



Boiler Units & Pipework Application - New Zealand



Mascoat Industrial Insulation is a superior insulator and has the ability to provide effective solutions to many of the concerns faced by most Industries globally such as personnel protection, heat retention, and corrosion protection.



Where conventional insulation systems may provide short term solutions to some of these problems their thermal performance will often degrade over time and they can be subject to moisture ingress, these issues can promote Corrosion, Bacterial & Fungal growth and the breakdown of the insulation itself. **Mascoat Industrial Insulation** however, provides an effective moisture barrier that will reflect heat back to its source protect against corrosion and drastically reduce heat / energy loss. It can be commonly applied to hot surfaces and equipment with temperatures of up to 220°C to reduce surface temperatures for personnel protection.



Utilized by a power company in New Zealand, **Mascoat Industrial Insulation** was applied to both boiler units and pipe work in which their surfaces would reach up to 120°C. These hot temperatures not only posed a hazard for personnel protection but this heat loss also meant that the units would have to operate to maintain these boiler temperatures compensating for this heat loss. After the application of 2.5mm applied in layers of 0.5mm each, the surface of both the pipe work and the boiler units was greatly reduced removing the hazard risk for potential burns to personnel. Similarly, by reducing the surface temperature & reducing heat transfer, a reduction in the energy input, and cost savings were recorded. By providing moisture tight insulation coating over both the pipe work and boiler surfaces the **Mascoat Industrial Insulation** eliminating potential CUI issues & increasing the longevity of these surfaces for operation.

For more information or a quote contact Redjak on 07 3219 2550
or visit www.redjak.com.au or www.mascoataustralia.com

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The information above is a Mascoat® example of how Mascoat Industrial Coatings can be applied. RedJak make no claims to having performed this particular job.