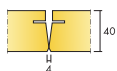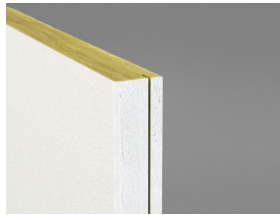# Ecophon Akusto™ Wall C Akutex HS

Ecophon Akusto™ Wall C Akutex HS has a concealed grid and bevelled edge to create a narrow groove between each panel. Suitable for swimming pool areas, it's compatible with high humidity, corrosivity and occasional direct water.
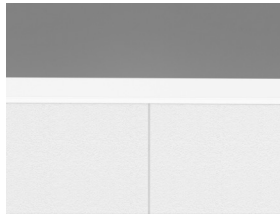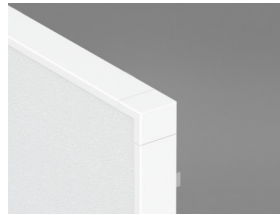

SYSTEM RANGE

Size, mm		2700x600
Thinline Profile		•
Thickness		40
Inst. Diagr.		M594C4

Akusto Wall C Akutex HS

Section of Akusto Wall C Akutex HS System

Akusto Wall Akutex HS system with Connect Thinline Profile and distance
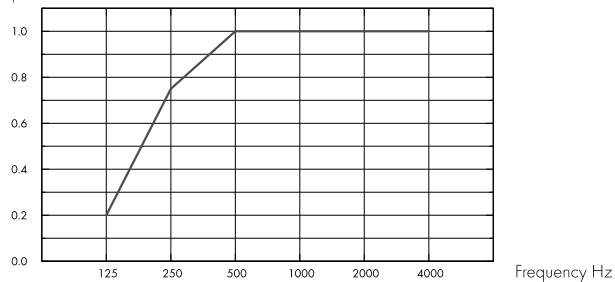
Acoustic

Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654.

α_p, Practical sound absorption coefficient

Frequency Hz

— Akusto Wall C Akutex HS 40 mm, 50 mm o.d.s.

o.d.s = overall depth of system

	THK mm	o.d.s. mm	α_p, Practical sound absorption coefficient						α_w	Sound absorption class
			125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
Akutex HS	40	50	0.20	0.75	1.00	1.00	1.00	1.00	1.00	A

	THK mm	o.d.s. mm	NRC	SAA
Akutex HS	40	50	0.95	0.96

Indoor Air Quality

Certificate / Label	
Eurofins Indoor Air Comfort®	IAC Gold
French VOC	A+
Finnish M1	•

Carbon footprint

	kg CO₂ equiv/m²
Akusto Wall C - Akutex HS	7,77

Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804

Circularity

Minimum post-consumer recycled content	60%
Recyclability	Fully recyclable

Fire safety

Country	Fire standard	Class
Europe	EN 13501-1	A2-s1,d0

The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.

Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014

Visual appearance

White 500, nearest NCS colour sample S 0500-N, 84% light reflectance.

Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.

Accessibility

The tiles are not demountable except in selected installation diagrams. See quantity specification for more information.

Installation

Installed according to installation diagrams, installation guides and drawing aid. 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.

System weight

	kg/m²
Akusto Wall C Akutex HS	3,6

Weight information is indicative and subject to variation.

Mechanical properties

See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at www.ecophon.com.

Cradle to Cradle Certified®

This product is Cradle to Cradle Certified® at Bronze level (version 4.0).
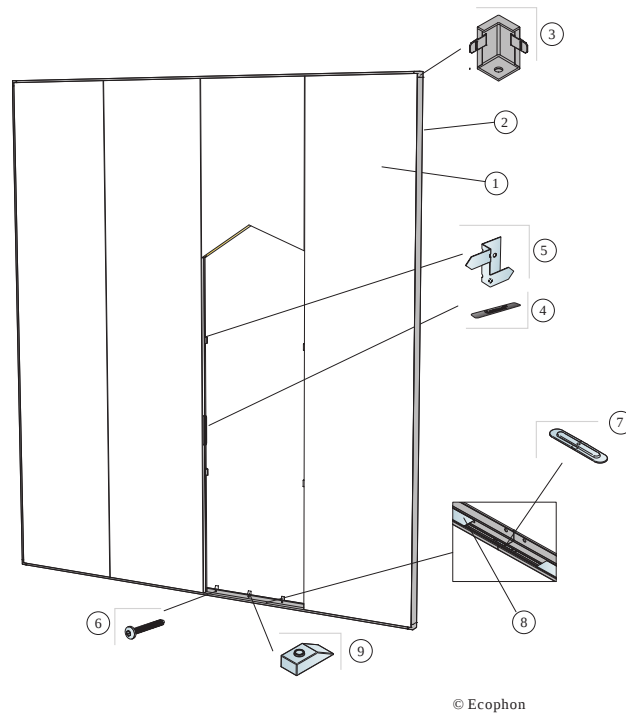
Material Health

This product has received a C2C Certified Material Health Certificate™ at the Silver level (standard version 4.0). The C2C Certified Material Health Certificate™ is a verification of the health and safety of a product's composition using the Material Health requirements of the Cradle-to-Cradle Certified Product Standard.

CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.
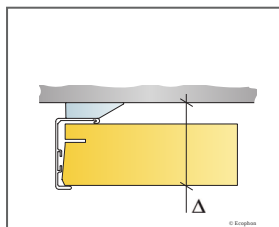
INSTALLATION DIAGRAM (M594C4) FOR ECOPHON AKUSTO™ WALL C AKUTEX HS VERTICAL INSTALLATION WITH CONNECT THINLINE PROFILE AND DISTANCE.
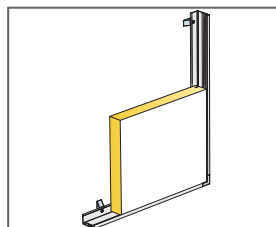

© Ecophon
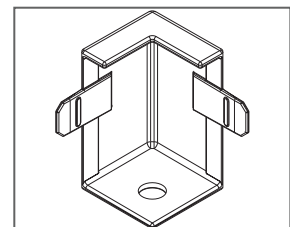
QUANTITY SPECIFICATION (EXCL. WASTAGE)

		Size, mm
		2700x600
1	Akusto Wall C Akutex HS	0,62/m²
2	Connect Thinline Profile, L=2658 mm	as required
3	Connect Thinline Corner	as required
4	Connect Spline	as required
5	Connect Thinline Fixing C4, for panel support every 1000 mm	as required
6	Installation screw C4, installed at 200 mm centres (select fastener according to wall material)	as required
7	Connect Thinline Splice. used to extend Thinline profiles where needed.	as required
8	Connect Thinline Space Bar	as required
9	Connect Distance C4, installed at 200 mm centres	as required
Δ	Overall depth of system: 55 mm	-

See Quantity Specification

Detail of panel with Thinline system with distance

Detail of Thinline corner