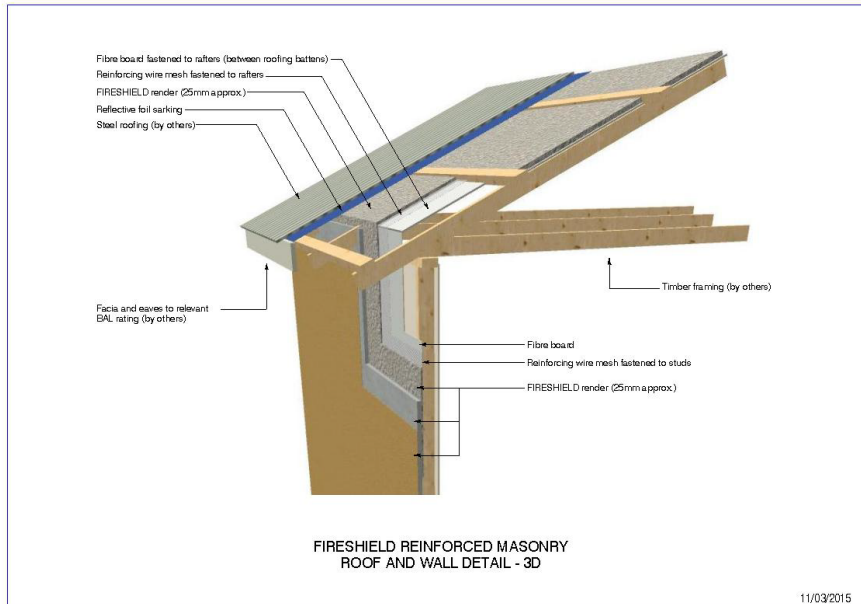




Your Ultimate Bushfire Protection

FIRESHEILD REINFORCED MASONARY RENDER SYSTEM BAL-FZ ACCREDITED



FIRESHEILD REINFORCED MASONARY RENDER

FIRESHEILD REINFORCED MASONARY RENDER is a highly fire resistant, light weight reinforced masonry render (BAL-FZ Compliant). As it is applied onsite to wall frames (timber / steel) and roof trusses, it stops RADIANT HEAT, FLAME and EMBERS entering the wall and roof cavities, by forming an envelope of the building.

FIRESHEILD Reinforced Masonary Render has been designed to help give a home a better chance of survival in a Bushfire event. FIRESHEILD (INSULCRETE) Masonary Render was subjected to a Fire Resistance Test in accordance with AS1530.4-1997 Sections 2&3 (Non Load Bearing). A 3.000 / 3.000 metre FIRESHEILD Rendered Panel was bolted to a

Furnace for a 2hr FIRE TEST, after this was achieved the Test was continued for a further 2hrs (4hrs overall). No render has been tested to this level before. The Fire Resistance Level (FRL) of -/240/180) was achieved. The required BAL -FZ (FRL) is -/30/30. FIRESHEILD REINFORCED MASONARY RENDER SYSTEM also strengthens the home by bracing the walls and roof trusses, and with proper BAL-FZ accredited doors and windows your home has a better chance of surviving a BUSHFIRE.

FIRE SHIELD RENDER is usually applied to Polystyrene foam board or Fibre (Fibro) board, but can be applied to wall frames (steel/timber) with Polystyrene foam board fitted between the studs for insulation purposes. (RETRO-FIT).

After the 2009 Bushfires (BLACK SATURDAY), the Gov implemented 6 BAL-ZONES, the highest is BAL-FZ(flame zone) this requires a product to be tested to AS 1530.8.2 (4) which uses a furnace exposure of 30 minutes to simulate flame zone conditions, while this is intentionally severe it does not impose temperatures in excess of 850 oC WHICH IS A LOT LOWER than what FIRESHEILD was tested for.

FIRESHEILD reinforced masonry render has been tested to prevent embers, flame and radiant heat entering the roof and wall cavities, along with BAL-FZ windows and doors your home has the best chance of surviving a bushfire.

For the digital BAL-FZ Accreditation brochure please email info@fireshieldsystems.com.au

HELPING INSULATE HOMES TO A R VALUE OF R.5

While FIRESHEILD was designed to help protect a house in a bushfire event, it also has significant thermal benefits.

The Fireshield 50mm EPS1 wall render system adds approximately R1.42 to the thermal resistance of lightweight walls. For new walls with standard 90mm framing, a total R-value² for the wall system of up to R4.4 would be achievable when bulk insulation is also added to the framed walls, thus exceeding NCC elemental provisions³ for energy efficiency across all climate zones. As this system can also be retro-fitted to existing clad walls, there is great potential to improve the thermal performance as well as the bushfire resilience of existing homes by installing the Fireshield insulated render system.

FOR MORE INFORMATION

Noel 0417 369 659 | info@fireshieldsystems.com.au | www.fireshieldsystems.com.au