

Installation Guide

Suitable Applications

PANELS are a prefinished, modular, architectural and acoustic system; engineered for performance and ease of installation on wall and ceiling surfaces. They are environmentally certified, Low VOC, Fire tested, acoustically rated, and can be modified to achieve various curve radiuses.

Choose from a range of decorative fibreboard or solid timber profiles, with Group 2 and external options available. PANELS are not suitable for structural applications.

Acoustic - Internal Applications Only

PANELS are supplied with SC15 black acoustic lining attached. If not using SC15, the substrate should be painted black to give depth and conceal the substrate and brackets. For greater acoustic performance, and when an NRC is specified, Screenwood can supply SCP50, a 50mm thick polyester backing. Please contact us for more information.

Specifications

PANELS are 296mm wide, and cut to specified lengths, ready for installation. Please refer to the nominated Profile Spec Sheet for details. The concealed bracket system, set at 300mm centres, is designed to visually minimise fasteners and enable flush mount installation.

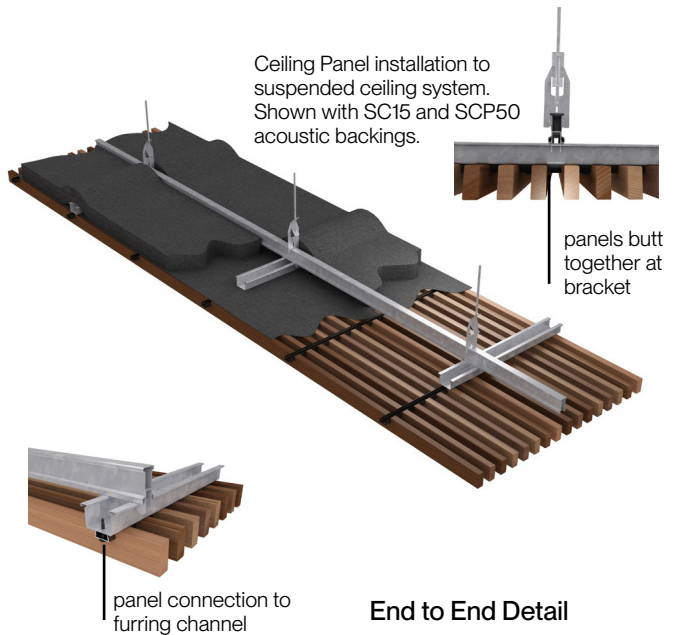
Installation Recommendations

PANELS should be installed by a qualified builder or ceiling fitter. Please note panel weight. Simply screw between the battens, through the back-recessed bracket, into the substrate using black screws.

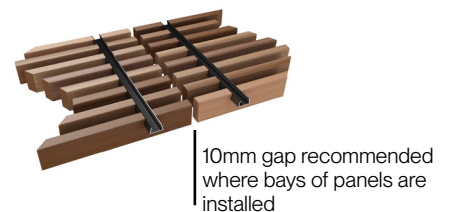
To cover lengths greater than 3600mm, two or more bays of PANELS may be used with an expressed gap of 10mm, avoiding butt joints. A 20mm shadow-line perimeter gap is recommended where panels are placed within a coffer or adjacent to a wall.

PANELS should be cut on a drop saw with a sharp carbide tip blade and can be carefully trimmed with routers, wood drills and other tools and techniques typically used.

Typical Ceiling Installation



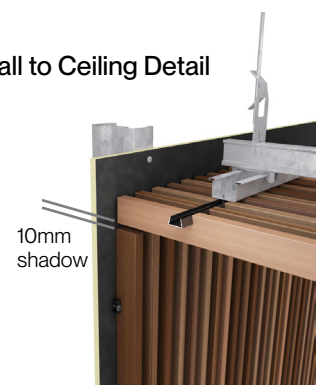
End to End Detail



Typical Acoustic Wall Installation



Wall to Ceiling Detail



Installation Details

Services

Flush mounting or recessing of lighting fixtures and incorporation of building services such as electrical and sprinklers can be accommodated by trimming panels on site. Support from Screenwood will ensure the bracket position and the substrate supports coincide.

Access

Individual PANELS can be removed for access to services after construction. For regular ongoing access, PANELS may be fixed to a backing fitted with parliament hinges, or a proprietary access panel system may be incorporated.

Finishing and Trims

PANELS can be trimmed using architectural aluminium extrusions (supplied by others) or by using matching square edged trims from the New Age Veneers offering. Dulux Paint colour formula for end grain sealer is available on request.



Curves

Curved substrates are accommodated by cutting a relief into the back of the brackets prior to PANELS assembly. PANELS can be manipulated during installation to adhere to concave or convex surfaces, keeping within the maximum radius allowable by the nominated profile.

Corners

PANELS can be mitred for a seamless vertical or horizontal corner finish.

