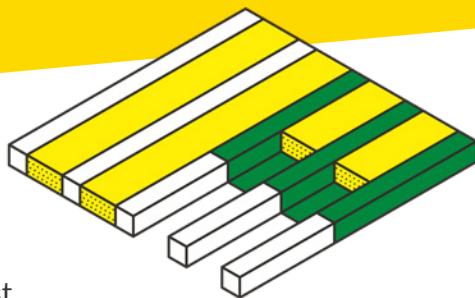


HOW TO RETROFIT YOUR FLOORS

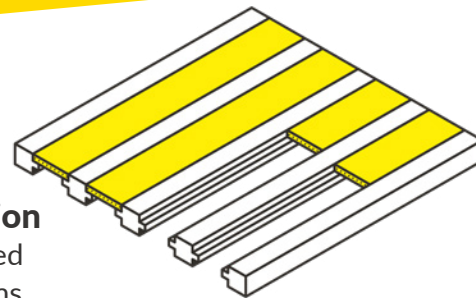
Quilted insulation

Supported by netting stapled to joist



Rigid insulation

Supported by battens



What is it?	In the case of a suspended floor, insulation would be placed between the joists to improve the resistance to heat travelling through your floor into the unheated air space underneath. Depending on the age of the base flooring this may be accompanied by the filling of small gaps with a flexible material to reduce air leaks
How is it installed?	Typically, a suspended floor can be accessed underneath (via a basement), or by lifting up the floorboards and installing between the floor joists. Newer technologies involve a robot being placed in the void and spraying the insulation against the suspended floor timbers
How disruptive?	The level of disruption involved with insulating a suspended floor can vary depending on the levels of access to the underside of the lowest heated floor Basement ● ○ ○ ○ ○ No floor coverings and no basement ● ● ○ ○ ○ Hardwood floors and no basement ● ● ● ○ ○
Right for your home?	Given the associated cost, disruption and relatively small energy savings compared to larger measures, floor insulation should only be considered after or alongside the installation of other larger, more impactful retrofit measures
Ventilation?	Just like all types of fabric measures, when installing floor insulation the ventilation for the full property needs to be accessed and considered. This is because if we improve the insulation in the floor and not other areas, the surface temperatures of the other areas will become colder and increase the risk of condensation

TOP 3

Benefits of improved floor insulation

1. Reducing heat loss. Heat rises so insulating your home properly means you keep more heat inside
2. It is low to no maintenance
3. It future proofs your home



**GREEN
DOCTOR**