

SPECIFICATION NOTES - VISQUEEN GAS BARRIER

Gas barrier and damp-proof membrane.

Third party certifications: BBA Agrément Certificate and DoP

Application

- The barrier can be positioned above or below a solid concrete ground floor slab or above a precast suspended segmental ground floor system (e.g. beam and block floor).
- Suitable for use in all types of buildings to prevent the ingress of harmful levels of ground gases e.g. methane, carbon dioxide and radon.
- The barrier can also be used as a high performance radon membrane and/or damp proof membrane.
- The product is not intended for use where there is a risk of hydrostatic pressure.

Description

A multi-layer reinforced polyethylene membrane with an integral aluminium foil. For ease of identification on site Visqueen Gas Barrier is coloured blue on one side and silver on the reverse. The barrier combines strength and performance with flexibility and easy installation.

Features and benefits

- BBA approved
- 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
- Low permeability to methane, radon and carbon dioxide.
- Approved for use in NHBC Amber 2 applications.
- Multi-layer reinforced LDPE membrane with aluminium core.
- High puncture and tear resistance.

General information

Colour: Blue/Silver

Finish: Smooth

Material: Polyethylene Aluminium Foil

Shape: Rectangle

Length: 50000mm

Width: 2000mm

Warranty description: Guidance for specification option: See manufacturer's insurance document for warranty details. Consult manufacturer for further information.

Uniclass: Pr_25_57_65_60 Plastics sheets (Primary)

CAWS: J40/140 Loose-laid plastics or rubber sheet gas-retardant membranes and J40/35 Loose-laid plastics or rubber gas-retardant membranes

Specification data - Plastics sheets

Material: Low-density polyethylene (PE-LD) / Aluminium foil.

Purpose: Gas retardance.

Standard: CE Mark EN 13967:2017

Performance characteristics

Tensile strength (minimum): 350 N.

Tear resistance: 358 N.

Elongation to break: 20%.

Resistant to underground gases: Carbon dioxide. Methane. Radon.

Water vapour resistance (minimum): 700 MN·s/g.

Fire performance: F class.

Third-party certification: British Board of Agrément (BBA) Certificate, 13/5069.

Form: Loose laid sheet.

Physical properties

Colour: Blue topside with silver underside

Weight (minimum): 400 g/m².

Thickness (minimum): 0.66 mm.

Width (minimum): 2000 mm.

Roll length (minimum): 50 000 mm.

Product Reference: Visqueen Gas Barrier

Accessories

Double Sided Jointing Tape.

Foil Backed Lap Tape.

Gas Resistant Detailing Strip.

GR High Performance DPC.

TreadGUARD 1500.

Preformed Pipe Cloak (Top Hat) Units.

Preformed Unit

Resistance to static loading - 20kg load

20 kg.

Sustainability data

Country of material origin: United Kingdom

Material: Polyethylene Aluminium Foil