



Greenboard™
Insulated Wall Cladding
Sunhoods and Blades
(CodeMark™ Accredited)



Environmentally Responsible. Energy Efficient. Building Systems.

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Greenboard Cladding System™

NRG Greenboard™

is the smart choice in combining an external cladding system with a built in insulative quality. Used in domestic, industrial and commercial applications NRG Greenboard™ is a CodeMark Accredited insulative walling system combining expanded polystyrene and modified polymer render with a full ten year warranty. The system provides weather resistant seam free rendered finish in a wide range of textures and colours. It also provides continuous thermal insulation over the entire wall areas.

This system has proved very successful in all weather situations ranging from the dry arid areas to tropical and alpine regions.

Greenboard™ is manufactured without the use of CFC's and does not contain or emit any poisonous gas. In fact NRG Greenboard™ is made of 98% air entrapped in a closed cellular structure of polystyrene. This entrapped air accounts for the extremely good insulative properties of the Greenboard™.

Major Benefits of NRG Greenboard™.

Complies with the BCA

- NRG Greenboard™ is a higher grade polystyrene 22kg/m Nominal Density (Compared to S or M grade 16-19kg/m)
- HIA Greensmart member
- QMBA member
- Vermin Retardant
 - NRG Greenboard™ has 62% more vermin retardant (borate)
 - NRG Greenboard™ 6320 mg/kg
 - M Grade board 3920 mg/kg (Grey/White/Blue Board)
- Grooved Board (designed by NRG)
 - increased surface tension
 - stronger more rigid board
 - grooved both sides (cavity protection)
- Insect & fire retardant throughout the board
- Acoustic test results
 - Rw35, Ctr-6
- Environmentally Friendly
 - All waste is recycled
 - No CFC's
 - No poisonous gases
- Thermal Rating
 - Total R-value (mk/w) 40mm Greenboard™ - R1.92
 - Total R-value (mk/w) 60mm Greenboard™ - R2.44
 - Total R-value (m k/w) 75mm Greenboard™ - R2.83
 - Total R-value (m k/w) 100mm Greenboard™ - R3.46
- 6mm complete render system with reinforced mesh
- No joints are visible. Mesh placed in middle of render, covering whole wall
- Technical service & back up, on site demonstrations
- Estimating & quoting services

The NRG Greenboard™ Insulative Walling System consists of:

GREENBOARD™

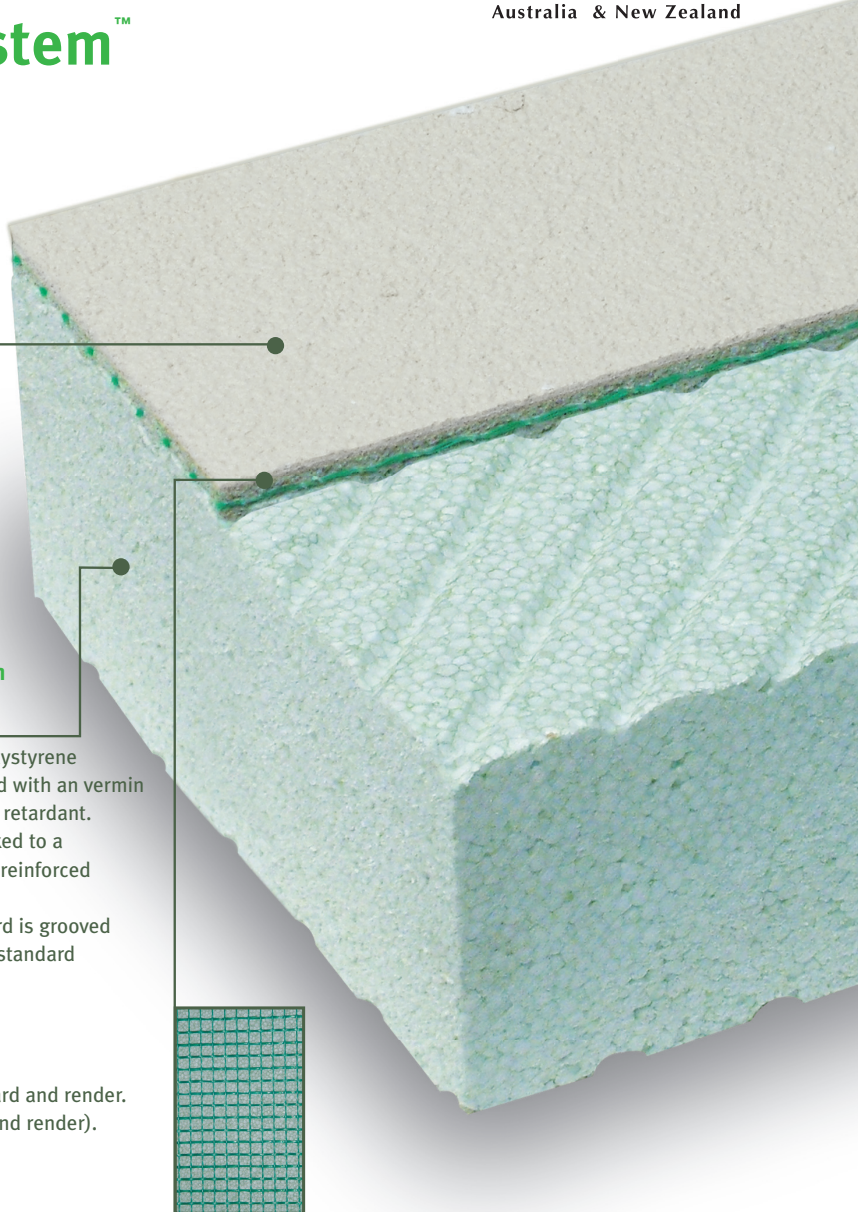
- An enhanced expanded polystyrene insulation board impregnated with an vermin retardant compound and fire retardant. The board is mechanically fixed to a timber/steel stud frame or a reinforced concrete or masonry wall.
- The surface of the Greenboard is grooved and has major benefits over standard board including:
- Increased surface tension.
 - Stronger more rigid board.
 - Cavity protection.
 - Stronger fixing between board and render.
 - Cost effective (installation and render).
 - Time Saving

MESH.

- A Polymer modified cement render reinforced with alkali resistant fibreglass 160g mesh.

RENDER.

- A polymer modified Cement render, creating excellent adhesion and strength, with a texture top coat



Warm in Winter, Cool in Summer

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