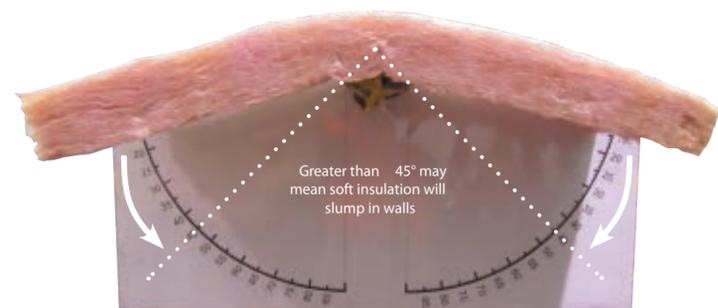


Why is Pink Batts insulation the right insulation for New Zealand?

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Rigid and durable wall and underfloor product design

Kiwi homes are generally constructed with timber framed walls without plywood or other rigid external sheathing. This means the insulation installed into a wall cavity must be rigid enough to stand under its own weight for at least 50 years. Pink Batts Wall insulation is designed to achieve this rigidity. Many imported products are designed for different building methods so they are softer and do not have the rigidity required. Pink Batts SnugFloor Underfloor insulation is even more rigid to ensure it doesn't sag.



The photo above shows a standard length piece of Pink Batts Classic R2.2 Wall undergoing our in house rigidity test.

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Product Selection

Selecting the right product with Pink Batts insulation is simple:

Step 1 - Select the right insulation

WHAT TO CONSIDER WHEN SELECTING THE RIGHT INSULATION

**Comfort/ Cost Savings/ Healthy Living**  
Look for a comprehensive range of insulation with higher R-values, and products designed specifically to provide optimum thermal performance in different constructions.

**Sustainability**  
**ENVIRONMENTAL**  
Ensure any environmental claims are backed up with independent accreditation and compare them using the results of an LCA.

**NEW ZEALAND MADE**  
A New Zealand made insulation not only supports local industry and community it also ensures the environmental benefits of using recycled glass are retained locally.

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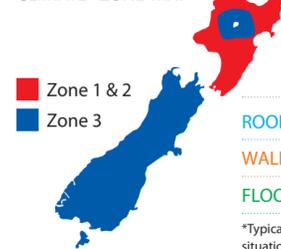
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PINK BATTS INSULATION



Step 2 - Optimise performance: Select the right Pink Batts product for your climate zone.

CLIMATE ZONE MAP



APPLICATION TABLE

	ZONE 1 & 2		ZONE 3	
	THE MINIMUM* PINK BATTS CLASSIC	THE BEST PINK BATTS ULTRA	THE MINIMUM* PINK BATTS CLASSIC	THE BEST PINK BATTS ULTRA
<b>ROOF</b>	R3.2 Ceiling	R4.0 Ceiling	R3.6 Ceiling	R5.0 Ceiling
<b>WALL</b>	R2.2 Wall	R2.6 Wall	R2.4 Wall	R2.8 Wall
<b>FLOOR</b>	R1.6 SnugFloor	R2.6 SnugFloor	R1.6 SnugFloor	R2.6 SnugFloor

\*Typical R-value required to meet New Zealand Building Code (NZBC) clause H1 and may not comply with NZBC in all situations.

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**ANOTHER GOOD CALL**

Pink® Batts® insulation isn't just insulation, it is a piece of New Zealand history, keeping Kiwis warm for over 50 years.

When you select Pink® Batts® insulation for your home, you are investing in over 50 years of proven performance in New Zealand conditions. Our local expertise means our products are specifically designed for how Kiwis build their homes.

**COMFORT COST SAVINGS SUSTAINABILITY PRODUCT SAFETY HEALTHY LIVING ASSURANCE**

# 50 years of New Zealand insulation history

We have been around for over 50 years, but that hasn't stopped us moving with the times. We've continually been making improvements to our products and processes to give you 'more than comfort'. The timeline below shows the milestones in New Zealand's insulation history. It also highlights some of the steps we have taken to reduce our impact on the environment since we started manufacturing in 1961.



Our plant in Christchurch begins making Pink® Batts® insulation.

1971

1960

1961

1970

1980

1978

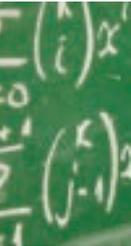
1990



## 1ST GENERATION OF PINK® BATTS® INSULATION

The Auckland plant opened on June 9, 1961 by the Deputy Prime Minister Hon J. R Marshall. State of the art Owens Corning insulation technology is used to produce glass wool insulation in New Zealand for the very first time.

Insulation becomes mandatory in new New Zealand homes (Typically 75mm thick).



2ND G PINK® B Scientific impro to produce a ne



**GENERATION OF  
PINK® INSULATION**  
Improvement to our technology  
new lower itch formulation.

**1991**



Licence No 2504017.  
Thermal (resistive type)  
building insulants.

Environmental Choice  
certification for the  
higher R-value Pink®  
Batts® Ultra® range.

**2004**



1 July 2009 Warm Up  
New Zealand: Heat  
Smart programme  
begins. Providing  
insulation and heating  
grants to help reduce  
illness caused by cold  
damp living conditions.

**2009**



Our products meet the  
independent Finnish  
RTS M1 certification  
for low emissions.

**2013**

**2000**



Pink® Batts® insulation is  
certified as a safe Bio-soluble  
formulation.

**2008**

**SWITCH TO CLEANER ENERGY**

In Auckland we replaced our  
old gas fired furnace with a new  
more energy efficient  
electric melter. This \$7 million  
dollar investment means we  
now draw from the New Zealand  
electricity grid, with its higher  
proportion of renewable energy,  
instead of using a fossil fuel.



**2012**

**CLEANER AIR**

Installation of a \$4m highly efficient emissions  
control device known as a Wet Electrostatic  
Precipitator at our main production plant.  
Reducing emissions from the stack by over 85%.



**MORE RECYCLED GLASS CONTENT**

From the beginning of 2012 our Auckland plant  
became one of the first plants in the world to  
consistently make insulation using 83% recycled  
glass content.



ROOFING & PROFILES (NZ) LTD

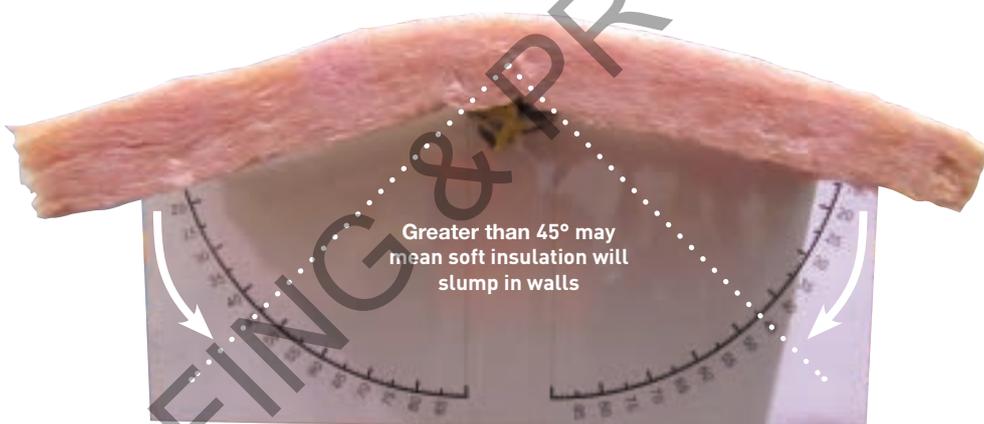


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#### PINK® BATTS® INSULATION



Licence No.2504017.  
Thermal (resistive type)  
building insulants.



### Step 2 - Optimise performance: Select the right Pink® Batts® product for your climate zone.

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Zone 1 & 2  
 Zone 3

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NOV 13 3051 Rev B