

THERMOZELL

eco 400

PRODUCT DATA SHEET

Simplest Processing
100% EPS recycle
Perfect insulating properties
Robust, resilient & resistant



The optimal EPS*
high-performance leveling
bulk for the do-it-yourselfer.
Ecological and economical.

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

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Application 3 in 1



Level compensation

Installations, beam ceiling, vault, slope, etc



Foundation

Screeds, tiling, underfloor heating, etc



Backfill

Wall, ceiling, pool, etc

Ready for covering

– approx. 10 days (depending on <12 % CM measurement/construction climate)

Construction height

– at least 3 cm

Yield

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

Processing time and temperature

– at least 25 minutes at 20° C
– not under 5° C

Suitable mixing equipment

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

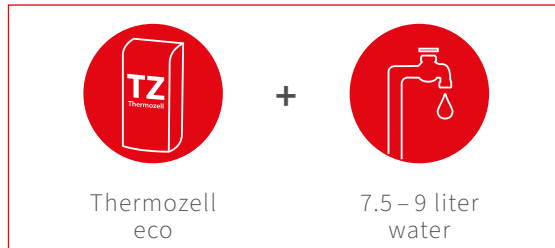
Ready Mix

Type 400

Ready Mix

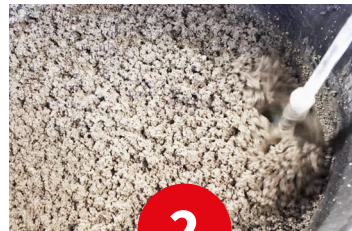
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Processing



1

Add water according to mixing recipe



2

Mix the mixture thoroughly



3

Apply, spread, peel off - done!

Technical data

Design value of thermal conductivity	0.090 W/mK
Bulk density of dry mixture	210 kg/m ³ ± 5 %
Bulk density of the fresh concrete mortar	325 – 375 kg/m ³
Dry bulk density of the bound EPS	250 kg/m ³ ± 10 %
Compressive strength	200 kPa
Water vapor diffusion resistance	μ = 7
Fire behavior	E
Binder content per m ³	187.5 kg

Storage

- The bag must be 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 of the respective country must be observed

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