

DESIGN AND SPECIFICATIONS

Use of the Product

For use as wall-mounted absorbers, with, or instead of, a sound absorbing ceiling in order to achieve excellent acoustic performance in a space.

Size Availability

2700mm x 600mm x 40mm
(≈106 1/4" x 23 5/8" x 1 1/2")

Surfaces

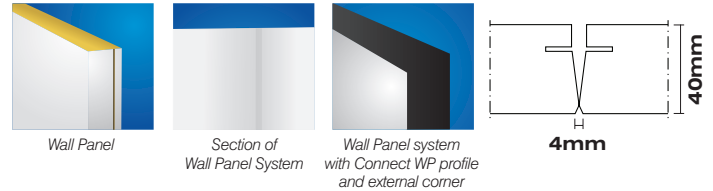
The panels are manufactured from high density fiberglass. The visible surface offers a lightly textured glass fiber fabric (Texona in 13 colors) or an impact resistant glass fiber fabric (Super G in 3 colors). The back of the panel is covered with glass tissue. The edges are painted, with the finished fabric partially wrapping around the long edges.

Accessibility

The panels are not demountable except in selected installation diagrams.

Edge Detail

Wall Panel has kerfed/beveled long edges enabling the panels to receive an internal spline. The beveled edges create a narrow groove between each panel. The short sides of panels are square. The entire panel assembly is framed by extruded aluminum trim equipped with modular corner pieces.



Attachment

Use Ecophon Connect™ WP Profile to attach panels.

Weight

The system consists of Ecophon Wall Panels and the Ecophon Connect WP profile with an approximate system weight of 1.02 lb/SF.

Cleaning

Super G surface-Daily dusting, vacuum cleaning and weekly wet wiping.

Texona surfaces- Weekly dusting and vacuum cleaning.

Installation

Install according to installation instructions. For information regarding minimum overall depth of system see quantity specification. The systems should not be placed behind goals or similar areas where they are likely to be hit regularly. In such cases a protective net in front of the system is recommended.

PERFORMANCE PROPERTIES

Acoustic

Sound Absorption: Test results available according to EN ISO 354 and ASTM C423. Absorption Classification according to EN ISO 11654.

Product	Super G	Texona
<i>o.d.s mm</i>	40	40
<i>absorption class</i>	A	A
<i>NRC</i>	0.95	0.95

Sound Insulation: Not applicable.

Sound Privacy: AC=240 according to E1110

Stability

Super G surface: will withstand a permanent ambient RH up to 90% at 30°C without sagging, warping or delaminating. Texona surface: will withstand a permanent ambient RH up to 90% at 30°C without sagging, warping or delaminating (per EN 13964). Thermal resistance for the panels, Rp=1,0 m²°C/W.

Fire Performance

Panels have been tested in accordance with ASTM E84 and the results classified per ASTM E1264

Class
Flame Spread ≤ 25
Smoke Development ≤ 50

Durability

The Texona surface has moderate impact resistance. The Super G surface is tested according to EN 13964 annex D and DIN 18032 part 3 and fulfills the demands corresponding to class 1A. Please note: Where the panels are subjected to frequent blows and impacts restraining nets or wooden slats are required. No additional live load is allowed.

WALL PANEL COLOR SELECTION

Texona® — available in 13 colors.



Super® G — available in three colors.



ECOPHON CONNECT WP PROFILE ACCESSORIES

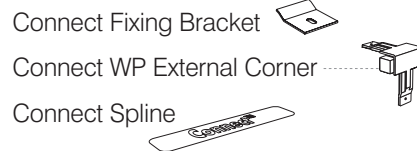
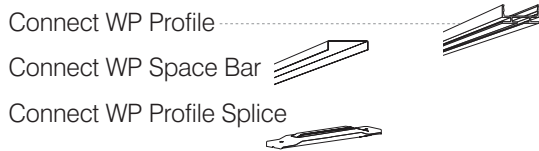
WP Profile Connect Colors



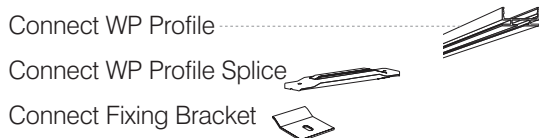
WP Profile External Corner Colors



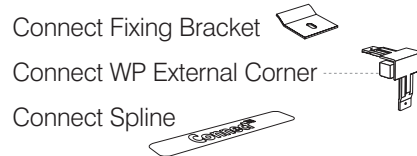
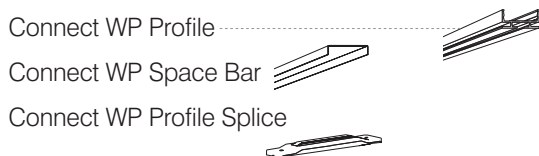
ITEM # — For Vertical Installation



ITEM # — For Horizontal Installation



ITEM # — For Diagonal Installation



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