

THERMOZELL

eco 400 speed

PRODUCT DATA SHEET

Ready for covering
in 24 hours
Simplest Processing
100% EPS recycle
Perfect
insulating properties
Robust, resilient &
resistant

The optimal EPS high-performance leveling bulk for professionals and do-it-yourselfers – available in 80-liter bags. Certified and approved since 1995.

Ready-to-use lightweight concrete mix with pre-dosed binder and refined EPS* recycled granulate.

Approval: ETA-24/1179



Application 3 in 1



Level compensation

Installations, vaulted and timber beam ceilings, slopes, etc



Foundation

Screeds, tiling, underfloor heating, terrace, etc



Backfill

Wall, ceiling, pool, etc

Fast readiness for covering

– approx. 24 hours
(at 20° C and 65 % relative humidity)

Construction height

– at least 3 cm

Yield

– 1 bag yields approx. 80 liters of readymixed lightweight concrete

Processing time and temperature

– at least 15 minutes at 20° C
– not under 5° C

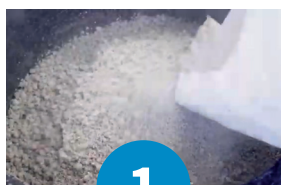
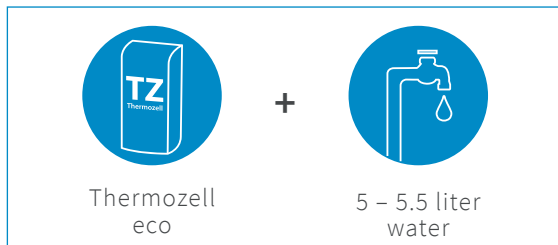
Suitable mixing equipment

– hand mixer, screed pump, compulsory mixer, free-fall mixer

High Performance Levelling Compound

Type 400

Processing



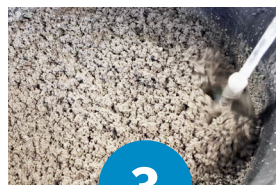
1

Place the material in a bucket and mix dry



2

Slowly add the required amount of water according to the mixing instructions



3

Mix the compound thoroughly



4

Apply at the desired height, spread, level – done!

Technical data

Declared value of thermal conductivity λ_D [W/(mK)]	0.104
Design value of thermal conductivity λ_B [W/(mK)]	0.113
Bulk density of fresh mortar [kg /m ³]	ca. 420
Dry bulk density of bound EPS [kg /m ³]	ca. 390
Compressive strength [kPa]	360
Water vapor diffusion resistance factor [μ]	17
Fire behavior	A2-s1, d0 (thickness \geq 40 mm)
Binder content [kg /m ³]	250.00

Storage

- The bags must be protected from UV radiation and heat and stored in a dry place
- Maximum storage time: 6 months

Packaging units

- 1 bag = 80 liters
- 1 pallet = 15 bags (1.2 m³)

Other instructions

- Mix only whole bags
- No compaction necessary
- During planning and installation, the standards and guidelines

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