

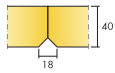
ECOPHON INDUSTRY™ AMBIT

Suitable for noise reduction in industrial premises, where no visible suspension details are required. The tiles are not demountable. The narrow groove between the tiles generates a smooth design.

The Ecophon Industry™ Ambit system consists of Ecophon Industry™ Ambit tiles and Connect Ambit fixing, with an approximate weight of 3 kg/m². The edges are primed.

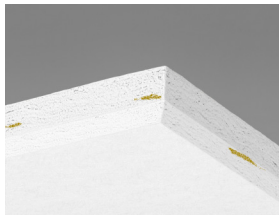


Ecophon Industry™ Ambit

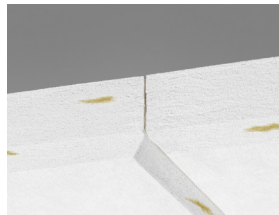


SYSTEM RANGE

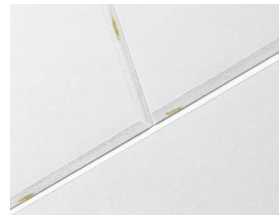
Size, mm	1200x600
Direct	•
Thickness	40
Inst. Diagr.	M40



Industry Ambit tile.



Section of Industry Ambit system.



Industry Ambit system.

TYPE OF APPLICATION

- Additional areas

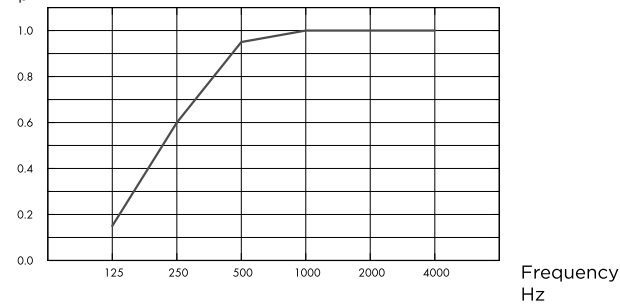


ACOUSTIC

Sound Absorption

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

α_p , Practical sound absorption coefficient



— Industry Ambit 40 mm, 40 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		
40	40	0.15	0.60	0.95	1.00	1.00	1.00	0.90	A



INDOOR AIR QUALITY

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



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.



CARBON FOOTPRINT

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

	kg CO ₂ equiv/m ²
Industry Ambit	4,81



CIRCULARITY

Minimum post-consumer recycled content	62%
Recyclability	Fully recyclable



FIRE SAFETY

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

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



HUMIDITY RESISTANCE

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



VISUAL APPEARANCE

White 190, nearest NCS colour sample S 1000-N, 80% light reflectance. Since the product has a coloured glassfelt as a surface, it can appear mottled, specially with indirect lighting. Slight colour differences can occur.



CLEANABILITY

Weekly dusting and vacuum cleaning.



ACCESSIBILITY

The tiles are non-demountable.



INSTALLATION

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification.



PACKAGING INFORMATION

Information is indicative and subject to change.

	Edge	Panels / crt	m ² / crt
1200x600x40	Ambit	8	5.76



SYSTEM WEIGHT

Weight information is indicative and subject to variation.

	kg/m ²
Industry Modus Ambit	2,4



MECHANICAL PROPERTIES

Additional live load has to be fixed to the soffit.



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.

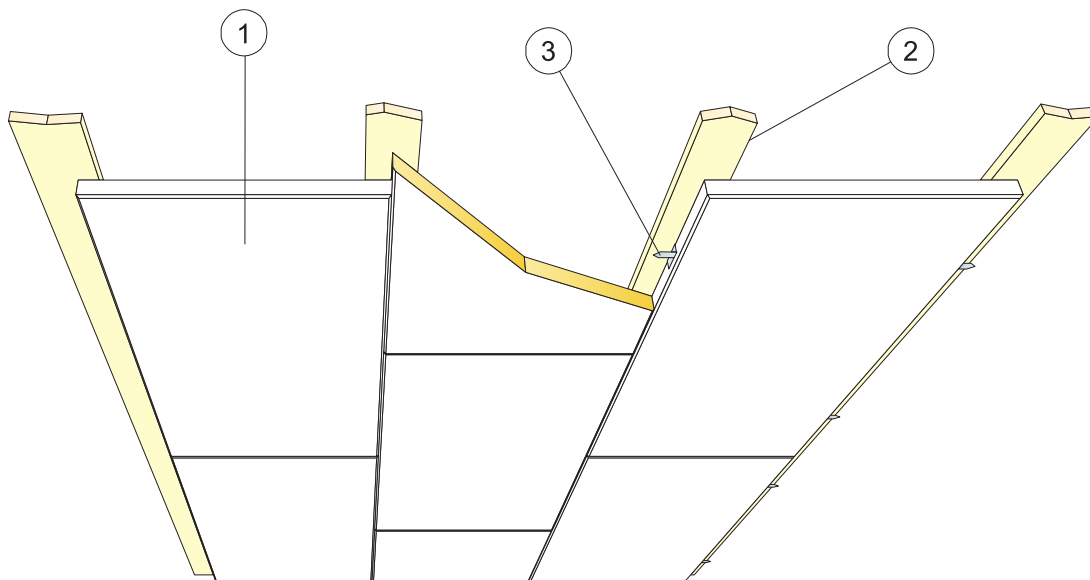
COLOURS AND DESIGN

Ecophon Industry™



S White 190

Direct Installation

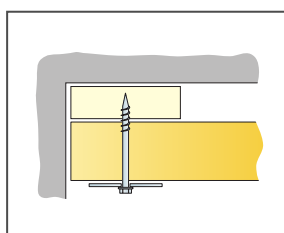
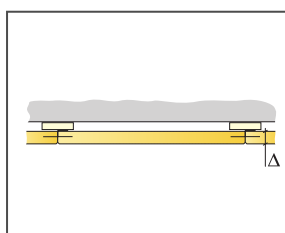


Installation diagram (M40) for Ecophon Industry Ambit

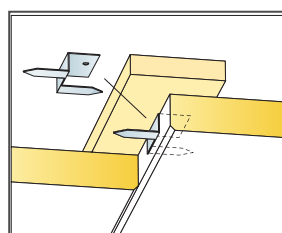
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Quantity specification (excl. wastage)

		Size, mm
		1200x600
1	Industry Ambit	1,4/m ²
2	Timber batten	as required
3	Connect Ambit fixing	2,8/m ²
Δ Min. overall depth of system: 40 mm		
δ Min. demounting depth: The system is non-demountable		



Installation on timber batten with screw and washer



Installation with Connect Ambit fixing

Size, mm	Max live load (N)	Min load bearing capacity (N)
1200x600x40	-	-

Live load/load bearing capacity