

Project:

Service Reservoir
Access Covers

Location:

East Sussex

Owner/s:

Southern Water

Applicator/Contractor:

J Browne Construction

Market sector:

Clean Water Industry

Products used:

MasterSeal 586 Levelling mortar
MasterSeal P 770 Primer
MasterSeal M 686 Membrane

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Service Reservoir Access Covers, East Sussex

Waterproofing and refurbishment of access covers



Our reference in East Sussex (United Kingdom): Service Reservoir Access Covers

The background

A series of service reservoir access covers at this reservoir required waterproofing as part of a refurbishment of the roof structure.

The challenge

A moisture tolerant primer was that could be applied onto damp concrete.

A rapid curing, UV resistant, elastomeric membrane resistant to rain showers within 3 hours of application.

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Our solution

The concrete surface was ground to remove all contaminants. A fillet of MasterSeal 586 levelling mortar was applied to the base of the upstands. MasterSeal P 770 primer was applied by roller to the surface dry concrete. After 24 hours MasterSeal M 686 was applied in two coats by roller. Grit was applied to the wet MasterSeal M 686 on the upstands to provide further protection prior to back filling and landscaping.

The customer's benefit

- MasterSeal P 770 can be applied to damp surface dry concrete.
- MasterSeal M 686 rapid setting 100% polyurea membrane is resistant to UV light and does not require a protective topcoat.
- MasterSeal M 686 will be resistant to rain showers 3 hours after application, at 20°C.

Projects facts at a glance

- Reservoir Access Covers, East Sussex
- Waterproofing external concrete upstand and horizontal surfaces
- Moisture tolerant, Xolutec technology primer
- UV resistant, rapid setting, elastomeric membrane.

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