H1. Done.

WE'VE GOT YOUR INSULATION SOLUTIONS COVERED.

The new insulation changes for small and large buildings might seem daunting, but at Comfortech® we've got all your H1 solutions sorted.

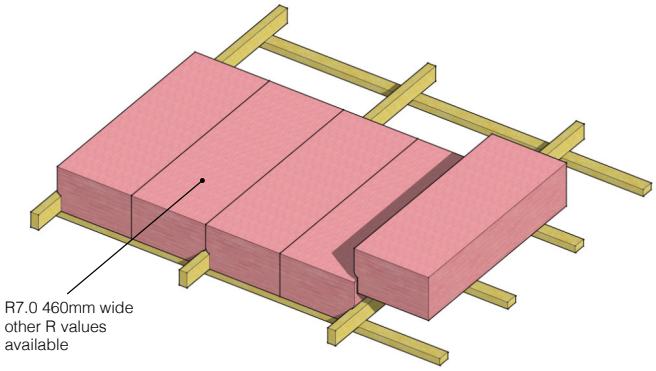
Our team at Comfortech® has designed solutions in partnership with the building industry that are flexible enough to cover a range of different building requirements.

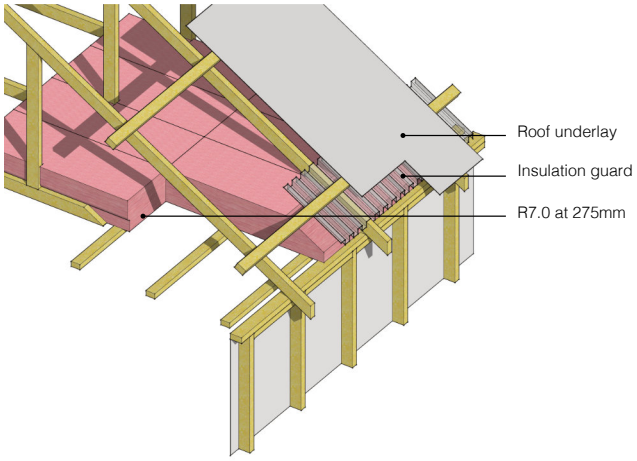
Single Layer Ceiling Solution

Comfortech® have developed a range of single layer Pink® Superbatts® solutions, at a width of 460mm. Segments can now also be ballooned to fit around and over the truss chord to seal the thermal bridge.

- Along with our R7.0 Pink® Superbatts®, as the calculation and modelling methods may determine a lower R-value is required, Comfortech® has a range of other R-values including Pink® Superbatts® R4.5, R5.0, R6.0 at 460mm wide
- Using an insulation barrier at the perimeter ensures contact between the insulation and roof underlay is avoided and a ventilation pathway is maintained. Using an insulation barrier provides a minimum 25mm air space to the roof underlay, using an insulation guard Pink® Superbatts® can be installed on a roof pitch of 18 degrees or above without requiring a raised heel

Note: *As an alternative to an insulation guard and edge compression, Comfortech® have developed a Pink® Batts® Perimeter solution that can be used under H1 6th Edition.* *See more on page 3.*





PRODUCT	Product Code	Size (mm)	Nominal Total Area Per Bale (m^2)	Approx. Coverage Per Bale (m^2)	Environmental Credentials
H1 CEILING SOLUTION					
R4.5 Pink® Superbatts®	7113145	1220 x 460 x 210	5.6	5.5	✓
R5.0 Pink® Superbatts®	7113150	1220 x 460 x 225	4.5	4.4	✓
R6.0 Pink® Superbatts®	7113160	1220 x 460 x 245	3.9	3.8	✓
R7.0 Pink® Superbatts®	7114170	1220 x 460 x 275	3.9	3.8	✓

pink® batts®
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H1 SOLUTIONS

Double Layer Ceiling Solution

An alternative to our single layer solution, is our double layer solution where a secondary layer is installed between the timber or steel ceiling battens.

The Comfortech® double layer solution uses a:

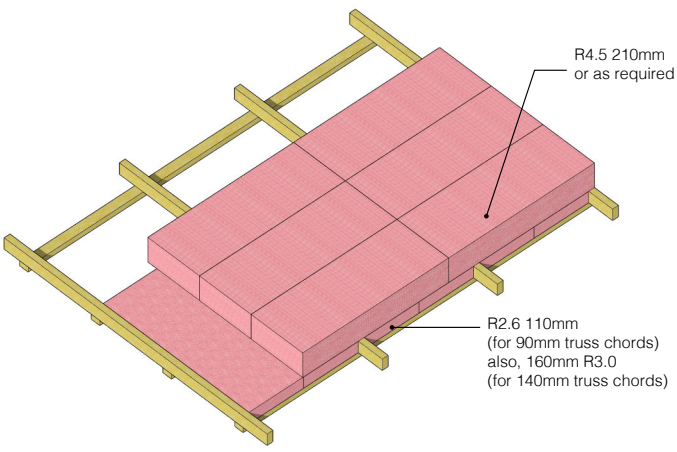
- First layer of high-density Pink® Batts® insulation that is the combined height of the truss chord and the gap to the top of the ceiling batten. This layer is either 110mm for a 90mm truss chord, or 160mm for a 140mm truss chord
- Second layer of (460mm wide) Pink® Superbatts® insulation, installed at right angles to the first layer
- When the two layers are installed, the thermal bridge is completely closed, and the insulation performs as modelled

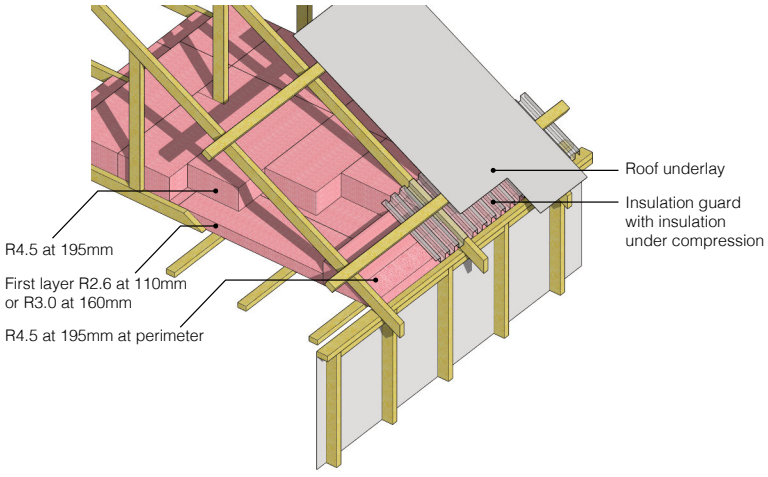
Double Layer Ceiling Installation

- With our two-layer solution, best practice is to install the top layer first, from below, across the truss chords
- The bottom layer is then pushed up under the top, to sit between the truss chords
- At the roof perimeter, the Pink® Superbatts® are designed to be compressed under the insulation guard, with installation to the middle of the top plate required
- Using an insulation guard at the perimeter ensures contact between the insulation and roof underlay is avoided and a ventilation pathway is maintained
- For the two-layer solution, at the perimeter, the bottom layer is stopped short so the last 460mm is the higher R value top layer only; typically R4.5 Pink® Superbatts®
- Pink® Superbatts® can be installed on a roof pitch of 18 degrees or above under perimeter compression over the last 460mm and still achieve the required perimeter R value, eliminating the need for a raised heel. When using Pink® Superbatts® R4.5, the roof pitch can go as low as 15 degrees whilst still achieving the required R value when under compression

Note: *As an alternative to an insulation guard and edge compression, Comfortech® have developed a Pink® Batts® Perimeter solution that can be used under the H1 6th Edition.* *See more on page 3.*

Double Layer Solution



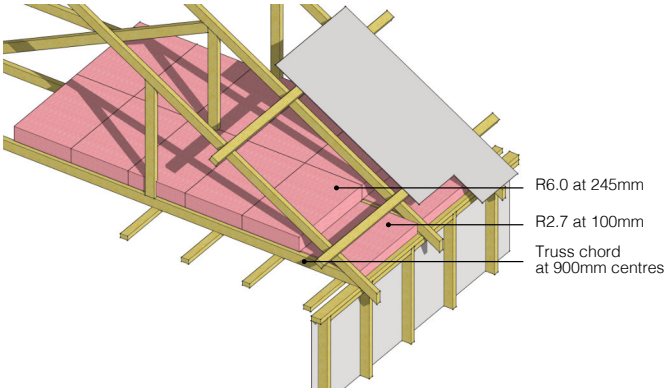


PRODUCT	Product Code	Size (mm)	Nominal Total Area Per Bale (m^2)	Approx. Coverage Per Bale (m^2)	Environmental Credentials
H1 CEILING SOLUTION					
***R2.6** Pink® Batts® **First layer of a double layer solution*	7160266	1220 x 432 x 110	9.5	10.0	✓
***R3.0** Pink® Batts® **First layer of a double layer solution*	7160265	1220 x 432 x 160	8.4	8.9	✓
R4.5 Pink® Superbatts®	7113145	1220 x 460 x 210	5.6	5.5	✓

H1 SOLUTIONS

Pink® Batts® Perimeter

With the reduction of the R value requirement for ceilings to a construction R value of R2.6 under the H1 6th Edition, we have released an R2.7 Pink® Batts® Perimeter product at 100mm thickness. Supplied at 560mm wide, our Pink® Batts® Perimeter is designed to cover over at least half of the top plate and extend up to 500mm into the ceiling space at the perimeter. Combined with the 460mm wide Superbatts® ceiling insulation solutions this ensures you can meet the requirements of the H1 6th Edition, while avoiding the need for a raise heel or an insulation guard.

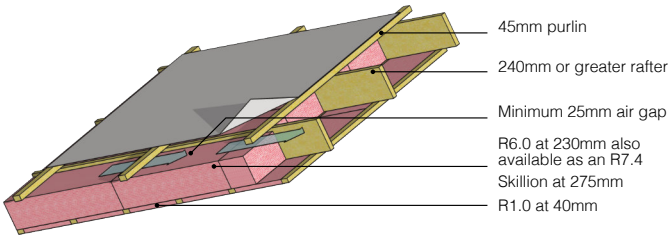


PRODUCT	Product Code	Size (mm)	Nominal Total Area Per Bale (m^2)	Approx. Coverage Per Bale (m^2)	Environmental Credentials
H1 CEILING SOLUTION					
R2.7 Pink® Batts® Perimeter	7160274	1220 x 560 x 100	8.9	9.5	✓

Single and Double Layer Skillion Solutions

With Skillion roofs, over recovery can have serious consequences, that is why we guarantee the recovered thickness of our Skillion roof range. There are two widths available 432mm and 560mm wide, to suit rafters at 450, 600, 900 and 1200mm centres. Further, with R values at R5.0, 6.0 and R7.4, Skillion roofs need no longer be a challenge when meeting the heat loss requirements, or energy use targets of H1.

- Skillion roofs pose a unique challenge for achieving the new higher R-values
- Comfortech® have developed a single layer R7.4 Pink® Superbatts® Skillion solution for 290mm rafters
- For 240mm deep rafters we offer an R6.0 Pink® Superbatts® Skillion product between the rafter, to maintain the ventilation pathway
- We also offer an R5.0 at 180mm thickness for 190mm rafter depths
- All these solutions can be paired with the R1.0 Pink® Superbatts® Skillion, installed between the ceiling battens, to boast the construction R-value

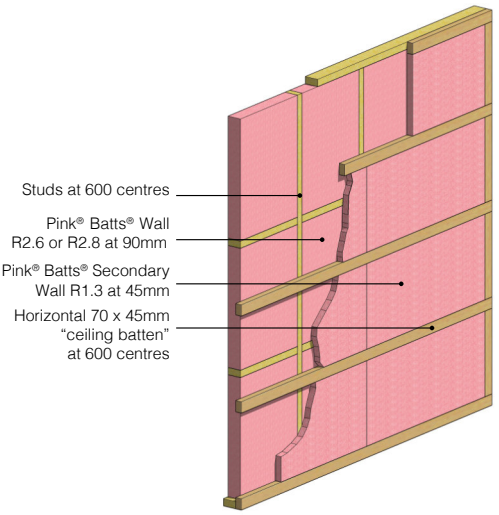


PRODUCT	Product Code	Size (mm)	Nominal Total Area Per Bale (m^2)	Approx. Coverage Per Bale* (m^2)	Environmental Credentials
H1 CEILING SOLUTION					
R4.5 Pink® Batts® Skillion Roof	7110245	1220 x 432 x 165	3.2	3.3	✓
R5.0 Pink® Batts® Skillion Roof	7110250	1220 x 432 x 180	3.2	3.3	✓
R6.0 Pink® Batts® Skillion Roof	7110260	1220 x 432 x 230	3.2	3.3	✓
R7.4 Pink® Batts® Skillion Roof	7110274	1220 x 432 x 275	2.6	2.8	✓
R5.0 Pink® Superbatts® Skillion Roof	7113250	1220 x 560 x 180	4.1	4.4	✓
R6.0 Pink® Superbatts® Skillion Roof	7113260	1220 x 560 x 230	4.1	4.4	✓
R7.4 Pink® Superbatts® Skillion Roof	7113274	1220 x 560 x 275	3.4	3.7	✓
R1.0 Pink® Superbatts® Skillion Roof	7113210	1220 x 580 x 40	17.0	17.6	✓

H1 SOLUTIONS

Secondary Insulation Layer Wall Solution

With industry recognition of the issue of thermal bridging in walls, we have developed a cost-effective solution to significantly reduce heat loss while balancing cost. Our Interior Secondary Insulation Solution (ISIL) is installed to the interior of a 90mm frame between interior battens delivering around 20% more thermal performance as the same thickness of 140mm wall, while also being less expensive, and lighter and safer to transport and stand up on site. The ISIL solution utilizes standard 90mm Pink® Batts® in frame and a purpose manufactured 530mm wide x 45mm thickness R1.3 secondary internal layer, to fit between 70mm wide interior battens at 600 centres, to reduce the thermal bridges from more than 25% down to only around 5%. Better still, testing by GIB® demonstrates that their bracing systems will still perform when installed over the interior battens provided the end studs of each bracing element are also battened vertically; contact us for more details.



PRODUCT	Product Code	Size (mm)	Nominal Total Area Per Bale (m^2)	Approx. Coverage Per Bale (m^2)	Environmental Credentials
H1 WALL SOLUTION					
R1.0 Pink® Batts® Ultra® Interior Wall	7160271	1220 x 530 x 35	16.8	18.9	✓
R1.3 Pink® Batts® Ultra® Interior Wall	7160272	1220 x 530 x 45	12.9	14.5	✓
R2.6 Pink® Batts® Ultra® Wall	7127126	1140 x 560 x 90	9.6	11.3	✓
R2.8 Pink® Batts® Ultra® Wall	7127128	1140 x 560 x 90	6.4	7.5	✓

Pink® Batts® Masonry Wall Insulation

- It is a requirement that an absorbent building paper or a waterproof membrane is placed between the insulation and the concrete. This is not intended to replace the DPC which must still be fixed between strapping and masonry
- There is a high likelihood of interstitial condensation occurring where 90mm thickness (R2.2 and above) glasswool insulation is installed against a masonry or concrete wall. This is due to the lack of a ventilated external cavity to remove moisture. Therefore, in this situation, the recommended solution is Comfortech® Kooltherm Insulated Plasterboard

BRANZ Appraised
Appraisal No. 238
Appraisal No. 767

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ENVIRONMENTAL PRODUCT DECLARATION

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Quality ISO 9001

BIO SOLUBLE 10279 INSULATION

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9-15 Holloway Place, Penrose, Auckland
March 2026

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