

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



## 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

## technical information

properties	category to ENA TS 97-1
grading	>95% passing a 5.0mm BS sieve
dry relative density	1.6Mg/m <sup>3</sup> or higher
thermal resistivity – unbound form	2.7Km/W or below
cohesion (annex c)	pass

## application

For laying guidelines, please refer to the Engineering Construction Standard 'Installation of Underground Cables – LV to 132KV' written by UK Power Networks (Document Number: ECS 02-0019, Version 10.0).

## 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.