

Protan (UK) Ltd



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CPD Overview

Protan (UK) Ltd manufactures and supplies 40 year BBA accredited PVC single-ply membrane roof systems for new and refurbishment projects on flat and pitched roofs. With mechanically fixed and adhered options, Protan can cater for a broad range of roof applications including Exposed roofs, green roofs, blue roofs and blue green roofs. Protan specialises in prefabricated and vacuum technologies and use their unique ProPlan design software to maximise efficiency at tender or procurement stages.



Available CPD Material (7)



Multiple formats

Fire Performance of Single Ply Roofing Systems

In this presentation we will first give a short overview of the different types of single ply membranes, their main methods of attachment and where they can be used. We will look at how flexible membranes are used to provide a robust waterproof covering for flat roofs and discuss the performance requirements that need to be considered when specifying a single ply flat roofing system. We will then move onto the main topic "the external fire performance of single ply roofing systems".

This will be done by first explaining the fire testing that single ply roofing system manufacturers must undertake and then looking at how fire testing results relate to Approved Document B of the building regulations covering fire safety. We will continue to explore that document to understand how the ban on the use of combustible materials within some construction applications may affect the use of single ply membranes in certain situations where they form part of an external wall or are used as part of a specified attachment to a relevant building.

Material type: Online Learning, Seminar

RIBA Core Curriculum: **Design, construction and technology**
Health, safety and wellbeing

Knowledge level: General Awareness



Efficient Installation: Quality PVC Single-Ply Membrane Roof Systems

This seminar:

- Discusses the various methods of installation of PVC single-ply membranes
- Highlights the pros and cons of each method of installation
- Provides attendees with the confidence to specify the right method of installation for any application
- Leaves attendees with an appreciation of how minimising on-site hot air welding can dramatically improve the efficiency of installation

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness



Protecting Value: Quality PVC Single-Ply Membrane Roof Systems

Discusses PVC single-ply membranes from manufacture through to the end of their working life with the emphasis on the quality control performed by manufacturers to guarantee quality products and systems. Provides architects with the knowledge and confidence to specify PVC single-ply membranes in a variety of constructions, not just roofs. Covers:

- How PVC single-ply membranes are manufactured
- Various applications/constructions in which PVC single-ply membranes can be used
- How manufacturers can assist architects throughout the design process
- Various methods of installing PVC single-ply membranes
- How PVC single-ply membrane roof systems can contribute to health, safety and construction, design and management (CDM)
- Environmental and sustainability issues related to PVC single-ply membrane roof systems

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness



Utilise the 5th Facade: Blue Roofs, Storm Water Attenuation

This seminar looks at storm water management and installing a blue roof for storm water attenuation. It will help you to understand the following topics:

- Understand climate change in the UK
- Understand problems with urbanisation and cities turning from green to grey
- Understand the importance of, and strategy for, storm water management
- Understand the effect of urbanisation on rain water run-off
- Understand how to use the roof to manage storm water
- Understand what a blue roof is and how it can help in the development of new and refurbishment construction projects
- Understand what is required when designing a blue roof

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**
Sustainable architecture

Knowledge level: General Awareness



Bio-Diverse Green Systems for Flat and Pitched Roofs

With the ever increasing focus of sustainability and the environment, this seminar will:

- Discuss the benefits of green roofs, in particular bio-diverse turf roofs
- Provide a brief history and details of the many benefits and different types of green roofs along with regulations and design considerations, covering topics of maintenance and health and safety

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**
Sustainable architecture

Knowledge level: General Awareness



Roofing Membranes: the Crest of a Wave

This seminar examines the relevance of Nordic design of single ply roofing membranes to the UK market and provides a clear understanding of design options.

Material type:

Seminar

RIBA Core Curriculum:

Design, construction and technology

Knowledge level:

General Awareness



Single Ply PVC Membranes: The Sustainability Debate

This seminar will look at:

- Sustainable roofing
- Single ply PVC membranes and systems
- Environmental benefits of PVC
- Advantages of PVC in sustainable roofing

Material type:

Seminar

RIBA Core Curriculum:

Design, construction and technology
Sustainable architecture

Knowledge level:

General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Finishes

Roof finishes > Roofing membranes

Special activities, requirements

Green applications, resources; sustainability > Flat roofing membranes

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Health, safety and wellbeing

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*