

Heidelberg Materials PowerSand

Technical data sheet

Heidelberg Materials PowerSand is a 'selected sand' as defined in ENA TS 97-1.

It is obtained from approved selected sources and chosen on the basis of density and cohesion characteristics to provide a maximum dry state thermal resistivity of 2.7km/W.

It is used in the installation of underground electricity cables due to its low thermal resistance.

Benefits

- Keeps cables cool due to low thermal resistance
- Consistent for ease of use and ultimate performance
- National availability
- UKAS test certificates available if requested
- Meets or exceeds the requirements of ENA TS 97-1

Properties	Clause	ENA TS 97-1 requirement	Compliance status
Particle size distribution	6.1.2	Minimum 95% passing a 5mm sieve BS sieve	Pass
Dry relative density	6.1.3	Minimum of 1.6mg/m ³	Pass
Cohesion	6.1.4	Test to Annex C (P or F)	Pass
Thermal resistivity	6.1.1	Maximum of 2.7km/W	Pass

For guidance on application and installation we recommend that the contractor follows the process outlined in 'Document ECS 02-0019 Installation of Underground Cables 0 LV to 132KV'.

Further information

Contact enquiries@uk.heidelbergmaterials.com

Further copies of this technical data sheet may be obtained from Heidelberg Materials UK