

Project:
Chemical Plant Bund

Location:
Bradford

Owner/s:
BASF Bradford

Applicator/Contractor:
ACC Flooring

Market sector:
Wastewater Industry

Products used & amounts:
Ucrete UD 200
Ucrete RG
MasterSeal 7000 CR based on
Xolutec technology comprising:
MasterSeal P 770 Primer
MasterSeal M 790 Topcoat

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Chemical Plant Bund, Bradford

Waterproofing and concrete protection of walls and floor



Our reference in Bradford (United Kingdom): Chemical Plant Bund

The background

A chemical bund required refurbishment as part of a rolling programme to maintain assets on the site. The existing coating had shown signs of weathering and the floor and walls required treating with a chemically resistant floor and coating system.

The challenge

The contract required the removal of loose coating and contamination back to sound substrate. The contract required a chemically resistant floor and render to the concrete floor and upstand.

A moisture tolerant primer was required that could be applied onto damp concrete and brickwork. A moisture tolerant, flexible topcoat was required with proven chemical resistance.

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Our solution

The concrete surface was ground to remove all loose coating. Ucrete UD 200 was applied at 6 mm thick to re-profile the concrete floor. Ucrete RG was applied at 4mm thick to protect the concrete upstands within the splash zone. MasterSeal P 770 primer, was applied to the engineering brick walls followed by one coat of MasterSeal M 790 grey and one coat of MasterSeal M 790 red.

The customer's benefit

- Ucrete UD 200 and Ucrete RG have a proven track record providing chemical resistance within bund applications.
- MasterSeal P 770 primer can be applied onto a solid, surface dry but damp substrate. No weather protection of the wall prior to application of the primer was required.
- MasterSeal M 790 will resist a wide range of chemical attack; whilst remaining flexible to accommodate thermal movement from its external location.

Projects facts at a glance

- Chemical bund Bradford
- Resurfacing of concrete floor, upstands and coating of engineering brick wall surfaces
- Xolutec technology
- Moisture tolerant Primer and Topcoat applied; resistant to chemical attack

Master Builders Solutions by MBCC Group

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