# EFFISUS

NBS Source Partner

EFFISUS
Excellence in Weatherproofing

## CPD Overview

Effisus – Efficient Sustainability it is part of Up-Way Systems. Up-Way Systems develops and markets Effisus Solutions worldwide. The Effisus solutions combine in an innovative and balanced way, Efficiency and Sustainability, promoting integrated systems with high added value and superior quality.Effisus solutions assure weatherproofing of the building envelope, promoting superior building energy efficiency, always supported by our extensive consulting services.Part of a global network with more than 8000 weatherproofing experts across USA, Europe, Africa and Middle East, we aim to lead the development and commercialization of sustainable and efficient solutions for the construction industry, investing in long-term strategic partnerships with global reference partners.The result of such partnerships is the presence of Effisus in different continents, and its participation in globally renown projects, such as the Dublin International Airport and Battersea Development in the United Kingdom, Fountain Views, Skyview and the Museum of the Future in the UAE, or Hudson Yards in the USA.

## Available CPD Material (5)

### Facade Weatherproofing Prefabrication Solutions – Know What is Available (Case Studies)

This CPD aims to discuss the specific solutions that façades require when it comes to weatherproofing. It underscores the importance of having solutions that fit into each project's needs and highlights how prefabrication can provide a reliable solution - in light of factors on site, such as rain, water, wind and cold temperature which can otherwise interfere with the final input. By the end of the CPD you should have a greater understanding of:
- The latest technologies and developments in weatherproofing membranes and pre-fabrication
- The main issues found on site and importance of weatherproofing pre-fabrication
- Using a project by project approach - detailing and design
- How to benefit from pre-fabrication technologies on different façade applications
- How to improve the project predictability and minimise problems
- How to raise the façade efficiency and final quality
- When and why we should specify prefabricated solutions for façade weatherproofing

This CPD can be delivered to you live and remotely

Material type: Video
RIBA Core Curriculum: Design, construction and technology
Knowledge level: General Awareness

Multiple formats

### Facade Weatherproofing Systems

This CPD aims to provide feedback from the field on the technology that is available in regards to weatherproofing membranes and also main considerations that we should take when designing and installing weatherproofing membrane systems (air, vapor, fire, water). It will provide an understanding of the importance of interface membranes and improvements utilizing prefabrication/bespoke solutions.
By the end of the presentation you should have a greater understanding of:
- Future-proofing buildings in regards to weatherproofing
- Fire performance test methods on weatherproofing membranes systems
- How to benefit from pre-fabrication technologies on different façade applications
- How to raise the façade efficiency and final quality.

This CPD can be delivered to you live and remotely.

Material type: Online Learning, Seminar
RIBA Core Curriculum: Design, construction and technology
Knowledge level: General Awareness

Multiple formats

## A1 Facade Fire Rated Membranes and A2 Membranes Systems - The Technology is Ready

This CPD addresses the latest technologies available to complete a weatherproofing A2 Fire-Rated Façade Weatherproofing System according to BS EN13501-1, both ensuring maximum fire safety and contributing to a new level of building facades fire safety. By the end of the presentation you should have a greater understanding of:
- How to make the end user aware of the latest technologies and developments in membranes for facades in regards to fire
- Considerations that we should take when designing and installing weatherproofing systems
- Weatherproofing implications in a façade project
- Membrane test standards, as well the UK building regulations

This CPD can be delivered to you live and remotely.

Material type: Online Learning, Seminar

RIBA Core Curriculum: Design, construction and technology
Legal, regulatory and statutory compliance

Knowledge level: General Awareness

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## Facades Interface Waterproofing – EPDM Still an Alternative?

EPDM (Ethylene Propylene Diene Monomer) is a very durable synthetic rubber membrane and is widely used worldwide in various applications on façade walls. It has very stable properties such as vapour, air and watertightness along with elongation of >400% - allowing it to accommodate building differential movements. There are many important considerations in using EPDM in the UK and this CPD covers the specific technical requirements to be followed, as well as new developments in the industry. By the end of the article you should have a greater understanding of:
-The benefits of using EPDM membranes in interfaces
-The main characteristics and usage of EPDM membranes
- The standards EPDM's have to comply with including CE marking and tests
- The technical requirements needed to apply EPDM in the UK market
- Current EPDM available and new developments for the future

Material type: Article

RIBA Core Curriculum: Design, construction and technology

Knowledge level: Microlearning

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## Detailing, New Challenge on Façade Building Construction

This CPD discusses construction in the façade industry, which has evolved immensely in terms of complexity and modern technology in recent years. Topics discussed iinclude an overview of façade projects in a new era and associated challenges, the importance of detailing on a façade project, advantages of weatherproofing design, and application on a project case study. By the end of the CPD you should have a greater understanding of:
- New era challenges of façade projects
- How detailing could leverage the final project
- Weatherproofing as key for design
- Application in a project case study

Material type: Article

RIBA Core Curriculum: Design, construction and technology

Knowledge level: Microlearning

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### Classifications

**Subject/Product Areas (CI/SfB)**

Special activities, requirements
Green applications, resources; sustainability > Flat roofing membranes

**RIBA Core Curriculum areas**

Design, construction and technology
Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance
Knowledge level: *General Awareness*