

SAB Miller Building Basement

Braamfontein, South Africa

BACKGROUND

This SAB Miller heritage building in Braamfontein, South Africa had many defects in the existing plaster and concrete basement area and required repair. Because this was a heritage site, any waterproofing and repair would have to be conducted without damaging existing plantation and vegetation on site. Essentially, this meant that only waterproofing systems that could be applied from the negative side of water pressure could be used.

SOLUTION

Kryton's crystalline waterproofing technology is unique in its ability to repair a damaged structure from the negative side of water pressure. The system is also cost-effective, and ensures the longevity of the concrete structure.

The Krystol Leak Repair was employed to successfully repair and waterproof the reservoir: first, Krystol Plug™, a rapid-setting hydraulic cement product, was used to stop water penetration, following which Krystol Repair Grout™, which is used to resurface defective or deteriorating concrete, was used to stop the concrete from cracking. Lastly, Krystol T1® was used on the surface to transform concrete into a waterproof barrier.

SAB Miller was extremely satisfied with Sanika's commitment to the project and with the final result: a dry, impermeable (to water) concrete surface which helped restore the heritage site to its original splendor.

CLIENT:

Liberty Group Properties (Pty) Ltd.

SCOPE:

Concrete Waterproofing and
Crack Repair of Concrete Spalling and
Pipe Penetration

DISTRIBUTOR:

Sanika Waterproofing Specialists

PRODUCTS:

Learn more at kryton.com
Krystol Leak Repair System,
Krystol T1®
Krystol Baricote™



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