

Technowood UK

technowood

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CPD Overview

Technowood is a patented system for an Aluminium or GRP (Glass Reinforced Polyester) substrate which is coated in a completely natural timber veneer. This gives the aesthetic and natural feeling of timber but uses 98% less timber in production. In addition, these materials can meet A2 Class fire rating enabling use on many projects. The wood coating acts natural in an external environment, ages overtime, but at a much slower and more consistent rate as most solid timber species would due to the build of the material and the species used. The moisture resistance is outstanding, so unique design can be achieve that are not practical with traditional wood.

The majority of our profiles are made to order; this allows us to meet most design details where solid timber often falls short. The added stability of using Aluminium or GRP adds to our ability to meet your project's needs.

Some of the many Technowood applications:

These systems are extremely durable and hardwearing which are currently being used in the harshest climatic conditions around the world.

The installation of all our products is kept as simple and easy due to the patented invisible fixing systems and by providing the complete system. The complete package includes the proprietary wall brackets, immediate support structure and the cladding system. The exact nature of the brackets and structure may vary depending on your design requirements.



Available CPD Material (2)



Multiple formats

Wood Veneered Products Instead of Timber for External Use

This CPD introduces an innovative material type: wood veneered aluminium. It goes into details of the manufacturing process and discusses the advantages. During the learning session, candidates will gain a comprehensive understanding of the extended design scope achievable using technologically advanced materials while retaining the same finish as traditional timber.

Material type:

Literature, Seminar

RIBA Core Curriculum:

Design, construction and technology

Knowledge level:

General Awareness



Multiple formats

!!! How and when to specify innovative materials such as wood veneered products instead of timber for external use

(awaitng submission form)

Material type:

Classifications

Subject/Product Areas (CI/SfB)

Structure

Building frames > Steel and aluminium frames

Room dividers, internal grilles etc. > Room dividers

Balustrades > Balustrades

Finishes

Wall finishes: external > External wall coatings

Wall finishes: internal > Wood internal wall finishes

Wall finishes: internal > Internal wall coatings

Ceiling finishes > Ceiling boards, panels, tiles

Services

Fire protection > Advisory organisations

External works

Enclosures: fencing, gates etc. > Screen walling and balustrading

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*