

# PROFOIL 86I

## PROFOIL 86I

Product specification to be Profoil 86I by The A Proctor Group, Blairgowrie

### Manufacturer

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### Detailed Description

Vapour Control Layer to be used shall be Profoil 86I supplied by The A Proctor Group, Blairgowrie.

Profoil 86I is a reinforced foil encapsulated polyethylene vapour control layer (VCL) used for vapour and airtightness.

### Product

Product performance specification as follows:

#### Thickness

0.4mm

#### Roll Size

2m x 50m

#### Material

Reinforced polyethylene with foil core

#### Certification

Minimum required: Not Applicable

### Technical Properties

- Mass per Unit area: to be no less than 310g/m<sup>2</sup>
- Water Vapour Resistance: to be no less than Sd 1700m when tested to EN 1931
- Tensile Strength: to be no less than MD 290N/50mm; CD 190N/50mm when tested to EN 12311-1
- Tear Resistance: to be no less than MD 130N; CD 140N when tested to EN 12310-1
- Elongation: to be no greater than MD 35%; CD 42% when tested to EN 12311-1

Profoil 86I is a heavyweight, reinforced, UV stabilised vapour control layer with an aluminium foil core which gives a high water vapour resistance of Sd 1700m. This makes it ideal for high risk applications such as swimming pools (unaffected by chlorine) and textile factories. The aluminium foil is protected on both faces by polyethylene for corrosive situations. The reinforced scrim ensures minimal tears and robustness to withstand tough site handling while the encapsulated foil ensures high vapour resistance.

### Benefits

- Ideal for high risk applications e.g. leisure centres, textile factories
- Minimal tears
- Withstand tough site conditions
- Unaffected by chlorine
- High vapour resistance

Product Reference [Profoil 86I](#)  
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