## 7 Lapford Road, Manchester, M18 8DL
## Application: 137278/FH/2023, REV - A

## Details for gas membrane:

## Product name: VISQUEEN GAS MEMBRANE

**Product information**
Visqueen Gas Barrier is a multi-layer reinforced polyethylene gas barrier with a 20 micron aluminium foil. The barrier is coloured blue on the upper surface and silver on the reverse.

- BBA certified - third party accreditation
- Complies with NHBC Foundation's NF94 guidance for use in Type A membrane locations
- Complies with the methane gas transmission rate, mass per unit area and thickness requirements of BS 8485:2015 + A1:2019 - industry standard for methane and carbon dioxide protection
- Flexible - easy to detail and install on site
- Multi functional - also acts as a radon and damp proof membrane
- Dual jointing methods - lap joints can be taped or heat welded

**Installation of Membrane**
The Gas membrane need be installed by professionals in accordance with BRE 211:2007. They are designed for concrete ground floors and can be installed either above or below the slab.

The gas membrane should extend the whole of the floor and walls. Make sure that it is laid on a smooth surface or one that has been sand blinded to prevent any punctures. It is vitally important that all joints are sealed including under walls and to gas DPCs. Two sections of membrane will require Radbar Double Sided Tape between the joint and Radbar Single Sided Tape Grey (Radon) over the joint.

You should also take measures to protect the membrane once it is laid. You can either cover the entire area with some form of temporary boarding or through the immediate laying of a floor screed.

# Raft Foundation Radon Barrier Detail

