

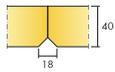
# ECOPHON INDUSTRY™ AMBIT

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/m<sup>2</sup>. The edges are primed.

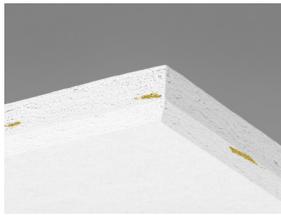


# Ecophon Industry™ Ambit

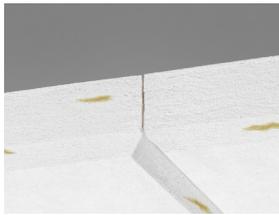


## SYSTEM RANGE

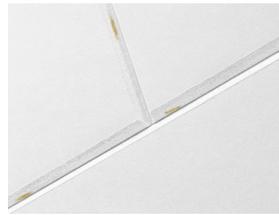
Size, mm	1200x600
Direct	•
Thickness	40
Inst. Diagr.	M40



Industry Ambit tile.



Section of Industry Ambit system.



Industry Ambit system.

## TYPE OF APPLICATION

- Additional areas

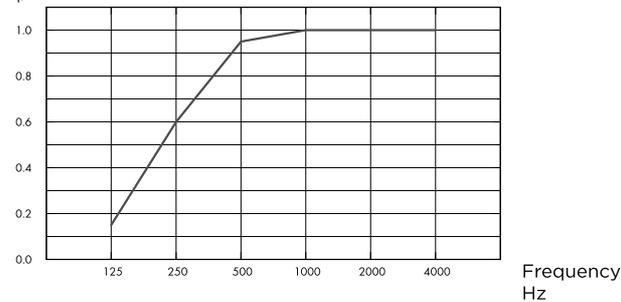


## ACOUSTIC

### Sound Absorption

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

$\alpha_p$ , 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	$\alpha_p$ , Practical sound absorption coefficient						$\alpha_w$	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 <sub>2</sub> equiv/m <sup>2</sup>
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 <sup>2</sup> / crt
1200x600x40	Ambit	8	5.76



## SYSTEM WEIGHT

Weight information is indicative and subject to variation.

	kg/m <sup>2</sup>
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.

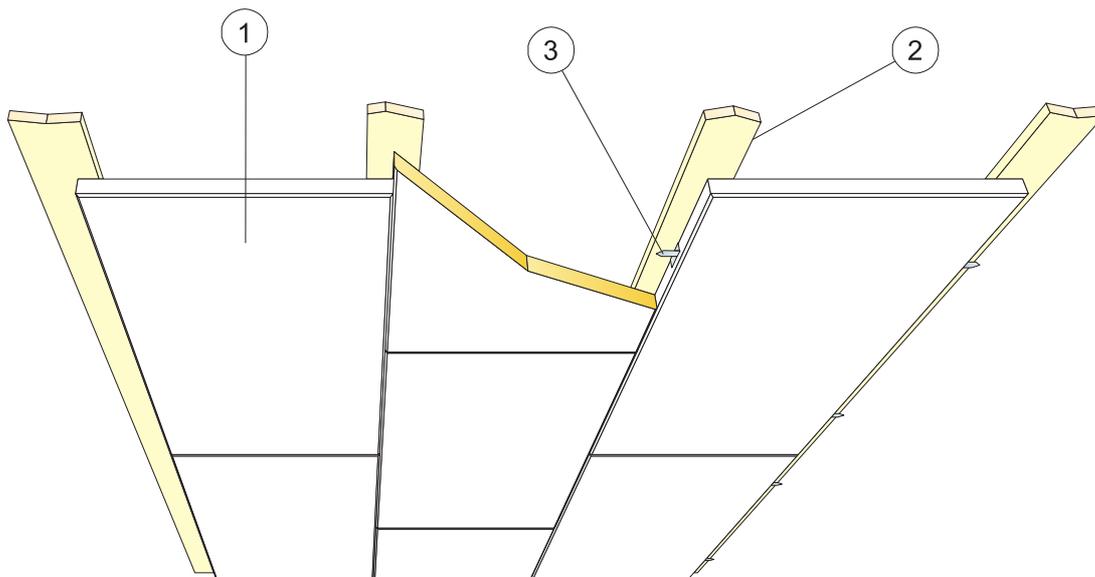
## **COLOURS AND DESIGN**

### **Ecophon Industry™**



S White 190

Direct Installation

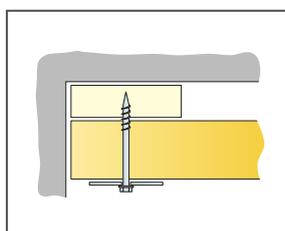
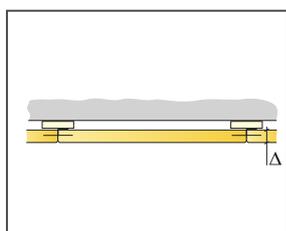


Installation diagram (M40) for Ecophon Industry Ambit

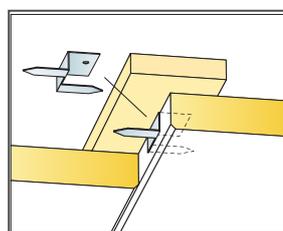
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Quantity specification (excl. wastage)

		Size, mm
		<b>1200x600</b>
1	Industry Ambit	1,4/m <sup>2</sup>
2	Timber batten	as required
3	Connect Ambit fixing	2,8/m <sup>2</sup>
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