



Bendigo Silo



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WORKS COMPLETED:

September 2012

CLIENT:

Keech

LOCATION:

Bendigo, Victoria

PRODUCT COVERAGE:

150sqm @ 2mm

TYPE OF CONTRACT:

Material supply

CONTRACTOR:

Australian Waterproofing Company

PRODUCT USED:

FerriSeal Quickset & Rapid Build

Keech Australia has been designing and manufacturing high integrity steel castings for nearly 80 years, for leading companies domestically and globally. Keech produce engaging tools, tillage implements, rolling stock components and custom casting products.

Australian Waterproofing Company was engaged by Keech to apply a specified LRM Products' UV stable, rust proofing membrane to a silo in Bendigo Victoria totalling 150sqm in surface area. The roof and silo walls were beginning to rust due to exposure to the elements and cold, damp Victorian climate.

This involved using LRM Products' FerriSeal Quickset and Rapid Build specifications to weatherproof the silo against rust that may have, over time, caused structural weakness. FerriSeal Rapid Build was used in conjunction with geotextile fabric to repair and seal the silo roof joints. FerriSeal Quickset was progressively applied using an airless spray pump to coat parts of the silo walls to provide a final weatherproof seal.

The final product provided the client with a completely waterproof, durable and highly flexible membrane strong enough to eradicate the potential of any future leakage and was far superior in comparison to competing products due to its excellent adhesion and elastomeric properties for the concrete floors and walls.

LRM Products' FerriSeal Quickset and Rapid Build specification offered Keech the following distinct advantages over competing products:

- Reduction in silo downtime (during and post application)
- Excellent adhesion to dated concrete surfaces
- Excellent resistance to temperature variations
- Excellent sealing properties (leak proof)
- Efficient and short application time (per m²) and short curing time
- Environmentally friendly, non toxic with no VOC's
- Certified to AS/NZS 4020:2005 for Potable Water
- Excellent elongation and recovery properties (over 850%)



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