MOYMATERIALS
Waterproofing & Insulation Specialists

ENKE WATERPROOFING 39 KING ST Project: 01063

Site Address
Hammersmith,
W6
London

Client

Specification written by:
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Specification

Pre-contract conditions:

- Prior to tendering the contractor should ensure that they have examined all drawings and specifications and ensure they understand all (if any) restrictions regarding this work. No claims from failing to carry out these checks will be accepted.
- Regardless to any core samples taken by Moy Materials UK, the contractor should take their own core samples to satisfy themselves with the roof build-up.
- The contractor is to supply all necessary plant and access equipment to carry out the work in a safe and efficient manner (unless advised differently by the contract administrator)
- The contractor is not to display any advertisements other name a company their company name and telephone number.
- The contractor is to ensure that all persons employed by them are suitably skilled to carry out the works described in this specification.

These conditions apply in all circumstances except where the contract administrators preliminaries and conditions override the ones stated in this document.

This specification was correct at the time of the survey, however the roof will deteriorate over time and so details are likely to change. If there are any details that the contractor feels have missed or are incorrect, they should be bought to our attention before the work is tendered for.

Warranty:
This work is to be covered by the Moy Materials 20 year single point, workmanship and materials guarantee. In order to issue this warranty a Moy Materials representative must inspect each element of the system build-up before the next is installed.

A minimum of one inspection a week is required. Followed by a final inspection once all work is complete. The contractor should ensure that all “snagging” is complete BEFORE this visit.

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Changes And Variations:

General-
All changes must be agreed in writing between all parties concerned and the specification changed accordingly before any new work takes place.

Scope of application
This specification is suitable to the application of a liquid waterproofing system to a timber/woodwool slab roof deck not exceeding 5 degrees from the horizontal.

Advisory
It is good roofing practice that when using liquid waterproofing systems all detail and upstand work is completed first. This will enable you to move quickly and easily across the roof without obstructions or delay.

The liquid roofing system should only be installed in temperatures of 2 degrees centigrade and rising.

New concrete must be at least 28 days old before the waterproofing system is installed.

The roof is to be touch dry prior to the application of primer or waterproofing system.

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Section 1, Preparation.

1.1
Mask of any areas near the area to be waterproofed to avoid any overrun.

1.2
Any blisters in the felt are to be star cut and sealed using a torch or adhered using cold adhesive .

1.3
Any large cracks in the asphalt are to be filled using a suitable repair compound

1.4
All joints in the coping stones are to be inspected and repaired if necessary.

Section 2, Cleaning and Priming:

2.1
Roof is to be swept of debris and any areas of excessive dirt or grease build up should be cleaned using a suitable detergent.

2.2
Any known fungus growth or moss should be treated using a fungicidal wash or mordant soloution of bleach prior to the primer application.

2.3
Prime entire roof field area, details, penetrations and all upstands using Enke 933 universal primer at a rate of 8m2 per kilo of material. Drying time for the primer is approximately 10-15 minutes based on an ambient temperature of 20 degrees centigrade and using the suggested coverage rate. Try to avoid applying more primer than the stated rate as this will impact on the drying times.

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Section 3, Waterproofing:

3.1

Using a roller apply the Enke waterproofing at a rate of 2kg per m2 to the field area and lay the polyester fleece straight into the wet material, overlapping the end and side laps of the fleece by 50mm.

3.2

Whilst wet apply a further coat of Enke waterproofing at a rate of 1kg per m2, ensuring there are no dry areas of fleece exposed. (this will provide the final finish so care should be taken to ensure good aesthetics)

Section 4, Details and upstands:

4.1

Using a brush or roller apply a base coat of Enke-pur liquid waterproofing @ a rate of 2kg per m2 to the upstands and lay the polyester fleece straight into the wet material overlapping the end and side laps of the fleece by 50mm.

4.2

Whilst wet apply a further coat of 1kg per m2 of enke liquid to the upstands, ensuring there is no dry areas of fleece.

4.3

With brush or roller, apply the liquid waterproofing system to the pipe penetrations and all other roof details @ rate of 2kg per m2 and lay the polyester fleece straight into the wet material. The polyester fleece should be cut at the base of the pipes in order to span out onto the field area by at least 50mm.

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4.4

Whilst pipe penetrations and other roof details are still wet apply a further coat of Enke waterproofing liquid at a rate of 1kg per m2, ensuring there are no dry areas of matting and that the matting is fully bonded to the substrate.

4.5

All penetrations should be waterproofed to a height of 150mm above the finished roof level and if a suitable termination cannot be achieved then a cable tie or clip should be used for termination.

4.6

Suitable edge details, trims and terminations are required at all termination points on the roof. GRP trims are most suited to this application however other trims, terminations and flashings are acceptable.

4.7

Dress the liquid waterproofing as far as is practical (min 80mm) down into existing outlets by star cutting the polyester fleece and using a 45 degree long bodied paintbrush. It is essential that there are no dry areas of fleece as this could lead to capillary water ingress.

Section 5, Completion:

5.1.

Sweep roof and clear all debris from site.

5.2

Ensure all outlets are clear and operational.

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