

Swedish Wood

SWEDISH WOOD
part of the Swedish Forest Industries Federation

33 Gleneagles Drive, Widnes, Cheshire, WA8 9JJ
www.woodcampus.co.uk
Tony Traynor, Tel: +44 (0)7801 735 930, tony@tonytraynor.co

CPD Overview



Available CPD Material (10)



An Introduction to CLT

Experts from Arup and Swedish Wood cover the key issues of designing in CLT - one of the lowest carbon construction methods available. It signposts where more detailed information, design details, calculations and examples can be found, free, in the new UK edition of the Swedish Wood CLT Handbook.

Material type: Online Learning
RIBA Core Curriculum: **Design, construction and technology**
Knowledge level: Microlearning



Timber: the Building Material of the Future

RIBA Work Stage 1 - Quality Objectives, Sustainability Aspirations, Timber Options and Budget

1.1 TIMBER - QUALITY OBJECTIVES

Experts from the timber industry take you through the ways timber systems can help meet your quality objectives, including:

- Accuracy, insulation and air-tightness
- Thermal Performance
- Building Performance
- Offsite manufacture

1.2 TIMBER | SUSTAINABILITY ASPIRATIONS

Get the facts about how timber can help you meet sustainability goals, including information on:

- Renewability and certification
- Carbon storage
- Recyclability
- The Code for Sustainable Homes
- BREEAM

1.2 SUSTAINABILITY - TIMBER OPTIONS

Learn about the different timber options available to you, including:

- Timber frame (open and closed panel)
- Post and beam
- Cross Laminated Timber
- Glulam

1.4 TIMBER - BUDGET

Timber industry experts give advice from different perspectives about how to achieve best value out of a timber frame project.

Material type:

Online Learning

RIBA Core Curriculum:

Design, construction and technology
Sustainable architecture

Knowledge level:

General Awareness



Timber: the Building Material of the Future
RIBA Work Stage 0 - Client's strategic brief and core requirements

The first of three videos in CPD feature based on the RIBA work stages, to give you the information you need about building with Timber in a way that suits the way you work.

0.1 INTRODUCTION

Andrew Waugh, designer of the world's tallest all-timber residential building, examines the projects that are suitable for timber construction and shows a gallery of some of the best of today's timber architecture in a whole range of different building types, from housing to superstores.

0.2 CLIENT'S STRATEGIC BRIEF

Andrew takes you through the ways timber solutions can help you meet different aspects of your client's strategic brief, including:

- Speed of construction
- Building Performance
- Environmental Performance
- Light foundations
- Low waste
- Low disruption
- Living environment

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



Timber: the Building Material of the Future RIBA Work Stage 2 - Procurement Strategy Specifications and Construction Strategy

The third of three videos in CPD feature based on the RIBA work stages, to give you the information you need about building with Timber in a way that suits the way you work.

2.2 TIMBER - PROCUREMENT STRATEGY

Certification and procurement – how you can meet sustainable procurement criteria.

2.3 TIMBER - SPECIFICATIONS

Learn more technical information about what goes into open and closed panel timber frame systems, how to incorporate steel elements and how to achieve the levels of thermal insulation you need.

2.4 TIMBER - CONSTRUCTION STRATEGY

How to get the most out of off-site manufacturing and the importance of SiteSafe practices to reducing the risk of fire on construction sites.

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



Timber Cladding: Technical Design: RIBA Plan of Work Stage 4

This module on timber cladding is the third of three videos covering the core objectives, concept design and technical design stages of the RIBA Plan of Work.

Video 3 of 3: RIBA Plan of Work Stage 4: Technical Design. This 10 minute video covers technical details for cavities, structural support and battens, technical details for installing timber cladding, fixing different styles of timber cladding, corner details and British Standards and Building Regulations.

The module of three videos will help you understand and learn about the following topics:

- Understand how to design using timber as an external cladding and the design effects that can be achieved
- Understand how to ensure the sustainability of timber cladding and the procurement of legal and sustainable timber
- Understand how to specify and detail cladding
- Understand how to issue fixing instructions to the contractor
- Understand how to issue coating and maintenance advice to the contractor and customer
- Learn about the relevant British Standards and Building Regulations relating to timber cladding

Material type:

Online Learning

RIBA Core Curriculum:

Design, construction and technology
Legal, regulatory and statutory compliance
Sustainable architecture

Knowledge level:

General Awareness



Procuring Sustainable Timber

In this 45 minute video, Dave Hopkins, Managing Director of the Timber Trade Federation takes you through everything you need to know about procuring sustainable timber, including certification, Chain of Custody, legal obligations and government requirements.

Material type:

Online Learning

RIBA Core Curriculum:

Design, construction and technology
Sustainable architecture

Knowledge level:

General Awareness



Timber Cladding: How Timber Cladding Can Meet your Project and Quality Objectives: RIBA Plan of Work Stage 1

This module on timber cladding is the first of three videos covering the core objectives, concept design and technical design stages of the RIBA Plan of Work.

Video 1 of 3: RIBA Plan of Work Stage 1:

This 7 minute video offers a review of the award-winning Walk Barn Farm, Suffolk and a review of recent European projects using timber cladding. It also provides an introduction to the importance of specifying and detailing timber cladding correctly.

The module of three videos will help you understand and learn about the following topics:

- Understand how to design using timber as an external cladding and the design effects that can be achieved
- Understand how to ensure the sustainability of timber cladding and the procurement of legal and sustainable timber
- Understand how to specify and detail cladding
- Understand how to issue fixing instructions to the contractor
- Understand how to issue coating and maintenance advice to the contractor and customer
- Learn about the relevant British Standards and Building Regulations relating to timber cladding

Material type:

Online Learning

RIBA Core Curriculum:

Design, construction and technology
Legal, regulatory and statutory compliance
Sustainable architecture

Knowledge level:

General Awareness



Timber Cladding: Concept Design: RIBA Plan of Work Stage 2

This module on timber cladding is the second of three videos covering the core objectives, concept design and technical design stages of the RIBA Plan of Work.

Video 2 of 3: RIBA Plan of Work Stage 2:

This 16 minute video covers choosing the right timber for cladding and selecting the right board dimensions and profile. It also offers advice on board profile and surface, board fixing, treatment and coatings and sustainable timber procurement.

The module of three videos will help you understand and learn about the following topics:

- Understand how to design using timber as an external cladding and the design effects that can be achieved
- Understand how to ensure the sustainability of timber cladding and the procurement of legal and sustainable timber
- Understand how to specify and detail cladding
- Understand how to issue fixing instructions to the contractor
- Understand how to issue coating and maintenance advice to the contractor and customer
- Learn about the relevant British Standards and Building Regulations relating to timber cladding

Material type:

Online Learning

RIBA Core Curriculum:

Design, construction and technology
Legal, regulatory and statutory compliance
Sustainable architecture

Knowledge level:

General Awareness



Fire Safety and FR-rated Timber

The Hackitt Review has identified shortcomings in the product knowledge and understanding of the technical issues surrounding fire safety and material specification throughout the supply chain. This e-learning course aims to discuss several topics from the phases of fire development and their importance, FR classification and the tests behind the ratings, required levels of FR performance in different buildings, methods of application of flame retardants and FR quality and verification schemes. By the end of the CPD you should have a greater understanding of:

- How to specify FR-rated timber with the right performance for the application
- How to specify FR-rated timber in compliance with Building Regulations
- How to ensure FR-rated timber meets its design performance

Material type: Online Learning

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

Knowledge level: General Awareness



Timber: The Building Material of the Future

A unique online learning tool for Architects to consider a project in timber frame from work stage A to E. The material is an online programme that takes the user through a case study with interaction needed by the end user to progress to the next stage. There are library access for support information which in turn provides a useful tool for architects. This is a specific experience in how the process might work from planning through to some details for thermal compliant details. The CPD is a one to one learning tool. Click on the link below for further information:

<http://www.woodcampus.co.uk/Catalogue/CatalogueItemDetails.aspx?type=1&kbType=3&id=988&PreventAutoL>

Material type: Online Learning

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

Knowledge level: General Awareness

Classifications

Subject/Product Areas (CI/SfB)

Structure

Floors, including beams > Floor beams - timber

Roofs, including beams > Roof beams and trusses - timber

Building frames > Timber frames

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *Microlearning*

Sustainable architecture

Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

Health, safety and wellbeing

Knowledge level: *General Awareness*