

# Waterproofing Below Ground Structures

Sealing structures below ground against water infiltration can be a real challenge. Rising water tables combined with rising property prices and the need to make use of existing space have also led to an increased demand for reliable tanking systems for basements and other underground structures, many of which were not originally designed to resist water ingress.

Dampness can be a particularly persistent problem on the internal walls of concrete and brickwork basements, and a reliable repair and protection system is therefore required to provide a fully waterproof tanking solution.



# Long-Lasting Protection from Flexcrete

Flexcrete's structural waterproofing and tanking systems offer practical, long-lasting solutions to a range of typical problems.

Suitable for both refurbishment and new build works, our impermeable, sulphate resistant, cementitious coatings are ideal for the structural waterproofing of below ground and water retaining structures. Perfect for application to damp surfaces, they provide outstanding waterproofing performance and long term structural protection.



# Quality & Sustainability

Since the mid 1980's, the Flexcrete brand has been associated with high quality engineering solutions for a wide range of diverse market sectors. Our modified cementitious coatings, technical mortars and decorative protective coatings offer outstanding reliability and ease of use, together with performance levels unmatched by the competition.

We have always pioneered the use of waterborne technology and our materials have ultra-low VOC levels and minimal odour. We are 100% committed to ensuring that our operations are conducted in a sustainable manner by adhering to eco-efficient principles. Our zero emissions production facility is powered by renewable energy and we optimise the use of recycled components. Flexcrete materials have a long design life which is easily extended, ensuring that asset owners are able to make responsible decisions in the knowledge that long-term environmental impact is minimised.



## Flexcrete

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## Flexcrete

Structural Repair & Protection Technology

# BASEMENT WATERPROOFING GUIDE



## Complete Waterproofing Protection for Basements & Below Ground Structures

# Single Source Protection

Flexcrete's package of high performance cementitious coatings and technical mortars has been specially designed to meet a wide range of basement waterproofing requirements. Whether it's floors or walls, our trusted suite of UK manufactured products offers comprehensive, reliable, protection in even the most demanding situations.

## Key Features & Benefits

Flexcrete's basement waterproofing products offer a number of practical and performance benefits, including:



### Pre-Bagged Materials

Our cementitious products only require mixing with clean water and are extremely quick & easy to install.



### Waterproofing Performance

Monolevel RM conforms to BS 8102 and is resistant to 7 bar water pressure at just 10mm applied thickness.



### Excellent Bond & Tensile Strength

Key products are fibre-reinforced for extra strength, ensuring long-lasting, monolithic performance.



### Environmentally Friendly

With low VOC, low odour, water-based formulations, Flexcrete products are non-hazardous & safe to apply.



### Cost-Effective

Our cementitious coatings are extremely economical, requiring no substrate or inter-layer priming.

# The Simple One-Coat Basement Waterproofing Solution: Complete Protection for Floors and Walls

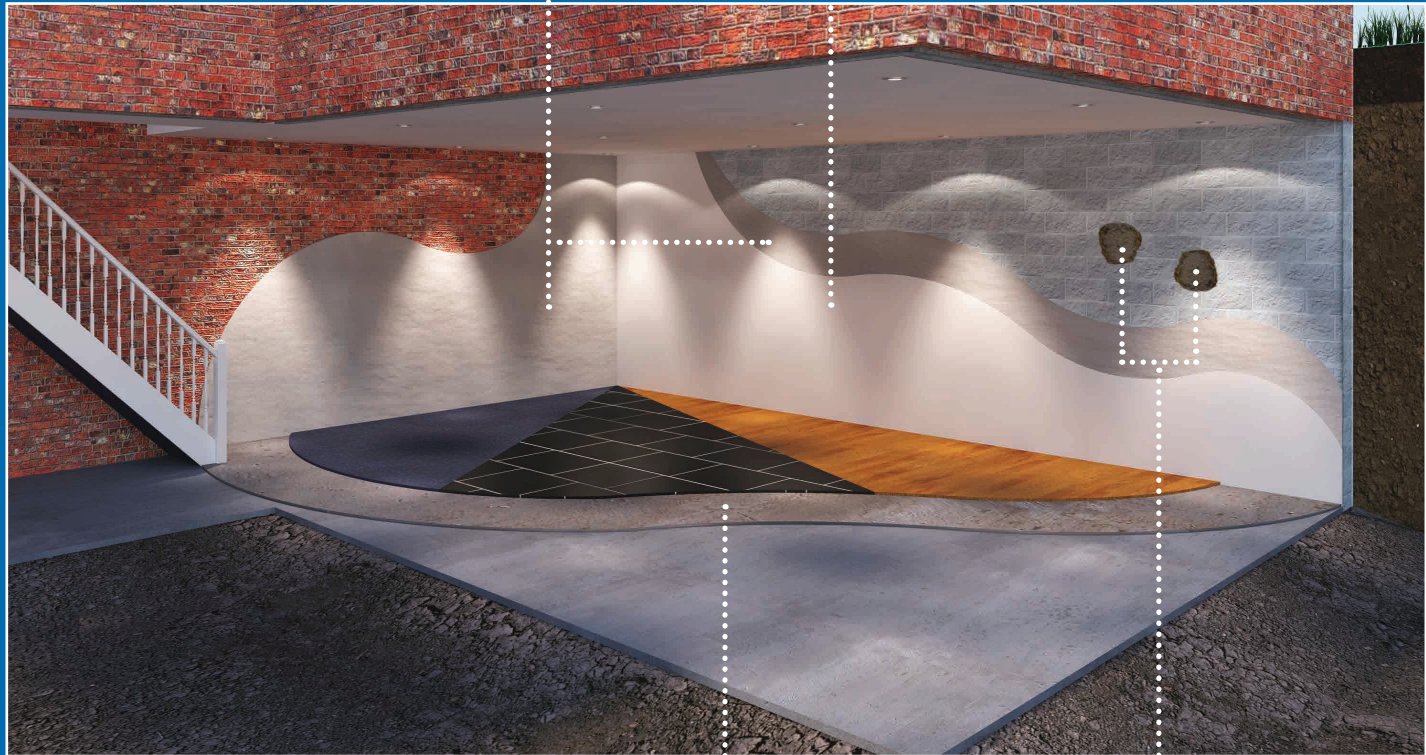
Flexcrete's complete structural waterproofing system includes everything you will need to ensure a water-tight, fully-protected basement:

## Monolevel RM

- Pre-bagged material that's quick & easy to apply
- Resistant to 7 bar water pressure & fibre-reinforced for extra strength and durability
- Compatible with all common wall finishes

## Biodex Sheen

- Hygienic, vapour-permeable semi-gloss coating
- Extremely fast-drying & easy-to-clean, and available in a wide range of attractive colours



## Cemprotec Levelling Coat

- Odourless, rapid drying, self-levelling mortar
- Can be overlaid after just 3 days & compatible with a wide range of common flooring systems

## Cemprotec E-Floor System

- Ideal for more demanding situations
- Excellent resistance to abrasion, water, chloride ions & aggressive chemicals

## Fastfill WP

- Rapid setting, water-plugging mortar
- Ideal for stopping water seepage under pressure through cracks, joints & voids in concrete and masonry