

EPS Industries
Insulation lightweight concrete

Cement-bound levelling insulation for
substructures

Ready mix type in a 100 liter bag



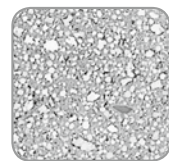
Sympor LB 150: Expert mix in a 100 liter bag

Product specification:

Sympor lightweight concrete is a fast curing cement bound levelling insulation with recycled EPS-foam beads, catalyser and activator. It is suitable as substructure and floor levelling as well as fillings.

Properties:

- Low weight
- Breathable
- Flame retardant
- Frost resistant
- Water-insensible
- High traffic load
- Guaranteed HBCD-free!



Technical data:

	Standard	Sympor LB 150	Sympor LB 150 S
Dry bulk density:	EN 1097-3	150 +-10% kg/m ³	150 +-10% kg/m ³
Compressive strength:	EN 826	0,1 N/mm ²	0,1 N/mm ²
Heat conductivity: λ	EN 12667	0,06 W/mK	0,06 W/mK
Fire behaviour:	EN 13501-1	Euroclass E	Euroclass E
Vapour diffusion:	EN 16025	μ = 7	μ = 7

Curing:

LB 150: walkable and coatable after 1-2 days

LB 150 S: walkable after 3 hours, coatable after 24 hours

(Specifications for 20°C and 65% relative humidity)

Storage:

Store dry

LB 150: max. 6 months

LB 150 S: max. 3 months

Yield:

1 bag provides about 100 litres of finished lightweight concrete.



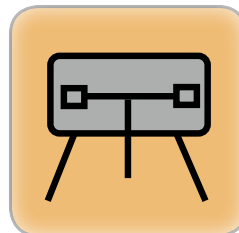
Suitable mixing devices:



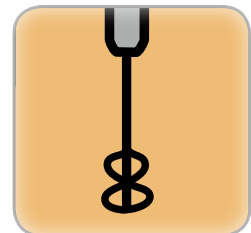
Screed pumps



Lightweight concrete mixer LB-Mix 100



Pugmill mixer



Stirring unit



Processing:

Add the specified amount of water (according to bag specification) to the lightweight insulation concrete and mix it thoroughly.

If there is a homogenous mixture, stop mixing. Long mixing results in increased pore formation reducing strength.

The minimum installation thickness for larger surfaces is approximately 5 cm.



Processing time, processing temperature:

Approximately 30 minutes at 20°C. Not applicable below 5°C air and object temperature.

Delivery:

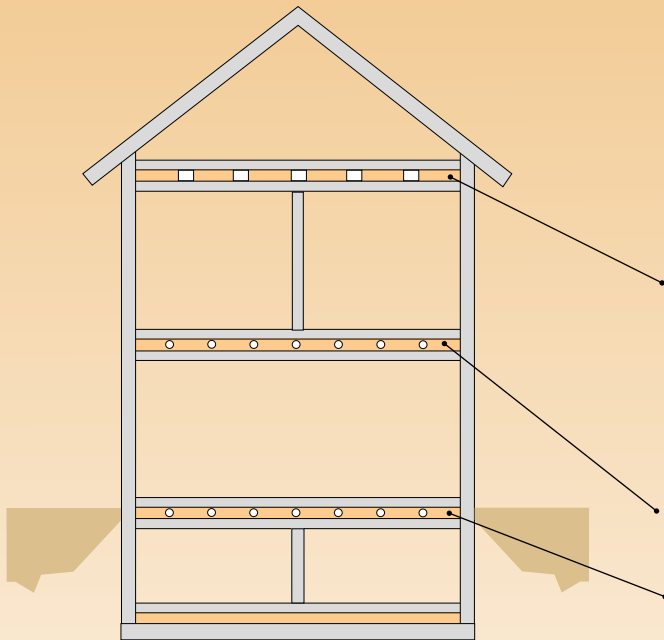
Packing unit: 12 bags/pallet

Europallet 120 x 80 x 120 cm

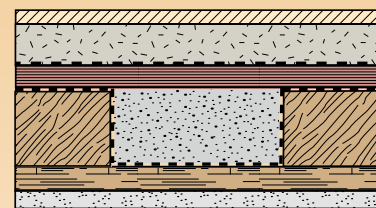
1 pallet = 1,2 m³



Installation examples

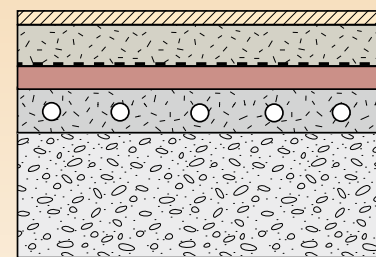


Wood-beamed ceiling



- Coating
- Screed
- PE-Foil
- Thermal insulation, impact sound insulation
- PE-Foil
- Wooden ceiling /
EPS-lightweight concrete
- Wooden casing
- Plasterboard

Floor levelling



- Coating
- Screed
- PE-Foil
- Thermal insulation, impact sound insulation
- EPS-lightweight concrete
- Concrete ceiling - bare ceiling