



Greenboard™ Insulation Wall Cladding

CodeMark™ Accredited 30005

BAL29 Bush fire attack level (AS1530.8.1-2007)



Environmentally responsible • Energy efficient • Building systems



Greenboard™ Cladding System

NRG Energy Efficient Building System is pleased to announce a revolution in lightweight cladding system. NRG is the first and only company to achieve CodeMark™ accreditation and BAL29 approval on EPS cladding systems.

NRG Greenboard™ is a comprehensive wall system which includes fixings, render, beads, polymer modified render, reinforced mesh, vermin retardant, textures and membrane coatings.

Major Benefits of NRG Greenboard™

- CodeMark Accreditation
- BAL29 (Bush Fire Attack Level to AS1530.8.1-2007)
- Impact tested
- Complies with the BCA
- NRG Greenboard is a high grade polystyrene 22kg/m nominal density (Compared to S or M grade 16-19kg/m)
- HIA Greensmart member
- QMBA member
- Vermin Retardant
 - 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 side (cavity protection)
- Insect & fire retardant throughout the board
- Acoustic test results
- Rw35, Ctr-6
- Environmentally friendly
 - All waste is recycled
 - No CFC's
- Thermal rating
 - Total R-value (mk/w) 40mm Greenboard –R1.92
 - Total R-value (mk/w) 60mm Greenboard –R2.44
 - Total R-value (mk/w) 75mm Greenboard –R2.83
 - Total R-value (mk/w) 100mm Greenboard –R3.46
- 3.5mm 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

NRG Greenboard™ has legislated product acceptance nationwide, giving the consumer total peace of mind and confidence with BCA compliance.

NRG Greenboard™ is favoured by insurance companies who are insisting that EPS cladding systems have BAL rating and CodeMark accreditation.

Render

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

Mesh

Reinforced alkali resistant fibreglass 160g mesh

Fixing

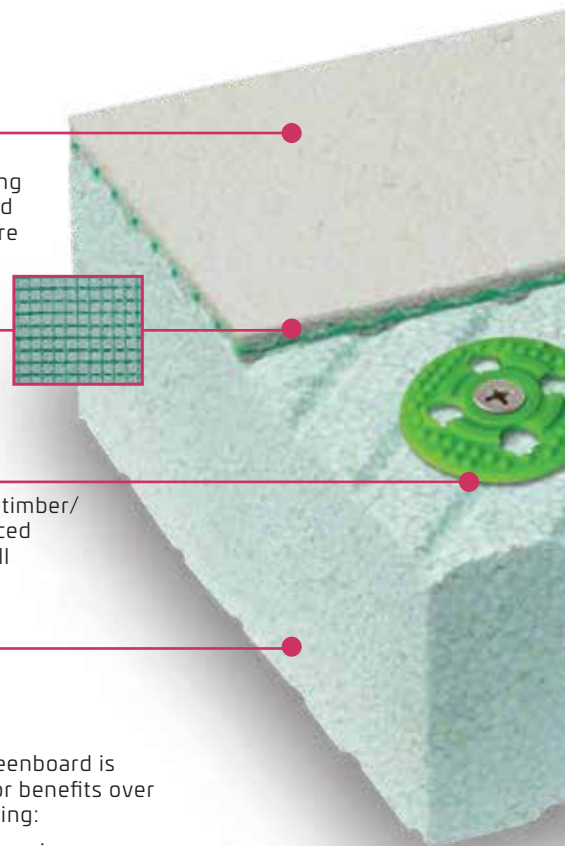
Mechanically fixed to timber/ steel frame or reinforced concrete masonry wall

Resistant

Vermin retardant
Flame retardant

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



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