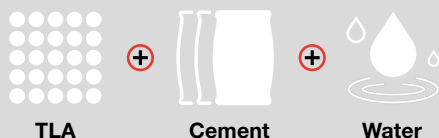


energystore TLA® combines eps beads coated in a specially formulated additive with cement and water to create a pourable insulation.



Other product grades are available for achieving alternative performance requirements.

Manufactured under licence from **Edilteco SpA**



A2 - S1, d0
Reaction to Fire.



High Strength
poured insulation.



No on-site TLA
storage or waste.



<0.5% drying
shrinkage.



No gaps or breaks
in insulation layer
that may cause
performance issues.



10 year insurance
backed guarantee.

Technical Characteristics

Performance*

Bead Size	2mm - 8mm
Bead Density	12 kg ± 2 kg / m ³
Cement Bulk Density	250 kg / m ³
Target Wet Density	415 kg / m ³
Dry Density	265 kg / m ³
Reaction to Fire	A2 – s1, d0
Declared Thermal Conductivity (λ_D)	0.065 W/mK
10% Compressive Strength	800 kPa
Shrinkage	<0.5%
Flexural Strength	460 kPa
Acoustic Performance	14dB*
Impact Noise Insulation	61dB**

* Manufactured and tested under BS EN 16025-1:2013

** Obtained in a lab using 5cm TLA + 5cm screed

*** Below 11cm thick TLA layer

For further info contact our technical department

Mail tla@energystoreltd.com

Call [0800 085 6687](tel:0800 085 6687)

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Typical Applications

- High Strength Void Former.
- Suitable for flat and sloping roofs.
- Suitable to apply underfloor heating systems (UFH) directly on top.
- Suitable for ground bearing and suspended floors.

Points for Consideration

For detailed information please refer to the product installation manual.

energystore TLA® must be installed by approved installers in accordance with installation guidelines.

Cement quality – minimum grade Portland 32.5 Cem I or Cem II.

Typically suitable for foot traffic 24-48 hours after installation*.

Typical drying time is 10mm per day.

Minimum thickness 50mm. For depths below 50mm please contact our technical department.

For suitability of finishing screeds applied above energystore TLA® please check with screed manufacturer or installer.

** External factors dependant such as weather.*

We take every step to make sure that the information in this document is correct and accurate at the point of publication. To ensure you are viewing the most recent and accurate information please visit www.energystoreltd.com. For historical versions of this document please contact info@energystoreltd.com.