

**national delivery**
Specially selected aggregates available nationwide.

**meets ENA TS 97-1**
The material is sourced and tested to meet the requirements of ENA

**high thermal conductivity**
ThermoSand conducts heat effortlessly and at very high levels

**consistent grading, density and shape**
ThermoSand maintains a consistent grading, density and shape - no shifting once compacted

**rapid heat dissipation**
Dissipates heat rapidly - keeping your underground cables cool