

This certificate is valid for Building Regulations & associated technical guidance in force on the date of registration and for the regulations in the countries indicated

## Roofshield

### Description of Product

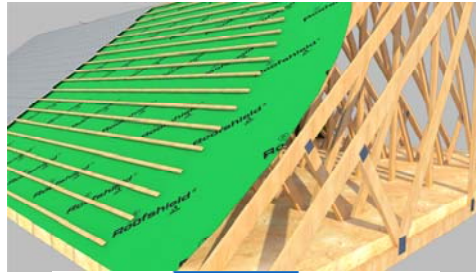
This is an assessment of A. Proctor Group Ltd's Roofshield, a pitched roof underlay that is air and vapour permeable that can be used for cold and warm roof applications without ventilation.

The product has been manufactured for over 20 years and has a unique melt blown core to allow natural air movement to the passage of moisture vapour from within the roofspace preventing the formation of condensation.

It has a track record of being used in tough locations and can enable complex roof designs to breathe without the need for additional venting or air gaps.

Roofshield is CE marked in accordance with harmonised Standard EN 13859-1:2014.

The membrane is installed to a roof by either draping over the rafters in a traditional manner with the roll running parallel to the eaves or over sarking boards of either softwood sarking, plywood or OSB; or over rigid insulation, it is then secured in place by the tiling battens, counterbattens or with slates directly fixed, dependent on application.



### Key Factors Assessed

- Mechanical Resistance & Stability
- Safety in case of Fire
- Health Hygiene and Environmental
- Safety in Use
- Energy Economy and heat retention
- Durability serviceability and identification

### Validity

This certificate was first issued on 31<sup>st</sup> March 2018 and is valid until 31<sup>st</sup> March 2019

Issue Dated 31<sup>st</sup> March 2018

## Scope of Registration

A. Proctor Group Ltd's Roofshield is a pitched roof underlay that is air and vapour permeable that can be used for cold and warm roof applications. The membrane is installed to a roof in the traditional way of draping over the rafters parallel to the eaves or installed directly over softwood sarking, plywood or OSB; or rigid insulation. It is then secured in place by the tiling battens.

It can be installed either supported by a sarking board or left unsupported; the membrane is classified as Class W1 in accordance with BS EN 13859-1: 2014 and will resist the passage of water and consequently may be used as temporary waterproofing prior to the installation of slates or tiles. The period of such use should, however be kept to a minimum particularly during periods of high UV exposure. Temporary protection should be considered during inclement weather, especially in winter.

Design wind speeds for the roof in which the product is installed can be determined for wind uplift forces in accordance with BS EN 1991-1-4: 2005 and its UK National Annex.

When looking at the performance of the membrane it is important to assess the complete roof construction, from ceiling boards to roof tiles.

The product must be laid in accordance with A. Proctor Group Ltd's instruction to minimise the risk of condensation.

There is a higher risk of condensation occurring during the first heating period of a new build due to wet trades; however the risk of condensation diminishes as the building naturally dries out. As the membrane is air permeable, the risk of condensation is significantly reduced.

All penetrations into and out of the roof space must be properly sealed to minimise water vapour transfer into the loft space from the dwelling below.

Building Regulation requirements must be adhered to for areas of high humidity such as bathrooms and kitchens and the appropriate ventilating for the dispersal and rapid dilution of water vapour must be provided.

Any water tanks within a roof void should be covered and lagged and loft hatches should have an effective compressible draught seal.

## Conditions of Certificate

Where plywood/OSB sarking is used on a "cold" roof, cross ventilation is required to meet the requirements of Approved Document C. Ventilation would not be required if using traditional square edge softwood sarking or the roof is constructed as a "warm" roof.

A separate vapour control layer is not required.

LABC and LABSS consider that, Roofshield will meet the functional requirements of the Building Regulations (listed below) if the criteria detailed in this certificate are met;



## The Building Regulations 2010 (as amended) England & Wales

Regulation 7	Materials and workmanship
Note:	The product is acceptable.
AD A	Loading
Note:	The product is acceptable as per the Scope of Registration.
AD B	Fire Safety
Note:	The product is acceptable as per the Scope of Registration.
AD C	Resistance to Moisture
Note:	The product is acceptable as per the Scope of Registration.
AD F	Ventilation
Note:	The product is acceptable.



## The Building Regulations 2010 (as amended) England

None presently.



## The Building Regulations 2010 (as amended) Wales

None presently.



## The Building (Scotland) Regulations 2004 (as amended)

Technical Handbooks - Domestic

Regulation 8	Durability, workmanship and fitness of materials
0.8.5:	Ways of establishing the fitness of materials
Note:	The product is acceptable as referenced by BBA 96/3220 and BBA 99/3648.
Regulation 9	Building Standards applicable to construction
Note:	Construction shall be carried out so that the work complies with the applicable requirements of schedule 5.

## Non-Regulatory Information



### LABC Warranty

The use of Roofshield has not been assessed to meet the requirements of the LABC Warranty Technical Manual. If you would like to discuss a specific use please make an enquiry to [technical.services@labcwarranty.co.uk](mailto:technical.services@labcwarranty.co.uk)

## Supporting Documentation

BBA Agreement Certificate 96/3220 Product Sheet 1

BBA Agreement Certificate 99/3648 Product Sheet 1

Roofshield product brochure (Revised May 2016)

For Scotland purposes:

Proctors Roofshield Brochure

Daltex Roofshield for use in energy efficient Non-ventilated cold pitched roofs BBA 99/3648

Daltex Roofshield for use in warm Non-ventilated and cold ventilated roofs BBA 96/3220

BBA Roofshield letters

## Contact Information

A. Proctor Group Ltd  
The Haugh  
Blairgowrie  
PH10 7ER  
Tel: 01250 872261  
Email: [contact@proctorgroup.com](mailto:contact@proctorgroup.com)  
Web: [www.proctorgroup.com](http://www.proctorgroup.com)