



Serge Ferrari

Wasterkingerweg 2, Eglisau, Switzerland, 8193 www.sergeferrari.com Tim Schubert, Tel: +44 (0) 7595 777579, tim.schubert@sergeferrari.com

### **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:

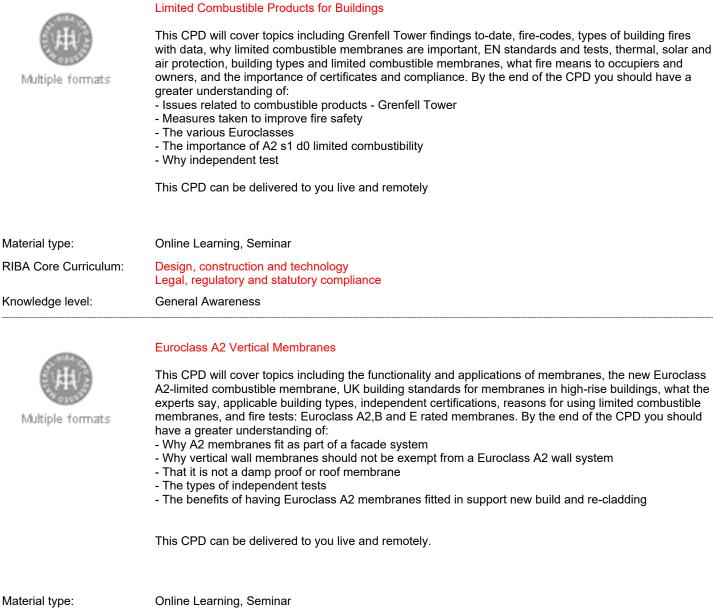
- Basic knowledge about different types of flexible composites for tensile architecture
- Basic knowledge about tensile architecture designs and applications
- Case studies
- Sustainability and efficiency of tensile architecture

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



Essential CPD information for the construction industry





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

Knowledge level: General Awareness

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#### 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

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

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### 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