



## bituFLAME Warm Roof System – Auckland

*Installation completed August 2011*

### Project type:

Residential house based in Stanley Point (Auckland) with bituFLAME warm roof system.

### Purpose for design:

The bituFLAME warm roof design has many purposes. The insulation is placed on the top of the roof structure enabling the entire structure (including the substrate) to be insulated. The bituFLAME membrane offers an aesthetic, strong and long-life performance against the elements.

bituFLAME is a tough thick protection layer allowing for rugged use and sound waterproofing of the structure. The gravel cap sheet gives weather protection and a great looking aesthetic finish.

### Warm roof system installed:

Expanded Polystyrene (EPS) was installed directly onto the substrate and the bituFLAME two layer system incorporating a peel and stick base sheet and mineral chip cap sheet was installed on top.

bituFLAME is a BRANZ appraised product and has been supplied to the New Zealand market for over 15 years.

### Installation techniques:

The Expanded Polystyrene was installed using the WPS bituBOND adhesive, a peel and stick layer of bituFLAME was applied to the top of the EPS by a Waterproofing Systems Ltd accredited installer. The bituFLAME cap sheet was torched down to seal off the completed system. Regular quality checks were carried out during the entire process and regular inspections were completed by a Waterproofing Systems technical representative.

### Final result:

The final result achieved the desired effect of a sound waterproof structure incorporating an efficient insulated roof system.



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