

Project:
Poultry Processing Plant

Location:
Wrexham

Owner/s:
Maelor Poultry

Applicator/Contractor:
Kemtile

Market sector:
Wastewater Industry

Products used:
MasterSeal 586
MasterSeal 7000 CR based on
Xolutec technology comprising:
MasterSeal P 770 Primer
MasterSeal M 790 Topcoat

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Poultry Processing Plant, Wrexham

Concrete Protection of Gas Pit Walls



Our reference in Wrexham (United Kingdom): Poultry Processing Plant

The background

The company opened a new processing facility at the site of the former First Milk Dairy site in Wrexham, North Wales. The project has seen the former dairy buildings transformed into a brand-new poultry processing facility, with the addition of several extensions to increase the production capacity.

Two newly constructed concrete pits used to process poultry, required protection from the controlled gaseous atmosphere they will contain.

The challenge

The contract required a cementitious levelling mortar and blow hole filler to re-profile the concrete surface to ensure a continuous membrane could be applied to the pit surface.

A moisture tolerant primer was required that could be applied onto a hardened mortar with a high relative humidity.

A moisture tolerant, flexible top coat was required with proven chemical resistance.

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Poultry Processing Plant, Wrexham

Waterproofing and concrete protection of chamber walls



Our reference in Wrexham (United Kingdom): Poultry Processing Plant

Our solution

The concrete surface was ground to remove all contaminants. MasterSeal 586 cementitious levelling mortar and blow hole filler was applied to re-profile the concrete surface. After 3 days MasterSeal P 770, a moisture tolerant primer was applied followed by 2 coats of MasterSeal M 790 top coat in Grey.

The customer's benefit

- MasterSeal 586 can be used to both re-profile concrete where shutter slippage has occurred during construction and to fill minor blow holes.
- MasterSeal P 770 primer can be applied onto solid but still curing surface dry repair material.
- MasterSeal M 790 will resistant air borne chemical attack whilst remaining flexible to accommodate future movement or vibration.

Projects facts at a glance

- Gas Pits at poultry processing plant, Wrexham
- Repair of concrete surfaces.
- Moisture tolerant Primer and Topcoat applied, resistant to air borne chemical attack.

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