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CPD Overview

On 14 June 2017, the Greenfell Tower fire in England caused a huge shake-up. How can we ensure that in future buildings, especially at this height, the spread of fire and smoke can be minimised or even completely eliminated? In our RIBA approved CPD seminars / webinars, we present the importance of fire and smoke resistant façade membranes. And how fire safety is maintained despite the dense enough coated fabric that promises water resistance.



Available CPD Material (6)



Flexible composites for Tensile Architecture

Introduction for architects to lightweight technology or sustainable construction with tensile textile membranes using the basics and case studies. By the end of the CPD you should have a greater understanding of:

- Basic knowledge about different types of flexible composites for tensile architecture
- Basic knowledge about tensile architecture designs and applications
- Case studies
- Sustainability and efficiency of tensile architecture

Material type: Online Learning

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

Knowledge level: General Awareness



Multiple formats

Limited Combustible Products for Buildings

This CPD will cover topics including Grenfell Tower findings to-date, fire-codes, types of building fires with data, why limited combustible membranes are important, EN standards and tests, thermal, solar and air protection, building types and limited combustible membranes, what fire means to occupiers and owners, and the importance of certificates and compliance. By the end of the CPD you should have a greater understanding of:

- Issues related to combustible products - Grenfell Tower
- Measures taken to improve fire safety
- The various Euroclasses
- The importance of A2 s1 d0 limited combustibility
- Why independent test

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



Multiple formats

Euroclass A2 Vertical Membranes

This CPD will cover topics including the functionality and applications of membranes, the new Euroclass A2-limited combustible membrane, UK building standards for membranes in high-rise buildings, what the experts say, applicable building types, independent certifications, reasons for using limited combustible membranes, and fire tests: Euroclass A2,B and E rated membranes. By the end of the CPD you should have a greater understanding of:

- Why A2 membranes fit as part of a facade system
- Why vertical wall membranes should not be exempt from a Euroclass A2 wall system
- That it is not a damp proof or roof membrane
- The types of independent tests
- The benefits of having Euroclass A2 membranes fitted in support new build and re-cladding

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

Tensile Fabric Structures



This seminar looks at the use of tensile fabrics as a construction material. It will help you to understand the following topics:

- The history of tensile fabrics in structures
- The types of tensile fabric materials available
- The applications for tensile fabrics in structures including the life span and sustainability of materials
- The installation and maintenance requirements for tensile fabrics

Material type: Seminar

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

Knowledge level: General Awareness

Tensile Architecture



This CPD looks at the history and progression of using composite membranes and technical fabrics as a viable construction material. The evolution of tensile architecture began in 1964 and has now become a credible choice to create both a sustainable and cost-effective option relevant to today's innovative environment. This CPD aims to teach and inspire creative and beautiful buildings referencing some of the world's most imaginative architecture. It will help you to understand the following topics:

- The history of the flexible composite and tensile architecture
- What a flexible composite is
- Light transparency in tensile architecture buildings
- Applications in different sectors
- Micro climate facades
- What a pre-stressed coated fabric is
- The latest technology and issues of longevity, maintenance, sustainability and recyclability

Material type: Seminar

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

Knowledge level: General Awareness

Membranes and Non Combustible Membranes for Buildings



This CPD aims to give an introduction to the non combustible membrane. Topics covered include the functionality and application of membranes, the new Euroclass A2 non combustible membrane and why it should be used, independent certifications and installation information. By the end of the seminar you should have a greater understanding of:

- The difference in Euroclass categories – A2 to F.
- Incentives for using breathable membranes
- Application of the membrane
- UV resistance, water proofing and fire testing of membranes
- A2 S1 DO reactions in terms of fire

Material type: Seminar

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

Knowledge level: General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Building systems

Building systems > Fabric membrane buildings, inflatable structures

Structure

Roofs, including beams > Canopies, covered ways, car ports

Roofs, including beams > Roof forms

Finishes

Wall finishes: internal > Internal wall coatings

Services

Fire protection > Advisory organisations

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*