

# EPS insulation board

## weberfloor Comfort Lite 50 mm



Ready for use heat and impact sound insulation board from quality-controlled polystyrene foam EPS that enables a resilient sound insulation layer.

- Covered by tear and waterproof overlapping tissue foil with printed grid.

### Applications

weberfloor Comfort Lite insulation board enables a fast reacting floor with a floor heating for tenement buildings and terraced houses when used with Weber's floor screeds.

The weberfloor Comfort Lite insulation board together with a Weber pumpable floor screed fulfills the standardized impact sound pressure level requirement ( $L'_{nT,W} + C_{1,50-2500} < 53$  dB) given by the Ministry of the Environment (regulation 796/2017).

### Substrate

The substrate must be firm, clean and dry. Bigger deviations in the substrate should be smoothed out with a screed. Install the **weberfloor 4960** insulation strips against all vertical structures and penetrations, such as sewers, water and heating pipes etc. Install needed stoppers for the pump work and seal all the necessary places for compactness before the application of screed. Apply the **weberfloor 4945** Fiberglass mesh with an overlap of min. 50 mm.

Install the floor heating pipes on the insulation sheets for example with weberfloor Comfort Lite Clip T2 -pipe clips. Spread the Comfort Lite -rolls and attach the sheet rolls to each other with the glue strip provided within the insulation sheets.

### Work instructions

Machine apply the **webervetonit 130 core** Self Level Comfort (min. of 40 mm with 17 mm pipes). As the floor heating pipes are completely separated from the screed, the floor heating can be connected at a luke warm (+15...+20 °C) temperature even during the pumping or be connected immediately thereafter. Let the screed set for at least 24 h before eventually raising the water temperature. Avoid water temperatures above +35 °C until the floor covering is installed.

### Practical advice

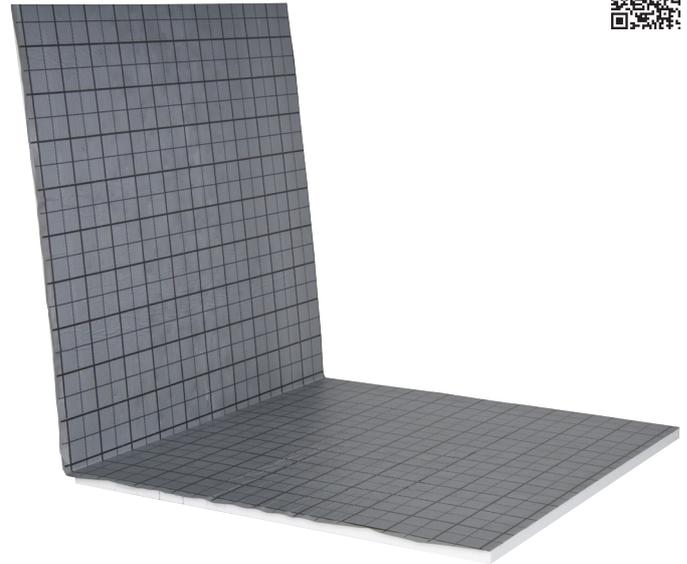
Shut off the floor heating at least a day before tiling or glueing covering materials onto the floor. Let the tile fix or glue set properly until connecting the floor heating again. Additional information to be found on [www.fi.weber](http://www.fi.weber)

### Please note!

Avoid drilling, screwing or nailing into the floor. Fix thresholds and cupboards by glueing. Ensure that the parquetry layer or tile setter does not assemble the floor covering material towards any pipes or supporting walls. This would spoil the impact sound reduction.

### Disclaimer

Restrictions on the use of the product: cf. Weber's design and work instructions and the general delivery terms.



### PRODUCT DESCRIPTION

Length	2000 mm
Width	1000 mm
Depth	50 mm
EPS designation code	EPS 045 DES sm 4,0 kPa 50-3 mm MK
Thermal conductivity	$\lambda_{D_0}$ 0,042 W/m.K (measured $\lambda = 0,045$ W/m.K, according to the standard DIN 4108-4 (Z-23.15-1402))
Reaction to fire (for exposive situations)	E
Flexural strength	BS50: $\geq 50$ kPa
Dimensional stability	DS(N)5: $\pm 0,5\%$ (Dimensional stability under constant normal laboratory conditions)
Dynamic stiffness	15-2: $\leq 30$ MN/m <sup>3</sup> 20-2 and 25-2: $\leq 20$ MN/m <sup>3</sup> 30-3: $\leq 15$ MN/m <sup>3</sup> 35-60-3: $\leq 10$ MN/m <sup>3</sup>
Compressibility	CP2: $\leq 2$ mm / CP3: $\leq 3$ mm according to thickness.
Package	Package contains 4 boards á 1000 mm x 2000 mm (a total of 8 m <sup>2</sup> per packet)
Product certifications	CE

