TECHNICAL DATA SHEET

Accoya® | Charred timber cladding | Manufacturer product information

Product description

Charred Accoya® cladding manufactured from acetylated radiata pine. Offered for architectural cladding projects requiring a modified-wood substrate.

Product specifications

Property	Specification
Material	Accoya® acetylated radiata pine
Manufacturing process	Timber charring; brushing and protective finishing as specified for the selected finish
Nominal thickness	20 mm
Nominal widths	147, 192 mm
Listed lengths	2,400 / 3,000 / 3,600 / 4,200 / 4,800 mm (subject to availability)
Profile options	Shadow Gap, PAR (planed all round), T&G (tongue and groove); confirm availability and exact geometry
Listed finish options	Carbon, Black (confirm selection for each project)

Nominal dimensions

All stated thicknesses and widths are nominal dimensions before charring and finishing. Charring and brushing may cause dimensional variations. Finished dimensions are not guaranteed unless specifically agreed for the project. Profile geometry, effective cover widths and joint clearances should be checked against the applicable profile drawing and order specification.

Product appearance

Accoya® is a registered trade mark. Performance statements for untreated Accoya® should not be assumed to describe the finished charred cladding system.

Charred surfaces may show natural differences in colour, texture and carbonised layer. Samples are indicative; project-specific finish and appearance should be agreed before manufacture.

Installation principles

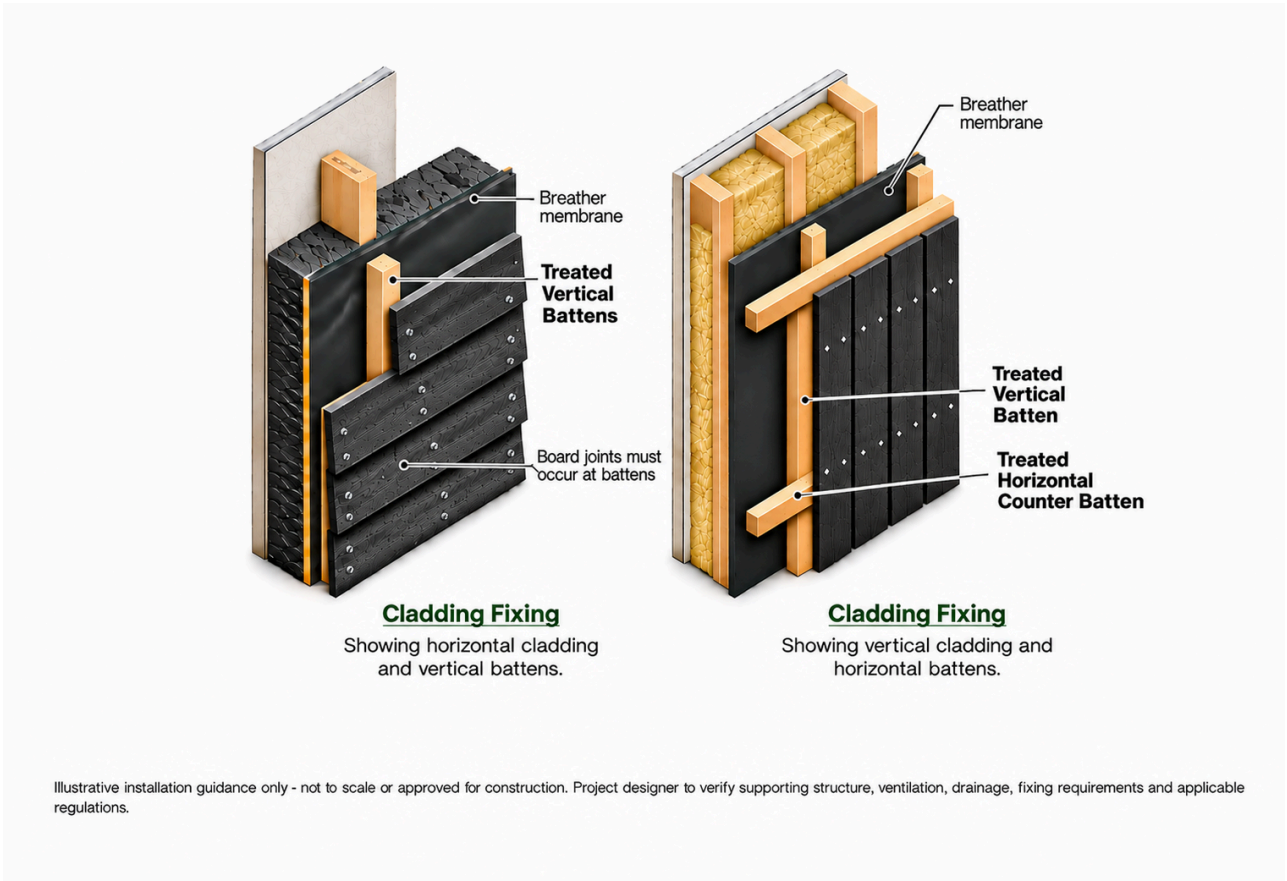
Installation Guidelines

Topic	Manufacturer guidance
Fixing	Face-fixing with suitable stainless-steel screws; verify screw positions and quantities.
Substructure	Provide suitable battens and a drained, ventilated cavity.
Support spacing	Determine from profile, substrate, wind loading and project requirements.
Openings / junctions	Coordinate flashings, drainage, ventilation, membranes and cavity barriers.
Cut ends	Protect cut ends using treatment compatible with the specified finish.
Handling	Store flat, supported, dry and protected from weather.

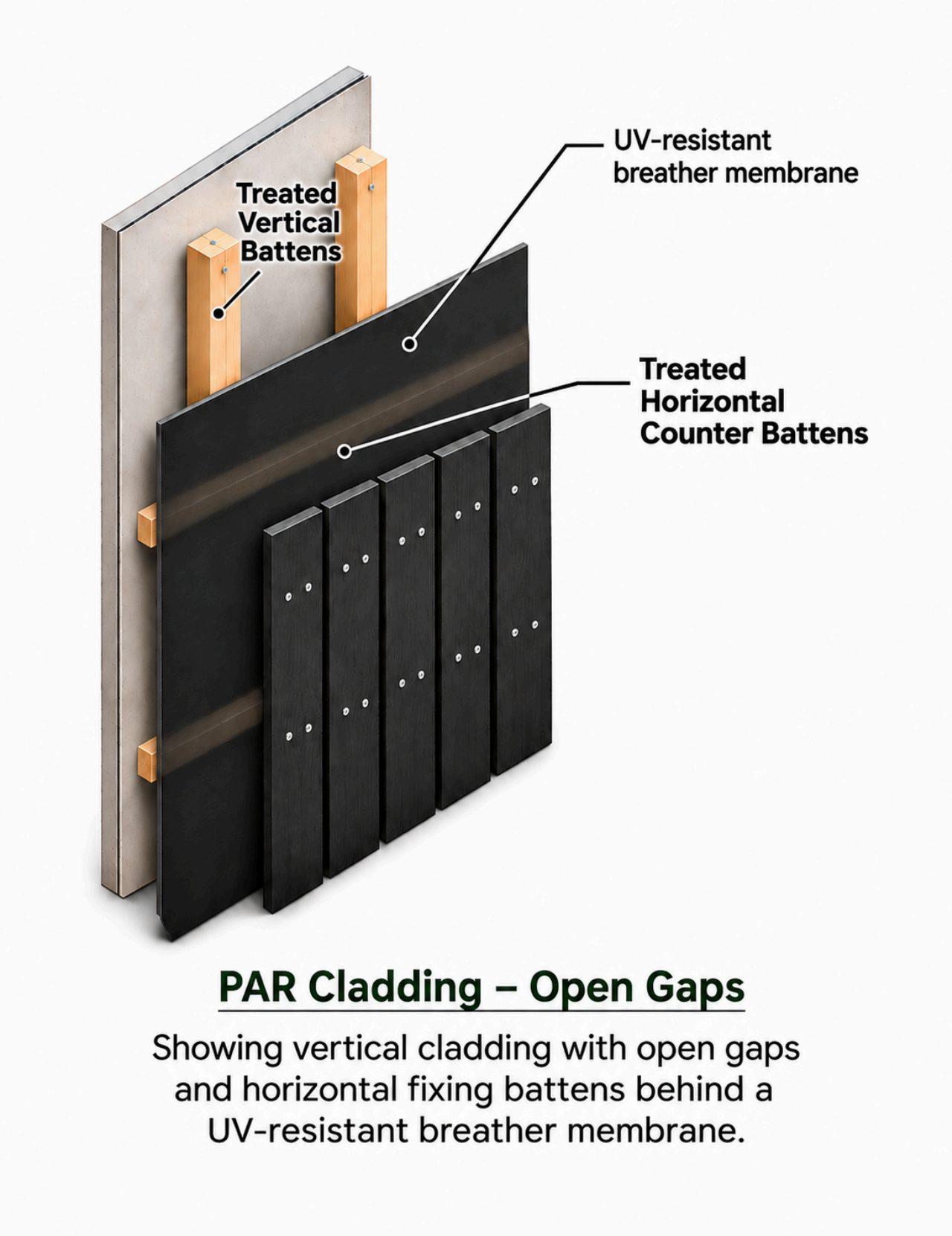
Installation Principles

Use continuous drainage and ventilation paths. Coordinate fixings and movement allowances.
Final installation details must be verified for the specific project and cladding profile.

Fixing Cladding Without Gaps



Schematic only - not to scale or approved for construction.



PAR Cladding – Open Gaps

Showing vertical cladding with open gaps and horizontal fixing battens behind a UV-resistant breather membrane.