



InsulcladTM

RENDERED WALL SYSTEM

**Combining exterior cladding
with superior insulation**

Innovation and Efficiency



Insulclad™ has existed in Australia for more than 25 years and through continued development has fast established itself as a cutting edge wall system. Insulclad's proven three stage system addresses mounting pressure in the building industry for ecologically efficient building materials, faster build times and efficiency in energy consumption for the home owner.

Supertough Strong & Durable

- 7 year limited warranty available, go to www.insulclad.com.au for details
- Tested for compliance to provisions of the Building Codes Australia
- EPS core that will not rot or deteriorate with age
- Tougher than traditional cladding systems
- When installed, applied and maintained in accordance with instructions, will meet the relevant provisions of a number of Australian standards including 1366, 1170 and 1684

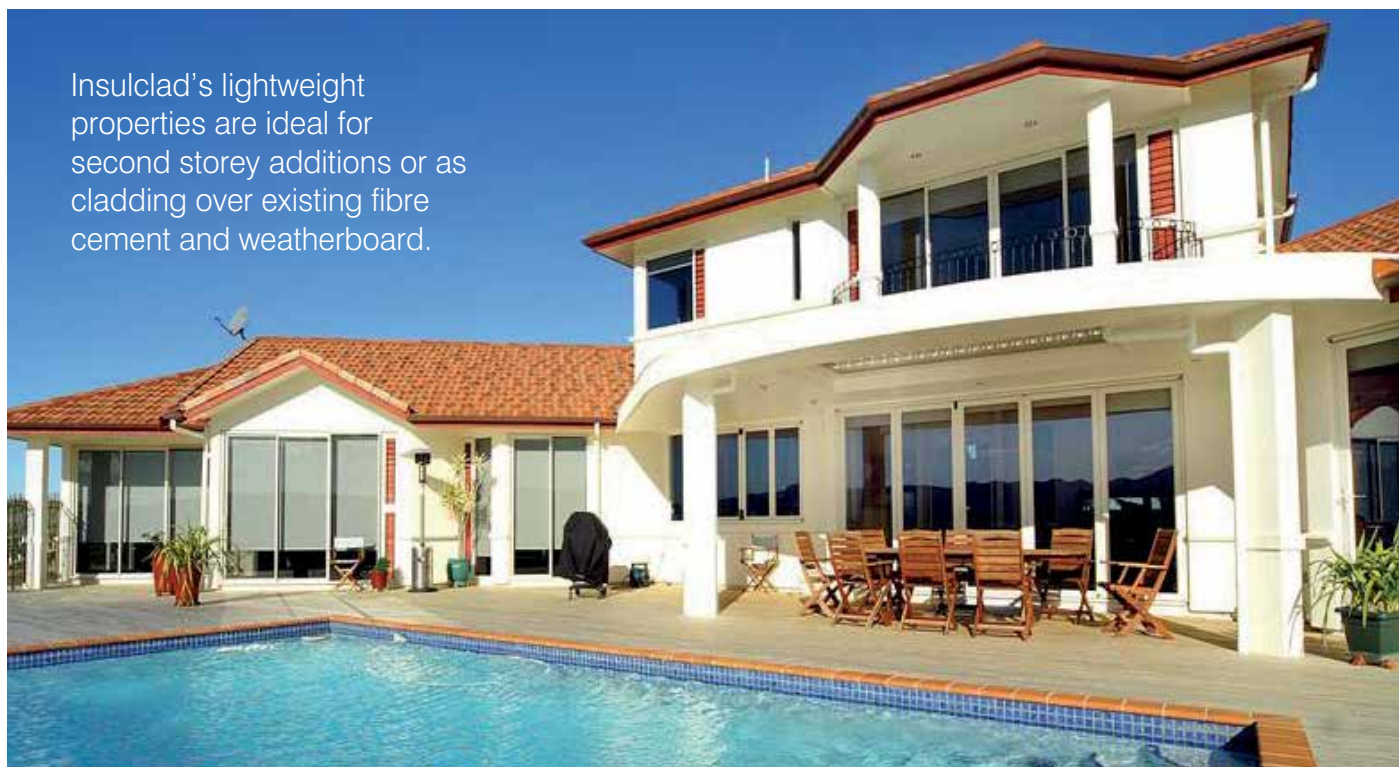
Save on Energy Costs

- Built-in insulation means reduced demand on heating and cooling to combat the ever increasing cost of energy
- Improved living comfort for all seasons
- Can eliminate the need and extra cost for insulation required in the walls
- Thermal insulation reduces your greenhouse gas emissions
- Contributes to buildings achieving a higher energy efficiency rating

Faster build time Lower Construction Costs

- Outer skin of buildings can be completed in as little as two days
- Reduced handling and simplified installation means less labour and reduced labour costs
- Lightweight and easy to handle
- Reduced need for specialised materials handling equipment
- Less trades and less components on-site means simplified project management
- Pre-mesh Panel option to speed up process

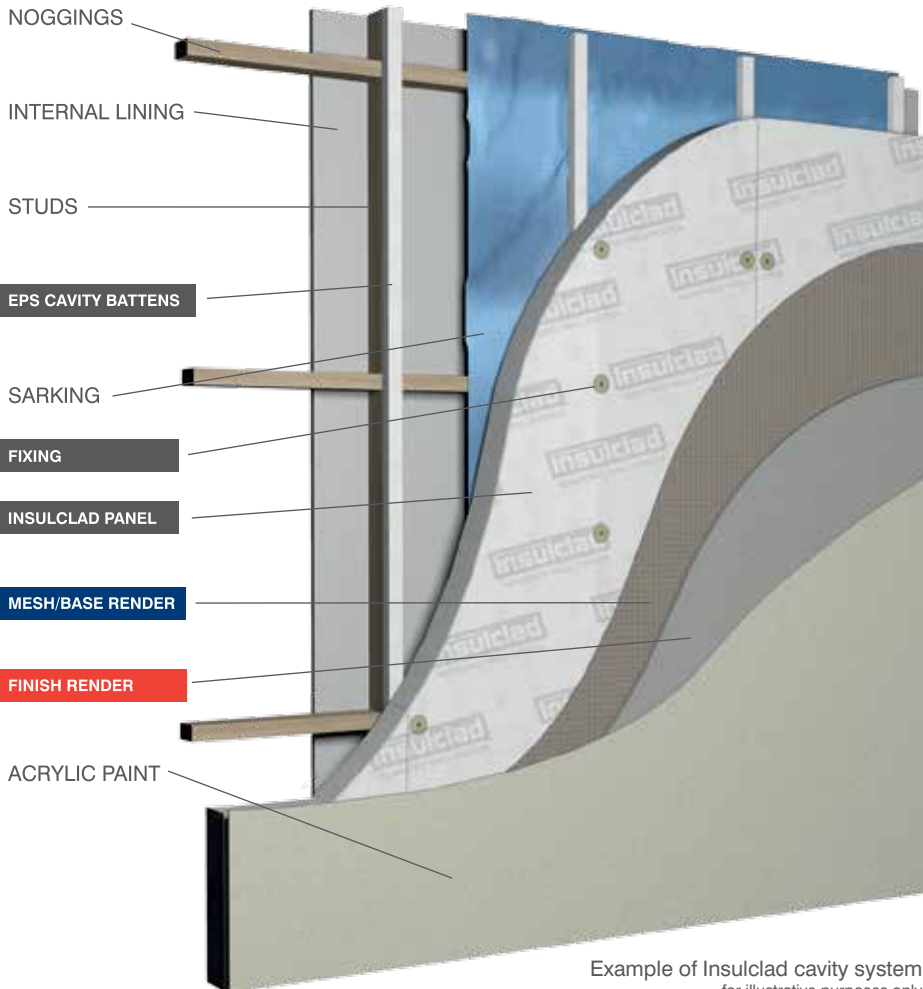
Insulclad's lightweight properties are ideal for second storey additions or as cladding over existing fibre cement and weatherboard.



How Insulclad Works



Insulclad is a high quality system comprising an EPS insulated core that is quickly attached to the building frame, or can be fixed directly over existing brick work, fibre cement sheeting and other cladding systems.



Example of Insulclad cavity system
for illustrative purposes only

1 INSULCLAD FIXING



2 INSULCLAD PREPARATION



3 INSULCLAD FINISH



1 INSULCLAD FIXING

Choose between Core Panel or Pre-mesh Panel and a range of PVC fixings and accessories, including trims for window and door reveals

- INSULCLAD DIRECT FIXED is fixed directly to the wall frame over sarking.
- INSULCLAD CAVITY SYSTEM is fixed over EPS battens to form a secondary moisture barrier by providing a cavity between the frame and the wall cladding.

2 INSULCLAD PREPARATION

Prepare the panel for render by applying:

- Reinforcing Mesh and Base Render
- Joint Patch and Primer Additive

Refer to the website and installation manual for more details.



For detailed product information visit:
www.insulclad.com.au/how-it-works

3 INSULCLAD FINISH

Your choice of three polymer modified render finishes specially formulated for superior coverage and adhesion -

- Fine Skim
- Medium Float
- Coarse Float

Ensure your finish is sealed with 100% acrylic based paint.

Combining exterior cladding with superior insulation

Environmentally Responsible



Insulclad is committed to providing environmentally sustainable products. Zero Ozone Depleting Potential in both manufacture and composition, complies with the GreenStar Insulant ODP Emissions credit requirement.

Superior Cladding How Insulclad compares to other types of wall construction

Features	Insulclad	Fibre Cement	Weatherboard	Brick Veneer	Double Brick
Exceptional R Value (no additional insulation required)	✓	✗	✗	✗	✗
Faster completion time for construction	✓	✓	✓	✗	✗
Lightweight, easy to work with	✓	✗	✗	✗	✗
Cost effectiveness	✓	✗	✗	✗	✗
Seamless finish with no visible joints	✓	✗	✗	✗	✗
Reduced engineering requirement for footings and beams	✓	✓	✓	✗	✗

Energy saving and eco efficient qualities of Insulclad ensures sustainable manufacturing, building and living

MANUFACTURING

Energy consumed in manufacture is offset by energy saved through creating carbon neutral homes

Green Star Compliant

EPS comprises of 98% air resulting in the efficient use of raw material

BUILDING

Less energy consumed and emissions produced during construction

EPS core is fully recyclable

Reduced energy demands and less emissions produced by transport

LIVING

Contributes to the highest energy efficiency rating requirements

Insulation properties reduces heating and cooling energy consumption

Creating energy efficient homes with less greenhouse emissions

Insulclad

RENDERED WALL SYSTEM



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**Design possibilities that
enhance and increase the
value of your home**

Used in a wide variety of building styles where excellent thermal qualities are required, Insulclad is suitable for both curved and straight wall applications and offers designers and architects the freedom and versatility to design homes without limitations.



**Combining exterior cladding
with superior insulation**

■ SUPERTOUGH



■ FASTER BUILD TIME, LOWER CONSTRUCTION COSTS

■ SAVE ON ENERGY COSTS

■ LIGHTWEIGHT - EASY TO INSTALL

■ ECO EFFICIENT

■ SUITABLE FOR NEW CONSTRUCTION OR RENOVATIONS

■ BCA COMPLIANT

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BRANZ Appraised

www.insulclad.com.au

Used in
Australia
for over
25 years