

# Underlayerment for all floor types



## Tuplex quality underlayerment products

Tuplex is a breathing, flexible and durable floor base material. Whether you need a moisture barrier or a breathable underlayerment, Tuplex is the answer. Tuplex has an option for all floor types, parquet, laminate and vinyl (LVT) flooring.

### Moisture doesn't belong to the floor

Tuplex Air Flow system blocks the moisture and helps it to evaporate. Tuplex products meet the requirements for impact sound reduction. They hold their shape under the load and have a consistency that forms itself to the sub-floor. Tuplex products have excellent PC values and they eliminate slight variations providing an even and firm support to the flooring.



[www.tuplex.com](http://www.tuplex.com)

**JACKON**  
FINLAND



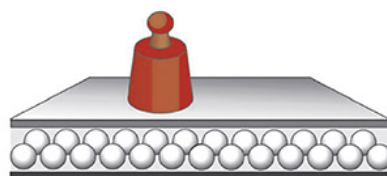
## Product quality matters – Best choice for your floor!

Tuplex products are especially designed to fulfil the requirements of underlayment. They are created with careful product development to make perfect combination of characteristics such as acoustic properties, compression strength and levelling the subfloor. With Tuplex you can make sure that your floor lasts through the years in excellent shape.



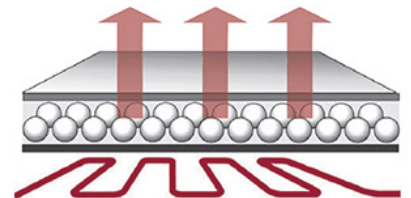
### IMPACT SOUND REDUCTION

Tuplex products have excellent acoustic properties. They reduce impact sound and walking sound to the apartments below.



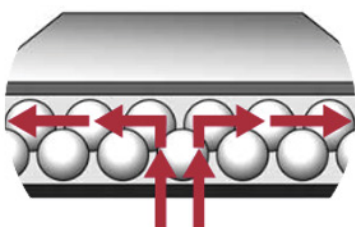
### EXCELLENT COMPRESSIVE STRENGTH

Tuplex holds in its shape under a load of 18 kPa – Extremely strong Tuplex LVT even up to 200 kPa!



### IDEAL WITH FLOOR HEATING

Tuplex has a low thermal resistance that makes it ideal to use with a floor heating system.



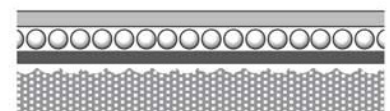
### VENTILATION EVAPORATES MOISTURE

Special structure consisting of EPS beads and PE films generates ventilation that prevents mould formation under the floor.



### THIN, SAFE AND CE MARKED PRODUCTS

Polyethylene and polystyrene are stable and safe materials, generally used in food packaging industry. Emission class M1.



### LEVELS THE SUBFLOOR

Tuplex forms itself to the subfloor, eliminating slight variations and providing an even and firm support to the flooring.



### TUPLEX

Tuplex is an underlayment for parquet floors with a moisture barrier. It's made of low emissions safe synthetic materials. The unique structure of plastic films and EPS-beads generates the ventilation so that the moisture can evaporate.



### TUPLEX LVT (Patent pending)

Tuplex LVT is a new product with amazing qualities: being only 1,1 mm thick it's excellent under laminate or vinyl floors. With high density EPS, Tuplex LVT has a compressive strength of 200 kPa.

## How to choose the right Tuplex underlayment?

Tuplex and Tuplex LTV are excellent products when the moisture barrier is needed. Use especially when installed on to levelled new concrete and always when the moisture barrier is needed.

Tuplex LVT is an excellent product for all floor types: vinyl (LVT), laminate and parquet floors, when installed to wood and board floor, subfloor of crawl space and dry concrete floor. Tuplex LVT is an excellent product to be used with thin floor materials, and when you need high compressive strength for underlayment.

| Technical data sheet              | Tuplex  | Tuplex LVT  |
|-----------------------------------|---|---|
| Material                          | Polyethene foil and expanded polystyrene                        | Polyethene foil and expanded polystyrene                        |
| Impact sound improvement          | 17-20 dB  | 16-18 dB  |
| Compressive Strenght              | 18 kPa  | 200 kPa   |
| Resistance for vapour penetration | $2 \times 10^{-6}$ s/m  | $2 \times 10^{-6}$ s/m  |
| Thermal resistance                | 0,08 m <sup>2</sup> K/W   | 0,06 m <sup>2</sup> K/W   |
| Dynamic load                      | N/A   | > 100.000   |
| PC value                          | 1,85 mm   | 1,1 mm  |
| Weight                            | 135g/ m <sup>2</sup>  | 120g/ m <sup>2</sup>  |
| Thickness                         | 3 mm  | 1,1 mm  |
| Package size m                    | 15 m, 30 m and 65 m   | 15 m, 30 m and 65 m   |
| Package size m <sup>2</sup>       | 16,5 m <sup>2</sup> , 33 m <sup>2</sup> and 71,5 m <sup>2</sup> | 16,5 m <sup>2</sup> , 33 m <sup>2</sup> and 71,5 m <sup>2</sup> |
| Width and overlap                 | 1100 mm and 200 mm overlap                                      | 1100 mm and 200 mm overlap                                      |



## How to install Tuplex products

Installation of Tuplex products is easy. Always follow the flooring manufacturer's instructions with respect to preparing and levelling the sub-floor prior to installing the underlay and flooring.

Make sure the sub-floor is clean and dry. Lay out Tuplex underlay so that the seams touch and overlap, do not tape. Cover the entire floor area and run the underlay flat on the sub-floor so that there will be a small gap between the wall and underlay, approximately 5 mm or so.

This will let the underlay to breath the possible moisture out from the sub-floor. This way your valuable floor will last long – and the Tuplex underlay will last even longer.

### Customer service

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