

### Technical Data

For years the underlay we today call "combilay" has been a most suitable and cost effective underlay for the flooring industry.

Combilay is made of a 2mm thick arothene that is laminated onto a clear 80 micron virgin plastic moisture membrane, with a 100mm overlap on the one side that is to be taped down.

Aerothene is an inexpensive flexible and durable packaging material that is fully recyclable. It has slight insulating and cushioning properties to protect the goods from moisture, scratches, dents and chips during transport and storage, when laminated onto a plastic film, the vapour barrier, this provides a suitable smooth, even and moisture resistant layer for laminate flooring to be installed on. It also reduces walking noise on the floor as well as increases the floors stability.

For the best results, we use a virgin plastic, as the use of re-cycled plastic will over time de-generate under the flooring

### Product Specifications

Material	Polyethylene closed cell foam also known as Aerothene
Colour	White
Type	Aerothene with 80 micron HDPE moisture barrier
Thickness	2mm
Roll Width	1m
Roll Length	100 lin.m
Roll Size	100m <sup>2</sup> /roll
Overlap	100mm

### Benefits

- Cushioning
- Moisture and mold resistant, Non-absorbent and rot resistant
- Protects flooring from moisture egress from screed
- Enhanced floorcovering lifespan
- Minimal Thermal Properties - energy saving

### Test Method Comparisons

- Water displacement 99%
- Water vapour 0.08g/m<sup>3</sup>
- Water absorption less than 2% over a 24hour cycle fully submerged
- Sound reduction 45% reduction compared to NO underlay
- Temperature range -40degrees to +90degrees