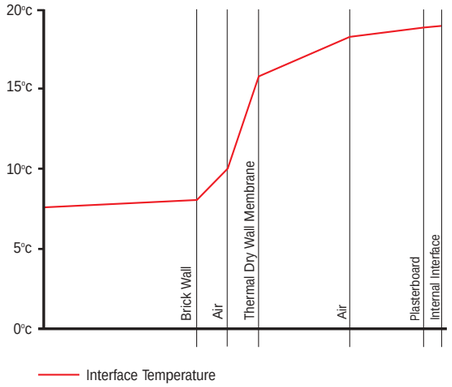
ThermalDry™ Wall Membrane

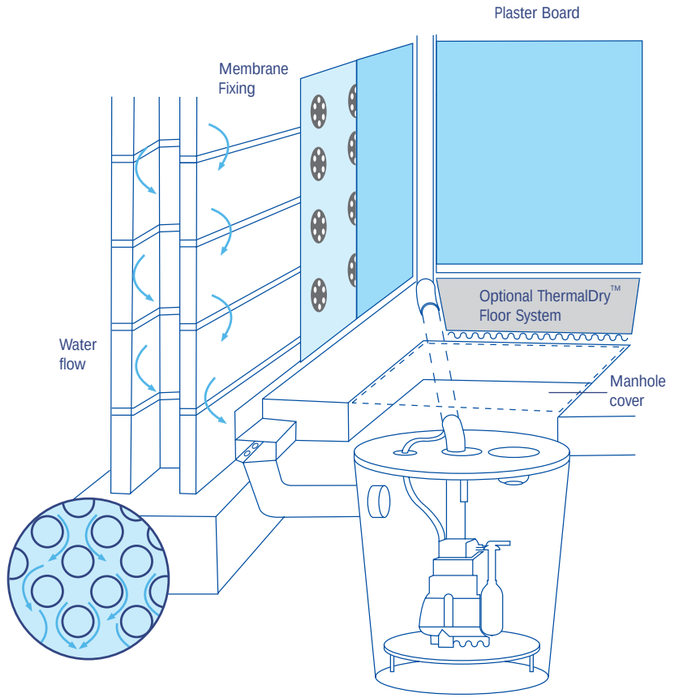
SETTING NEW STANDARDS IN BASEMENT WATERPROOFING FOR NEW BUILD AND REFURBISHMENT PROJECTS

ThermalDry™ used in conjunction with Waterguard™ and Supersump™ offers a genuine alternative to failed tanking systems. ThermalDry™ used as part of a drained cavity system enables compliance with the British Standard Type C drained cavity method and helps meet the new building regulation 2002 requirements for insulation in basements.

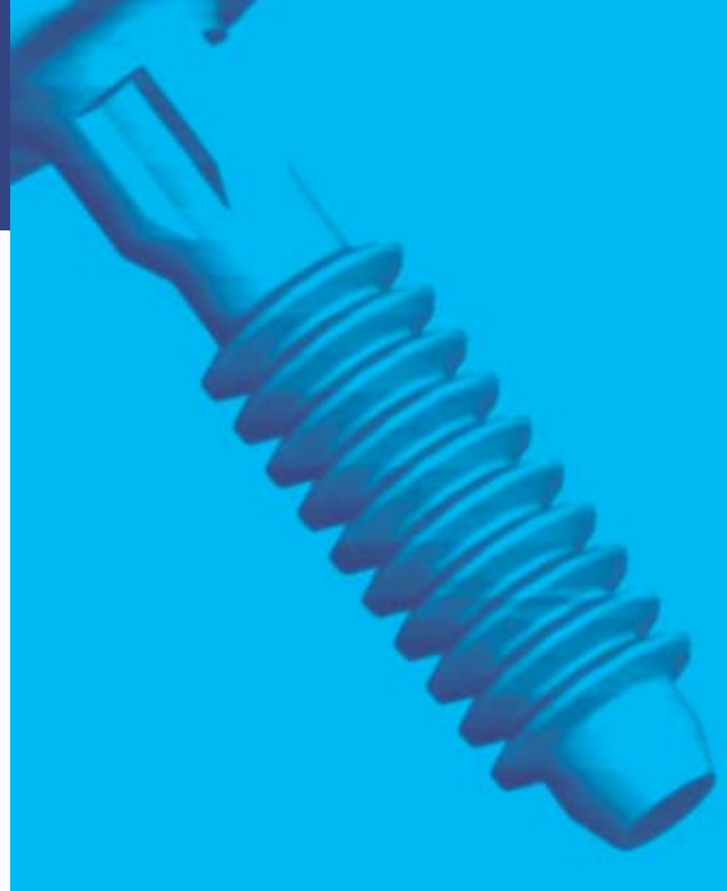
Typical Temperature Profile Graph



Further to calculating the thermal insulation requirements a prediction of condensation risk within the structure should be made in accordance with BS6229 1992 and BS5250 1999



Typical installation with Optional ThermalDry™ Floor System and man-hole cover. Basement water-proofing for the 21st Century.



BBA BRITISH BOARD OF AGREMENT CERTIFICATE No 04/3926

Basement Systems®

TYPE C DRAINED CAVITY CONSTRUCTION

BS8102 (1990) States *'…'this combination of construction and waterproofing is considered the most effective and trouble free…'*

Technical Data

- U-Value of 0.30-0.50 w/m²k in a typical installation
- Fire retardant - Class One
- CFC/HCFC Free
- Vapour resistance - 0.40Mns/g
- Chemical resistant
- Thermal Conductivity - 0.005 W/mk includes airspace
- Thermal resistance - 0.775 M²kw includes airspace
- Roll Dimension 1.35 m x 50 m jointing tape 75mm x 50m

ThermalDry™

Basement Waterproofing for the 21st Century

- Out performs Other Cavity Drainage Membranes
- Helps reduce risk of condensation
- Basement Waterproofing with Thermal Insulation and Fire Retardant Properties
- We work with clients and designers to create a safe dry living environment
- UK Patent Pending

Contact your local Basement System installer on:

www.basement systems.com

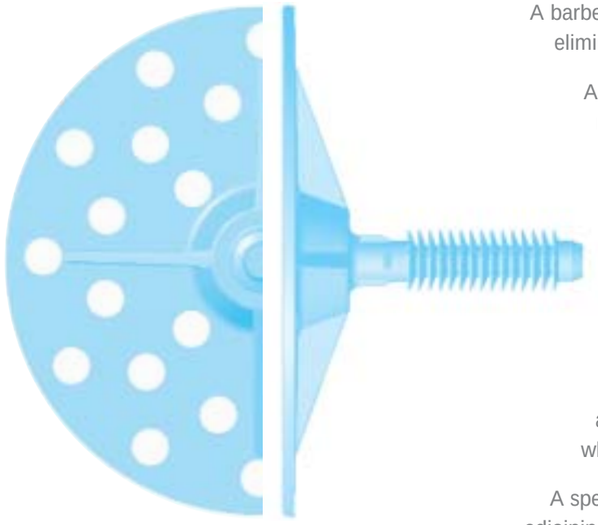
www.basement systems.co.uk

Flooded Basements are our Business

TURN YOUR WET AND FLOODED CELLAR INTO YOUR FAVOURITE ROOM. THE EFFECTIVE AND RELIABLE WAY TO SOLVE WET BASEMENT PROBLEMS - PERMANENTLY!

ThermalDry™

Unique Fixing System (Patent Pending)



A barbed spike forms a mechanical grip deep within the substrate eliminating dependence upon a surface bond.

A special collar helps to create the correct space between the membrane and the board lining for optimal thermal insulation. Plasterboard or other insulating board maybe used.

A waterproof seal is formed by a special sealant between the collar and the membrane.

The head of the fixing is a perforated disc which provides a platform for the adhesive dabs that hold the plasterboard in place.

Alternatively, if required, the fixings can provide a safe and easy fixing point for metal or timber battens to which plasterboard may be fixed.

A special self adhesive foil tape is used to seal joints between adjoining sheets of the membrane.

Fitting the Supersump™

Connecting Supersump™ to Waterguard™ Channel

- ThermalDry™ wall membrane is designed for use with the patented Waterguard™ Perimeter Drainage Channel and the Supersump™ System.
- A special drain outlet takes all the water from the Waterguard™ Channel to the recommeded Supersump™ or other drain outlet.

Preparing ThermalDry™ Grips

Joining Tape

Membrane and Plasterboard

Service Port

- Unique Service Ports allow access for future planned maintenance inspections.
- A Special adhesive neatly bonds plasterboard to ThermalDry™ grips.
- The Supersump™ system contains a powerful mains pump, Waterwatch™ alarm and optional battery back up facility.