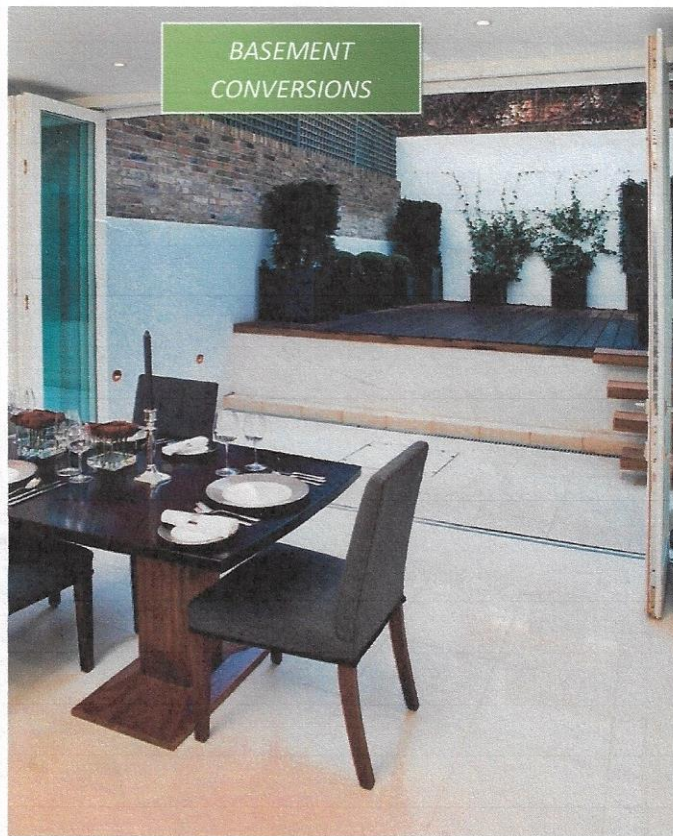




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STRUCTURAL WATERPROOFING & BASEMENT SPECIALISTS



BASEMENT
CONVERSIONS



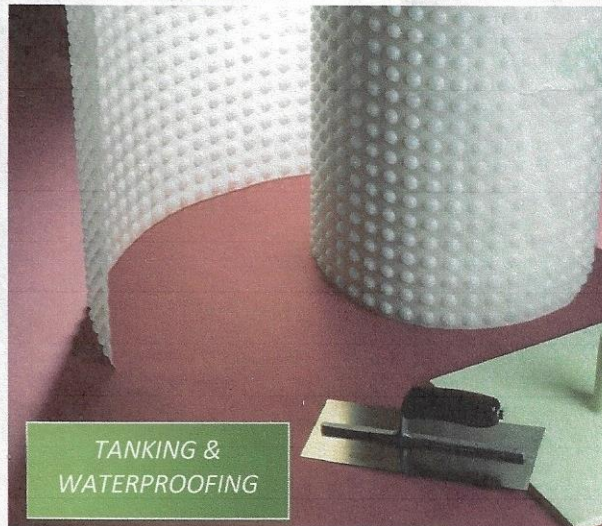
NEW BUILD
BASEMENTS



BASEMENT
RENOVATIONS



BASEMENT
EXTENSIONS



TANKING &
WATERPROOFING

PROJECT REFERENCE

29754

CLIENT NAME	Martin Roger Flemming		
CLIENT ADDRESS		CONTRACT ADDRESS	245 Oxford Road Reading RG1 7PX
TELEPHONE NUMBER	07963 485 573	DATE	3 February 2020

Box 800

9 June

Biocraft Ltd – Company Number 04527916 VAT registration number 811 5948 28
Registered office – Kings Arms Vaults, The Watton, Brecon, Powys, LD3 7EF
Head office – 109 School Road, Reading, Berkshire RG31 5BH
0800 781 8358 01189 451144 01189 452517 (FAX) Info@biocraft.co.uk

PROJECT DESCRIPTION

To provide a quotation to carry out waterproofing and damp proofing to the basement area

RECOMMENDATIONS

Given the current use of the basement area, the need to prevent water ingress and the client's specification it is recommended that a cavity drainage membrane (CDM) system designed to BS8102:2009 is installed to the basement. BS8102:2009, the Code of practice for protection of structures against water from the ground is the basis for basement design, and contains guidance on environmental grades, height of water tables, drainage and other information that is used to ensure that a basement waterproofing system will function correctly.

A cavity drainage membrane (CDM) system comprises of studded plastic membrane applied to all walls and floor, a series of drainage channels to remove any water to a sump chamber where a pump passes the water to a drain. The Isola Platon cavity membrane system is British Board of Agreement Approved for basement waterproofing applications.

We have assumed that you will need to install at least 50mm of PIR type insulation as part of the basement conversion so have allowed for the aquachannel to sit on the concrete slab with the insulation sandwiched between the waterproof membrane and then covered with a 22T&G chipboard flooring. The floor build in this scenario is 92mm.

We have priced an alternative option should there be no requirement to add floor insulation, where the floor build up is only 3-5mm.

SPECIFICATION

Site Preparation

- Client to carry out all structural alternations prior to our arrival, including lifting the heads of the doors if required.
- Remove all door linings

OPTION 1 – Insulated floating floor

Waterproofing

- Remove plaster as required
- Membrane - Fit Isola platon cavity drainage waterproofing system, including Isola Platon P8 membrane to all perimeter walls, Dryflex membrane to internal walls and P20/Stop membrane to the floor.
- Drainage - Aqua channel around the perimeter of the basement leading to the preformed sump chamber. Fit three inspection points for the aquachannel to allow periodic maintenance.
- Sump and pumps - This cavity membrane system is installed with two pumps in the chamber with a high level audio alarm fitted. The second pump in the chamber acts as a back up should the primary pump fail. In addition, a battery operated back up pump is also available which would continue to operate for an extended period should the electricity supply to the property be interrupted. Client to carry out electrical and plumbing connection.
- Alarm – 9v battery operated alarm. Alarm upgrades are available.
- Testing - Flood test floor and drainage system prior to laying floor membrane.
- Lay client supplied closed cell insulation (min 50mm) and then client supplied 22mm T&G chipboard flooring
- Leave ready for client to dry line perimeter walls and plaster and or dab apply plasterboard to internal walls, and complete refurbishment

OPTION 2 – Surface applied membrane

Waterproofing

- Membrane - Fit Isola platon cavity drainage waterproofing system, including Isola Platon P8 membrane to all perimeter walls, Dryflex membrane to internal walls and TT vapour and damp membrane to the floor with protective latex coating.
- Drainage - Aqua channel to be recessed into floor around the perimeter of the basement leading to the preformed sump chamber. Fit three inspection points for the aquachannel to allow periodic maintenance.
- Sump and pumps - This cavity membrane system is installed with two pumps in the chamber with a high level audio alarm fitted. The second pump in the chamber acts as a back up should the primary pump fail. In addition, a battery operated back up pump is also available which would continue to operate for an extended period should the electricity supply to the property be interrupted.
- Alarm – 9v battery operated alarm. Alarm upgrades are available.
- Testing - Flood test floor and drainage system prior to laying floor membrane.

All basements require adequate heating and ventilation to prevent the formation of surface or interstitial condensation. We can advise on suitable modes of ventilation for the basement area.

GUARANTEES

WATER PROOFING GUARANTEE

All specialist works carried out by Biocraft Ltd. are covered by a company guarantee. Waterproofing works are guaranteed for a period of ten years following the completion of the work. This can be protected with the GPI insured guarantee scheme below.

GPI INSURED GUARANTEE SCHEME

The GPI insured guarantee scheme offers a back up to the Biocraft company guarantee. This will provide you with an insurance backed guarantee for 10 years. This guarantee will be honoured by the scheme in the unlikely event of Biocraft Limited ceasing to trade in the period of the guarantee. The GPI insured guarantee provides you and future owners of the property with the benefit of "guarantee protection".

For more information please visit <http://www.gp-insurance.co.uk/main.php>

PROPERTY CARE ASSOCIATION (PCA) PROMISE

Biocraft are members of the Property Care Association (PCA) and as such are able to offer our customers the PCA promise to protect deposits and work in progress. The PCA Promise is a new type of warranty which covers timber treatment and damp-proofing works, as well as structural waterproofing and remedial wall ties. It covers contracts placed with PCA members for;

Damp proofing Timber preservation Structural waterproofing Structural maintenance

This is for domestic premises where the contract price (including VAT) is more than £250 and up to £50,000.

The PCA Promise meets the criteria required by TrustMark.

Under the scheme, the Association gives blanket coverage to its contractor members, so they can offer a guarantee on behalf of the PCA to cover their customers for work in progress and deposits. There is no additional cost to customers for the guarantee, which ensures that should any contractor member of the Association go out of business while work is being done, then another PCA contractor will complete the work to the original specification at no extra cost to the customer.

TRUSTMARK

PCA is a member of TrustMark, the scheme supported by Government to help property owners find reliable and trustworthy tradespeople to make home improvements. TrustMark helps customers find reputable firms to do repair, maintenance and improvement work inside and outside the home. As a trade body accredited with the TrustMark logo, the PCA has met stringent criteria, verifying that the tradesmen it represents can be depended upon to do a good job. Technical skills, financial position, insurance provision and customer care policy are just some of the areas in which the Association has set demanding standards. For further information about TrustMark visit www.trustmark.org.uk