

Project:
BCL mine

Location:
Selbi Pikwe, Botswana

Project completed:
2012

Owner/s:
BCL mine

Applicator/Contractor:
Indufloor

Designer/Architect/Specifier:
Indufloor

Scope of project:
500 m²

Products used & amounts:
Ucrete UD 200
MasterEmaco® S 750

Fast track floor solution for change house BCL mine - Selbi Pikwe, Botswana



Our reference in Selbi Pikwe (Botswana): BCL mine

The background

BCL is a chrome mine based in Botswana. The change rooms at their shafts are subjected to over 1000 personnel per shift passing through it every day. The high level of traffic, water and soaps used to cause the existing tile floor to fail and break down the concrete underneath. Making it very hazardous and unhygienic. In addition to improving hygiene, the client specified a slip-resistant surface that could withstand the high demands that tiles could not provide..

The challenge

The contractor had to remove the existing floor tiling, which had failed due to the high levels of traffic. The time constraint that was imposed on the contractor was extremely short as the mine did not shut. A temporary change house was erected during the project. Removal of the tile and its adhesive was done with jackhammers and repairs were needed using MasterEmaco range from BASF.

Contact

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BASF
We create chemistry

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Our solution

The client selected the specialist-flooring contractor Indufloor to install, Ucrete UD 200, a heavy-duty polyurethane concrete overlay system. Ucrete UD 200 was installed in a phased work schedule at 6 mm thickness with Ucrete SC primer. Repairs with MasterEmaco S 750 were used for all micro concrete repairs before application. Ucrete floors have been used in food processing environments for over 35 years and are characterized by their long-term durability in heavy-duty environments.

The customer's benefit

The rate of return paired with Ucrete's durability, wear resistant, impressed the BCL management. They are planning to roll out all their change houses in the future using BASF products

Projects facts at a glance

- Fast curing
- Non-tainting
- Non-slip under wet conditions
- Impact resistant
- Resistant to temperature up to 80°C
- Hygienic & easy to clean
- Resistant to a wide range of chemicals

Master Builders Solutions from BASF

The Master Builders Solutions brand expresses BASF's expertise in providing customized chemical solutions for new construction, maintenance, repair and restoration of structures.

Master Builders Solutions is built on the experience gained from more than a century in the construction industry. At the core of the Master Builders Solutions brand is the combined know-how and experience of a global community of BASF construction experts, who connect with you to solve all of your construction challenges.

Further information is available at:

www.africa.master-builders-solutions.basf.com