

Ecophon Industry™ Ambit

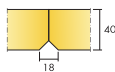
Suitable for noise reduction in industrial premises, where no visible suspension details are required. The tiles are not demountable. The narrow groove between the tiles generates a smooth design.

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.

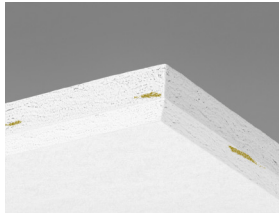


The Print shop ,

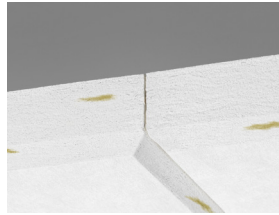
SYSTEM RANGE



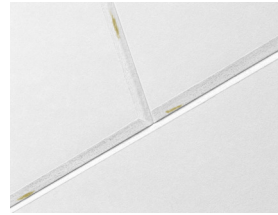
Size, mm	1200x600
Direct	•
Thickness	40
Inst. Diag.	M40



Industry Ambient tile.



Section of Industry Ambient system.



Industry Ambient system.

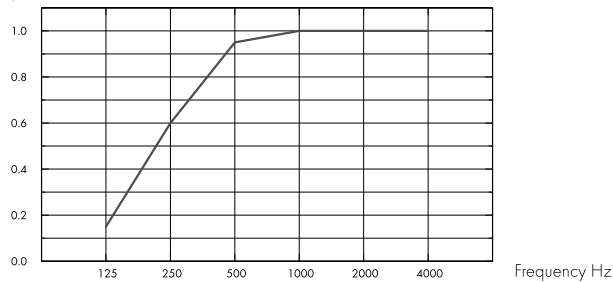
Acoustic



Sound Absorption:

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

α_p , Practical sound absorption coefficient



– Industry Ambient 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
French VOC	A
Finnish M1	•



Environmental Footprint

	kg CO ₂ equiv/m ²	Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804
Industry Ambient	4,81	



Circularity

Minimum post-consumer recycled content	62%
Recyclability	Fully recyclable



Fire safety

Country	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 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.



System weight

The weight of the system should be approximately 3 kg/m².



Mechanical properties

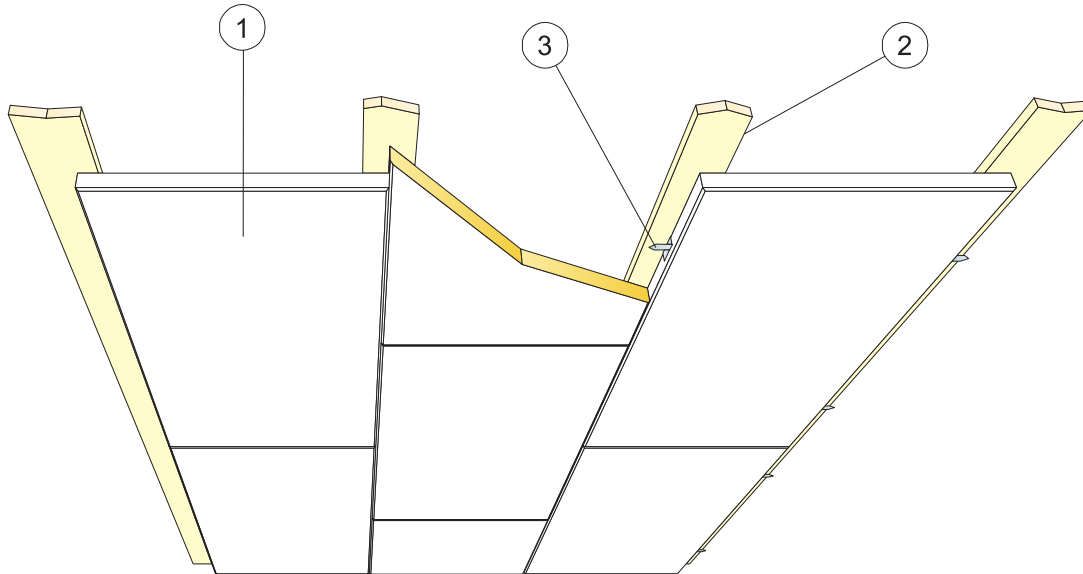
Additional live load has to be fixed to the soffit.



CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN 13964:2014. 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.

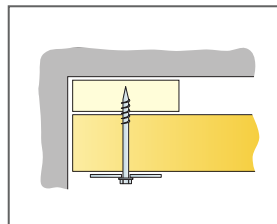
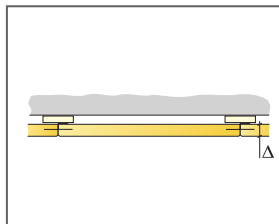
INSTALLATION DIAGRAM (M40) FOR ECOPHON INDUSTRY AMBIT



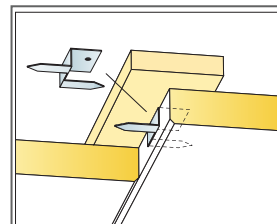
© Ecophon Group

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