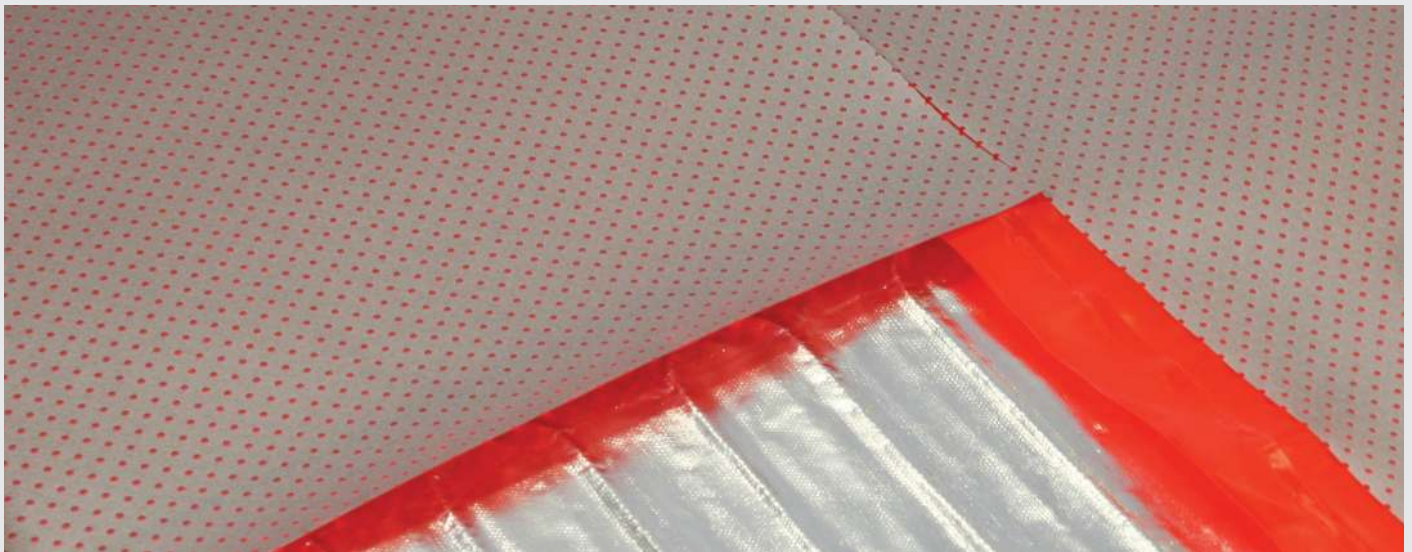


ECONOSOFT

ACOUSTIC UNDERLAY SYSTEM



Use Econosoft underneath engineered timber or laminate flooring to prevent moisture penetration and add acoustic and cushioning properties to your floor

5 Reasons to install Econosoft

- ✓ Additional cushioning under floor finish
- ✓ Acts as a vapour barrier to stop moisture
- ✓ Protects against abrasion
- ✓ Efficient heat transfer
- ✓ An upgrade from regular vapour barrier

ECONOSOFT UNDERLAY

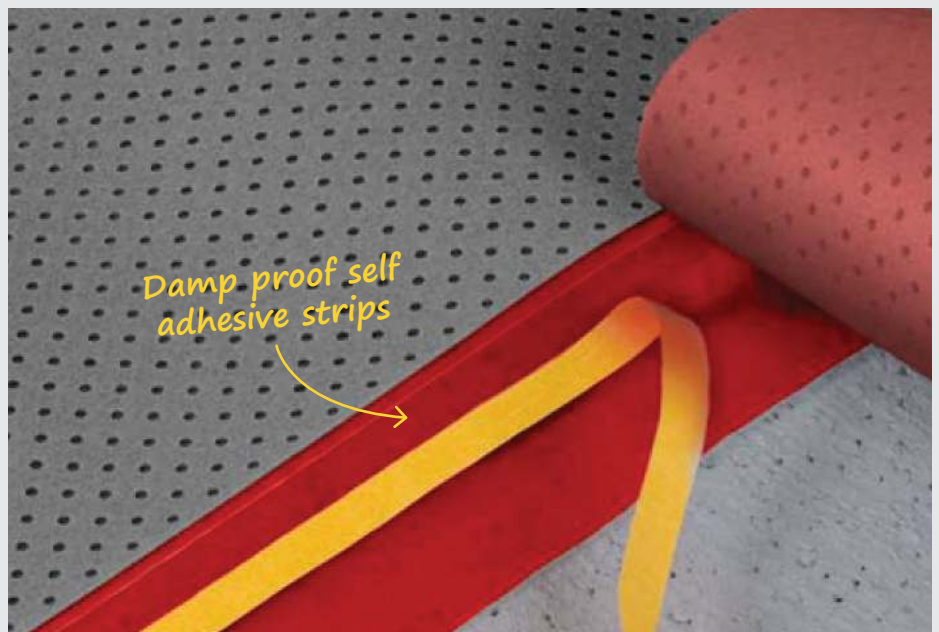
Use Econosoft underneath your engineered timber or laminate floor to add a cushioning layer and guard against moisture penetration and abrasion on underfloor heating systems.

ACOUSTIC PROPERTIES

Impact sound reduction of 21dB ΔL_w under engineered and laminate flooring measured according to EN-ISO 10140-3: 2010. Reduces noise transmission through the structure of the building.

AN EFFECTIVE VAPOUR BARRIER

Econosoft inhibits the transfer of any moisture that may be present within the substrate from being absorbed by the floor finish.



Econosoft acoustic barrier

STOCK NO	DESCRIPTION	ROLL SIZE M	PACK AREA	UNIT
5422	Econosoft Acoustic Barrier	15 x 1	15m ²	roll

Technical Data

Thickness / Tolerance	1.2mm (±0.1mm)
Width	1m (excl. overlap)
Length	15m
Roll size	1m x 15m / 15m ²
Materials	PE foil, Extruded PE foam
Colour	Red and grey
Density	150kg/m ³
Thermal resistance R _m	0.014 m ² K W ⁻¹
TOG rating	0.14
impact sound reduction	21 dB ΔL _w
Compressive strength	200 kPa
Compressive creep	40 kPa
Dynamic load	> 200.000 cycles
Box contents	9 rolls 135m ²
Pallet contents	4 boxes, 540m ²
Pallet size	1200 x 1200mm
Pallet height	1250m
Pallet weight	750kg

Important notes

Econosoft has been designed especially for application over floor heating and floor cooling systems.

Because of a minimal thickness of just 1,2 mm and a density of 150 kg/m³, Econosoft will simply transmit the warmth to the floor surface (TOG 0.14).

Econosoft is made out of a Polyethylene foil (200 micron) with a self adhesive overlap, combined with a stable Polyethylene layer of foam.

Econosoft is used in combination with various types of floating finished floor coverings, such as click laminate and engineered wood flooring.

Econosoft combined with Econospeed HDF heating overlay is the most ideal choice over floor heating and floor cooling for glue down of soft finished floor coverings, such as sheet vinyl, lino, cork, rubber and carpet.

Combined with click laminate Econosoft shows an impact sound reduction of 21 dB ΔL_w, measured according to EN-ISO 10140-3: 2010.

Installation overview

Install Econosoft with the red side facing down and the perforated grey foam facing up.

Econosoft should be installed on top of the underlaminated foil heating system, under the floor finish.

At the edge of the room, roll out the first row Econosoft. When you reach the end of the room simply cut the Econosoft with a sharp blade or scissors, taking care not to damage any cables or heating systems that may be present.

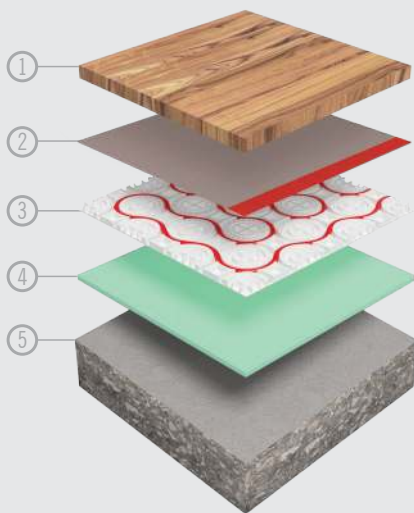
After fitting the first rows of Econosoft, roll out the next section of Econosoft.

Remove the yellow protective film from the self-adhesive overlap strip and stick both rows together, creating a damp proof bond.

Repeat this process until the whole floor is covered, taking care to ensure the self adhesive joins are made correctly.

Install Econosoft with the joins running in the same direction as the floor finish.

Example buildup 1



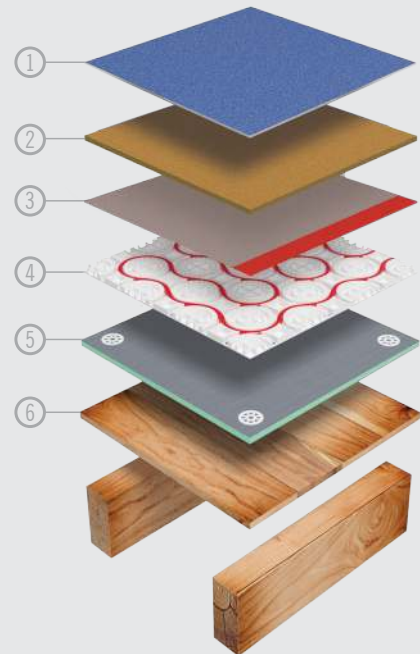
- ① Timber floor finish
- ② Econosoft acoustic barrier
- ③ Thermotube system (floating)
- ④ Econoboard uncoated insulation
- ⑤ Concrete substrate

Example buildup 2



- ① Laminate floor or Econospeed
- ② Econosoft acoustic barrier
- ③ Thermofoil PRO™ heating foil
- ④ Rigid insulation board
- ⑤ Timber substrate

Example buildup 3



- ① Glued vinyl floor finish
- ② Econospeed fast track board
- ③ Econosoft acoustic barrier
- ④ Thermotube system (floating)
- ⑤ Econoboard coated insulation
- ⑥ Timber substrate