

JOB NO. 3521

13 St. John Street, Manchester

For Nilesh Bhatt

Tanking Detail Concept

Studded Membranes (Oldroyd Membrane System)

The [Oldroyd membrane system](#) is particularly suited to waterproofing the Victorian basements commonly encountered in the UK as it does not rely on the soundness of the underlying substrate for its effectiveness. The membrane is sealed to walls and ceilings by means of special sealed fixing plugs, whilst on the floor there is normally no need for any form of fixing.

For a more eco-friendly solution, [Oldroyd Xv Black](#) can be used instead of [Oldroyd Xv Clear](#). Oldroyd Xv Black contains between 56 and 70% recycled plastic.

Oldroyd membranes can be covered with a variety of internal finishes, including:

1	Water-resistant insulation	2	Metal frame dry-lining system (Safequard Fastframe) with plasterboard finish
3	Screed	4	Floating floor (T&G chipboard)

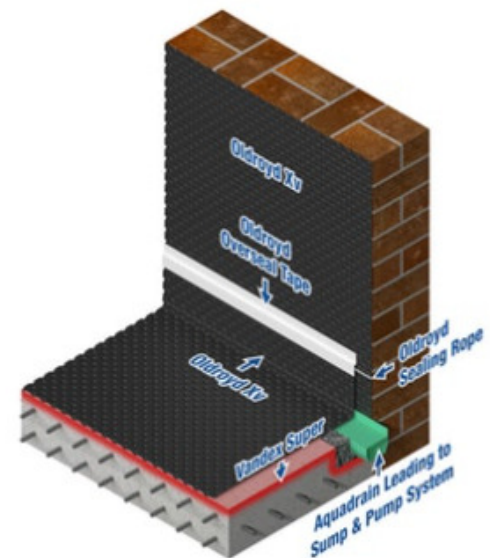


Figure 2: Oldroyd membrane basement waterproofing system

A drainage facility, incorporating a [sump and pump](#), will need to be included as part of the system. The [Aquadrain Perimeter Drainage Channel](#) may also be used to provide additional drainage at the wall-floor junction.