



Personnel Protection & energy Retention / Heat Transfer Reduction



Pipework Prior to Application



Pipework After Application



Vessel After Application

A Perth Brewing Company approached Mascoat to provide a solution for personnel protection, energy retention, and reduction in heat loss on their pipe work and vessels. During production, temperatures would reach in excess of 120degC posing hazards for personnel on site. Secondly conventional insulating techniques had been ineffective as they absorbed moisture promoting bacterial growth, losing their thermal capabilities and leaving equipment exposed to corrosion.

Analysis with Mascoat experts deemed the **Mascoat Industrial** Insulation a superior choice in that it could be applied directly to the hot surface resulting in no down time for production. Secondly it bound directly to the pipe work surface preventing any moisture from being able to come in contact with the coated surface and the risk of corrosion. The application significantly reduced heat transfer to the external surface retaining it for processing. This heat retention also translating to cost savings for energy input being greatly reduced.

Mascoat Industrial was applied at a thickness of 3.0mm to effectively reduce heat transfer providing personnel protection onsite and meeting the customer's specific requirements. The longevity of Mascoat Industrial Insulation also meant a saving in down time and costs associated maintenance which is generally required for Conventional Insulation material.

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.