

## Silo Repair

abe Construction Chemicals is currently supplying products for the repair of the Tiger Milling Inland Division silo, in Randfontein. The maize silo repair, handled by Delmos Projects, will initially involve wire-brushing of the concrete steel reinforcement and then applying a coating of abe's Durarep ZR primer. This is a single-component liquid epoxy resin enriched with metallic zinc to provide excellent corrosion protection.

The Durarep ZR primer actively resists corrosion in the repair area and avoids the generation of incipient anodes in adjacent areas. After the priming, abe's Epidermix 344 wet-to-dry epoxy will be applied as a bonding agent, with the company's Durarep FMC subsequently used as a structural repair mortar. Epidermix 344 is a two-component, solvent-free epoxy adhesive.

If applied onto reinforcing steel, the product causes no loss of concrete-steel bond strength. Durarep FMC is a shrinkage-compensated fluid microconcrete grout that can be applied by pouring or pumping. It is nontoxic and

chloride free, and is ideal for silo or water-cooling tower repairs.

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