



2020

# FLOODSENSE CONTRACTING

## COMPLETE STRUCTURAL WATERPROOFING SOLUTIONS



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# About Us

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There are many contractors who state that they are basement / cellar waterproofing and tanking specialists, when in fact they know very little of the processes involved in structural waterproofing.

When these contractors carry out poor installations they put your property, reputation and your professional indemnity at huge risk. All of which could put you out of business or take years to recover from.

Kevin Williams, founder of Floodsense has been involved within the water damage restoration and disaster management industry for over 20 years and has first hand experience at what is required in structural waterproofing of structures, he states:

“Seeking advice from those that have more knowledge and expertise than me has been a fundamental tool in my kit, I have never been too wrapped up in my own self worth to not pick up the phone and ask for help. Not only has this protected our brand, reputation and PI but has also developed trust with our clients”

Based on Kevin’s principles above, Floodsense surveyors are CSRT (Certificated Surveyor In remedial treatment) and CSSW (Certificated Surveyor in Structural Waterproofing) accredited and have many years hands on experience within the industry and so offer expert and professional advice from the smallest to the largest of projects.

As with Floodsense’s surveyors, our installers also have a long track record within the structural waterproofing and tanking industry and have attended many training courses pertaining to this chosen profession.

## **So Why Choose Floodsense?**

Not only do we engender a learning culture within the company but we are always striving to enhance the quality of our materials, products and services so that Floodsense remains the number one choice for structural waterproofing and damp proofing needs.

# Working Together

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Floodsense Contracting offer far more than structural waterproofing solutions, we are your business partner. We're not only dedicated to making life easier for you but to helping ensure that your business and projects run as smoothly as possible.

Floodsense Contracting provide specialist advice and PI covered design services, as well as insured backed guaranteed structural waterproofing installations. We also provide products from leading manufacturers, utilising 'cutting edge' waterproofing technology that has taken years to develop.

By providing our clients access to the skills and expertise Floodsense Contracting provide, has given them the peace of mind knowing that their projects are in safe hands.

**FLOODSENSE CONTRACTING - THE TEAM  
YOU CAN TRUST**



# WATERPROOFING - THE FLOODSENSE CONTRACTING WAY

Floodsense Contracting offer a full feasibility, design and installation services as well as a full range of waterproofing solutions for our clients. We recognise that waterproofing services require a bespoke approach to each and every project.

There are those that require a simple design service and there are others that require a complete waterproofing system or maybe even a full basement / cellar conversion including plumbing and electrics. Floodsense Contracting can cater for any requirement.

Our waterproofing systems are designed to work in harmony with the construction being worked on and with the water problem itself, we do not simply attempt to 'stop' the flow of water, we in fact control this flow through specially designed drainage. Once wall membranes have been fitted by our specially trained staff this forms a protective underlay which allows the surfaces to be dry lined or plastered directly over depending on the type of membrane used. The wall membranes and fixing systems are free from CFC's and HCFC's all adjoining membranes are sealed together using a self-adhesive tape or butyl rope.

Any water that penetrates the substrate behind the membrane falls to its lower edge where it is channelled into a pre-designed drainage system. The channel itself is perforated to the rear, allowing water to enter, which then flows freely to a sump or other drainage point.

All Floodsense Contracting waterproofing solutions comply with BS8102 and are backed by guarantees.



With over 10 years experience supplying and installing effective waterproofing solutions, you can be assured that we will provide the perfect solution for your waterproofing project.

# WATERPROOFING - THE FLOODSENSE CONTRACTING WAY

Floodsense Contracting offer a range of waterproofing solutions from leading manufacturers to cater for projects of all sizes and budgets. As approved installers we can offer products from the following manufacturers:

- Delta
- Triton
- Wykamol
- Safeguard
- Edincare Pumps

Using a variety of manufacturers means that we offer a wide choice of waterproofing solutions either specified or not, these include but are not limited to:

- BBA Approved Membranes for Walls and Floors
- Drainage channels
- Sump and Pump Systems
- Damp-proofing Systems

We tailor all of these components to suit the exact needs of every project



# WHAT GOES INTO THE PERFECT WATERPROOFING PROJECT?

## 1) IDENTIFY & ANALYSE

- Analysis of key building factor
- Cost, performance, aesthetics, sustainability, design limitations and guarantee
- Basic outline specification

# THE PERFECT WATERPROOFING PROJECT

## 2) PRODUCT SELECTION, DESIGN & SPECIFICATION

- Choosing the right product for the right application
- Floodsense Contracting total product package
- Full specification suite from Floodsense Contracting
- Comprehensive details (project specific and bespoke design as required)
- Compliance with British Standards BS8102

## 3) SUPPLY

- Third party certification – BBA
- Products ordered and delivered from stock direct to site in factory controlled condition and on time

## 4) APPROVED INSTALLATION

- Qualified multi-disciplined staff
- Specialist product training

## 5) ON-SITE QUALITY ASSURANCE

- Knowledge transfer
- Pre-start meetings
- Collaborative quality assurance

## 6) GUARANTEE & MAINTENANCE

- Guarantee completion
- O&M information pack
- 3rd party warranty / guarantee provider sign off

**“Floodsense Contracting will always ensure that the highest industry standards are realised on all projects, and that third party building insurers’ design and construction standards are implemented and achieved without exception”**

# AT THE HEART OF A DRY PROJECT

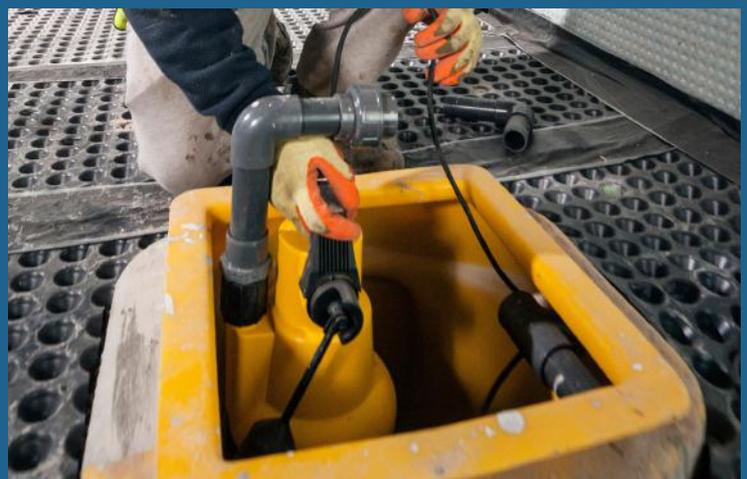
## DRY PROJECT

To keep a waterproofing solution dry all the time, it will require sumps, pumps and drainage channels to work cohesively with an array of wall and floor coverings available. Floodsense Contracting will only offer the best solutions for a particular project based on our vast experience and specific calculations.

As stated previously if any water penetrates a substrate behind the wall membrane this descends down into a pre designed drainage channel. These channels are perforated to allow water to enter and flow freely to a pre designed sump and pump system. These systems then safely and silently remove the water to a convenient outlet point.

Using a Floodsense Contracting sump and pump based waterproofing solution is the most reliable way to keeping your waterproofing project dry. But, if the system is not maintained, it may fail.

Floodsense Contracting can offer sump and pump maintenance solutions to clients UK wide even if the original installation was not one of our own.



An annual inspection focuses on the key components of the waterproofing system providing the client the peace of mind that their project will remain dry whatever the weather outside.

# OFFICE BLOCK - COMMERCIAL WATERPROOFING

## CASE STUDY -

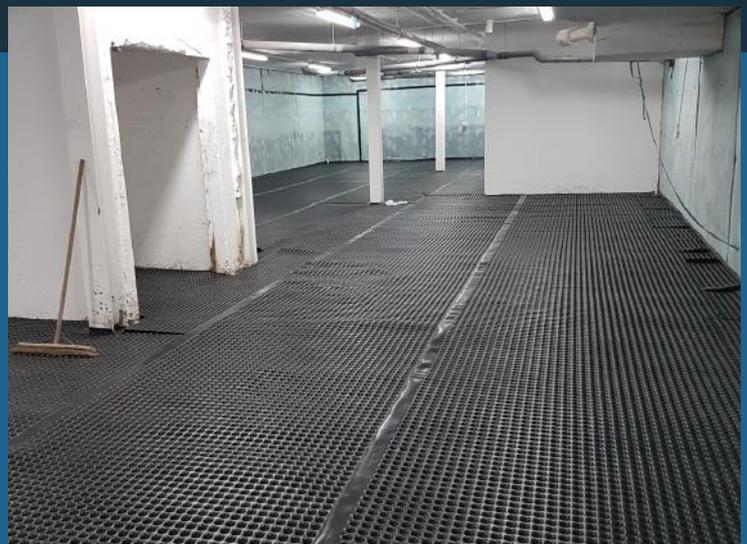
Floodsense Contracting were approached by a main contractor to survey the basement of the above office block with a view to waterproofing it.

Upon completion of this survey it was found that the basement suffered from the ingress of water due to the water table in this area being very high.

As the client wanted to rent the space out as storage of legal documentation, we proposed that the entire basement was tanked using a membrane system with a fully serviceable drainage channel system with sump pumps and battery back ups.

The solution involved:

- Stripping out of dry lined walls back to the concrete structure
- Levelling of basement floor with 44 tons of premixed concrete
- Digging out a suitable chamber for the Installation of sump and Pumps with battery backup
- Installation of drainage channels
- Installation of walled membrane



- Installation of floor membranes
- Finishing floor level with moisture resistance tongue and groove flooring
- Dry lining of all walls

Upon completion of the waterproofing system, Floodsense Contracting re-instated fittings, including plumbing and electrical supplies.

# BASEMENT - DOMESTIC WATERPROOFING

## CASE STUDY -

Floodsense Contracting were asked to go and look at a basement in Kings Lynn by the owners who had for years, suffered from a wet, smelly and unusable space beneath their home.

The main issue was the building being in a conservation area and so was listed.

We proposed using a membrane system with channels, sump and pump to create a dry habitable space for the homeowners to enjoy.

As the floor was laid with cobbles which formed part of the listed buildings features, we decided to lay an 8mm membrane directly over these prior to pouring premixed concrete to level the floor in order to protect them for future viewing if required.



“The work carried out was to a very high standard and we could not have been more pleased with result. We would recommend Floodsense Contracting to anyone wanting to turn an unusable, damp, cold and smelly basement area into a usable, warm and welcoming environment”

Mr and Mrs Rains, Kings Lynn, Norfolk

### Our solution involved:

- Laying of an 8mm protective membrane over listed features
- Pouring 5 ton of premixed concrete to level flooring
- Creation of new sump and pump chamber

- Installation of drainage channels and new sump pump
- Installation of wall and floor membranes
- Plastering of all walls
- Laying of moisture resistant tongue and groove flooring

# TECHNOLOGY SOLUTIONS

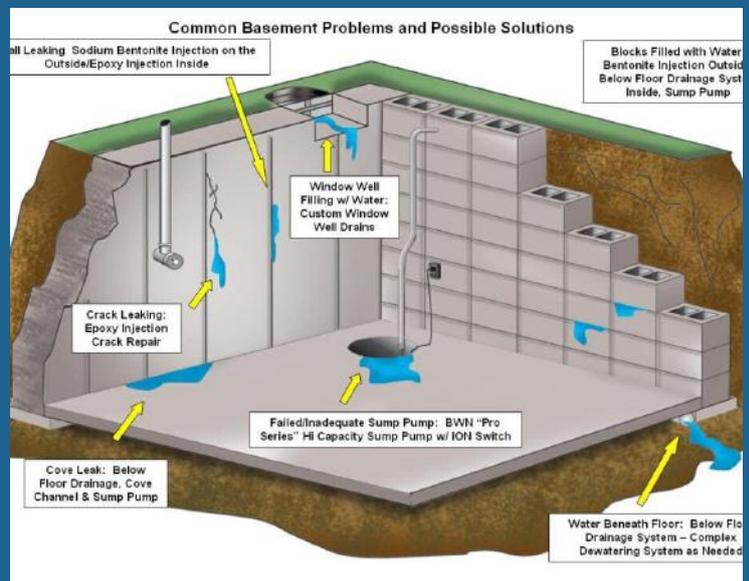
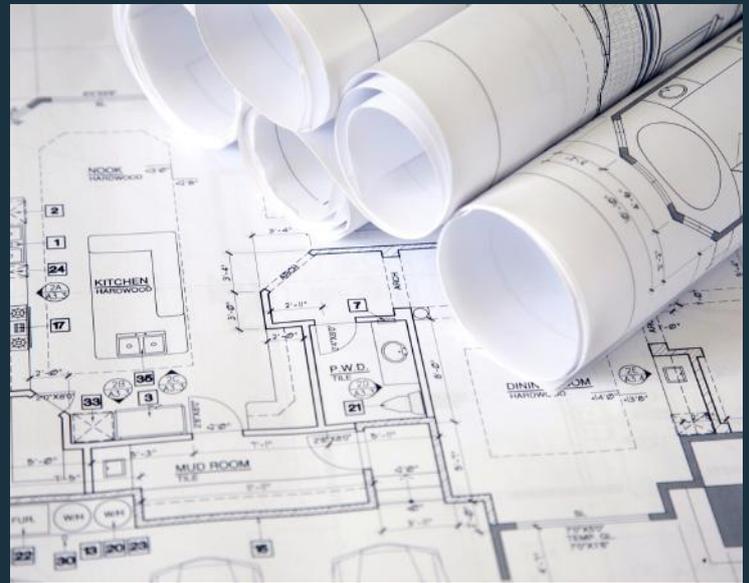
## TECHNOLOGY

Floodsense Contracting constantly review our use of technology both in the products we use and the services we provide to our clients.

At Floodsense Contracting we offer PI covered design services all produced for your project on our very own CAD systems.

Either designing from scratch or incorporating our solutions into your existing plans,

Floodsense Contracting are on hand to turn your project into reality with speed and efficiency.



# WHY CHOOSE FLOODSENSE CONTRACTING?

Floodsense Contracting has developed an impressive client list - from Nuclear facility's to national house builders, blue chip organisations to household names. They have all have benefitted from our vast amount of knowledge and experience.

## Professional Competence

- PI covered designs by CSSW qualified engineers
- Approved by leading architects and surveyors
- Long term fully insured guarantees from 3rd party provider
- Fast, friendly, knowledgeable local service - Nationwide
- Fully insured for product and public liability
- Health and Safety approved products
- Conscientious and tidy workmanship from fully trained and trustworthy tradesmen
- CPD Seminars



# CONTACT US



GO-TO CONTRACTORS FOR BELOW AND ABOVE  
GROUND WATERPROOFING AND DAMP PROOFING  
PROJECTS

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FOR MORE BROCHURES,  
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