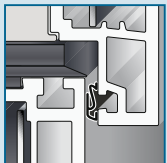


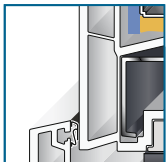
INSULATED DOUBLE GLAZED uPVC WINDOWS & DOORS

- Australia's highest performing windows
- Low maintenance white never needs painting
- Selection of contemporary colours
- Fantastic thermal and noise insulating properties
- Minimum 16mm Solar Insulated Glass with inert gas filled pocket for maximum sound and thermal insulation
- Excellent seals – no infiltration
- Selection of styles and locking options
- Multi chambered insulated frame construction
- World class product

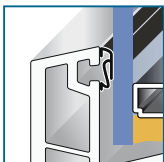
solarwindows



The free space of 3.5mm, which is between the window frame and the outer frame, makes opening and closing easier. It also protects the inner rubber gasket.



Special cavities in the frame secure the controlled dehumidification of the groove and ventilate the glass.



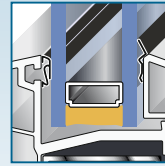
Due to the welded glass seal there are no open corners thereby preventing entry of water into the glass groove.

solarwindows



The glass beading has a simple click function, which provides a high density seal through the large surface area in the glass groove.

cont'd

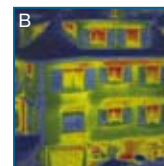
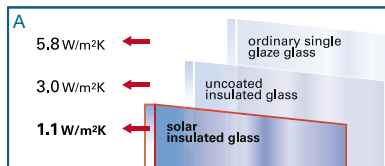


For extra soundproofing and/or insulation the thickness of glass can be up to 34 mm and can be installed without profile change.

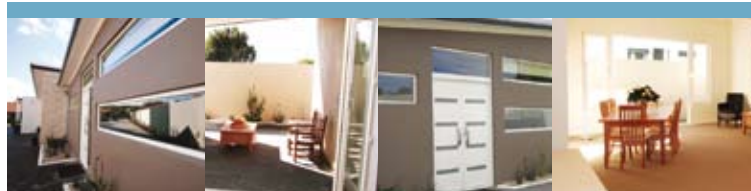
Energy Loss (U-factor)

Compared to ordinary insulated glass, solar insulated glass improves total resistance to heat flow by more than 60% and compared with ordinary single glazed glass by over 80%.

This thermograph (figure B) makes it even clearer. Poorly heated insulated windows in a residential building are **the energy wasters**.



W = Energy loss in watts, m² = 1m² of glass or other medium, K = Temperature difference across the glass. The lower the number, the slower the energy loss.



Victoria Turri & Associates

PROFESSIONAL BUILDING CO-ORDINATORS & DISTRIBUTORS

Mobile **0414 404 312**

PO Box 814 Morley BC WA 6943

Email victoria@victoriaturri.com.au

www.victoriaturri.com.au

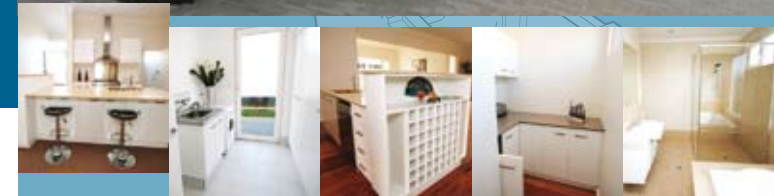
www.realvidoetours.com.au/80



Victoria Turri & Associates & Distributors
PROFESSIONAL BUILDING CO-ORDINATORS & DISTRIBUTORS

insulbrick 







solarwindows 



Quality Insulated Concrete Forms (ICF)
for Australian Standards

Full engineering and construction support

INSULBRICK INSULATED CONCRETE FORMS

-  A superior level of insulation coupled with strength and high level acoustic performance
-  Unlimited design capabilities
-  An easily managed procedure with clear guidelines
-  Enormous savings on energy bills
-  Suitable for all regions and building categories within Australia
-  Full engineering and construction support

Product Description

Insulbricks provide a fire retardant, polystyrene insulated formwork for casting concrete structures. When interlocked and filled with concrete, they create a solid wall with remarkable insulating properties. Insulbricks are 300mm high, complying with all Australian standard ceiling, door and window heights.

Build Everything from Home Extensions to Multi Storey Apartments. Design your own dream home.



**FASTER!
MORE EFFICIENT!
SAVE ON HEATING
& COOLING!**

Engineering

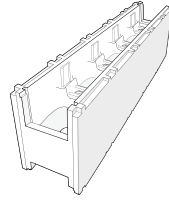
We have engineers available that can design to your individual specifications, and provide certification drawings to lodge with your local council (this cost varies depending on the size of the project.) Alternatively, we are happy to work with your engineers should you have them within your company.

Important: it is essential that reinforcement steel be placed in the concrete core in accordance with engineering specifications. The use of 32mpa concrete with 7mm aggregate is recommended. An engineer's certification will be required with the application for a Building Permit. The placement of steel may also need to be inspected prior to pouring concrete.

fold

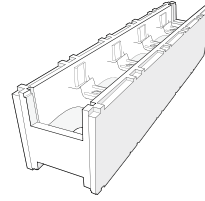
Specifications

insulbrick 170



Length 1,190mm
Height 300mm
Width 170mm
R-Value 2.8
Concrete 0.03045m³ per insulbrick
One m³ of concrete fills 12m² of wall approx

insulbrick 240



Length 1,190mm
Height 300mm
Width 240mm
R-Value 3.3
Concrete 0.05375m³ per insulbrick
One m³ of concrete fills 6.6m² of wall approx

pollywall 250



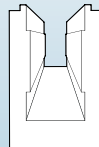
Length 1,200mm
Height 300mm
Width 245mm

POLYWALL CORNERS
External measurement
440mm left 640 mm right
640mm right 440mm left

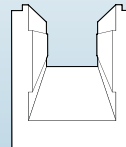
R-Value 3.5 plus
(depending on cladding)
Concrete 1 m³ = 8 m² wall
Fire rating 120/120/120

Lintelbrick

The Lintelbrick interlocks with the insulbricks and facilitates a solid horizontal concrete column with ample room to accommodate reinforcement steel in accordance with engineering specifications. Its design enables extra horizontal reinforcement bars to be placed, resulting in increased load bearing capacity.



Lintelbrick 170



Lintelbrick 240

fold

insulbrick Process

1. Delivery costs vary across WA according to distance and remoteness
2. Interlocking the insulbricks is easy.
3. Insulbrick 240 basement supports the concrete slab and the upper levels. Insulbrick 170 is used for some internal walls. The earth around the house is being retained by insulbrick 240 retaining walls.
4. No design limitations. This project has an underground basement.
5. Insulbrick 170 residence. Stone finish being applied.
6. Two storey insulbrick 170 residence with rendered finish.

Ask to see our show home which incorporates Insul Brick and Double Glazed Solar Windows also supplied by Victoria Turri.

This home has had the honour of being selected for Sustainable Energy Day.



1

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