ECOPHON INDUSTRY™ RTP
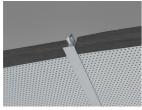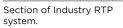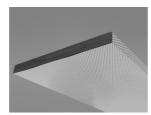
Suitable for noise reduction in industrial premises, where an impact resistant ceiling is needed. The panels have a glass wool core with a black surface. The visible surface is a perforated sheet metal facing (Ø3 mm hole diameter, 15% perforated area). The metal facing is bent around the long edges of the panels and overlaps the back surface. The perforated sheet metal facing is galvanized.
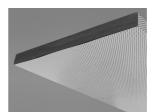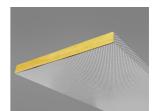
For best performance and system quality, use Connect™ grid and accessories. The grid is manufactured from galvanized steel.

Ecophon Industry™ RTP

Section of Industry RTP system.

Industry RTP panel.
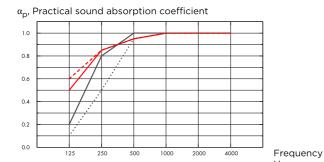

Industry RTP panel.

Industry RTP panel.

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 RTP 30 mm, 50 mm o.d.s.
— Industry RTP 30 mm, 200 mm o.d.s.
— Industry RTP 50 mm, 50 mm o.d.s.
--- Industry RTP 50 mm, 200 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		
30	50	0.10	0.50	0.95	1.00	1.00	1.00	0.80	B
30	200	0.50	0.85	0.95	1.00	1.00	1.00	1.00	A
50	50	0.20	0.80	1.00	1.00	1.00	1.00	1.00	A
50	200	0.60	0.85	0.95	1.00	1.00	1.00	1.00	A

THK mm	o.d.s. mm	NRC	SAA
30	50	0.85	0.89
30	200	0.95	0.96
50	50	0.95	0.99
50	200	0.95	0.99

INDOOR AIR QUALITY

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

CIRCULARITY

Minimum post-consumer recycled content (30 mm)	65%
Minimum post-consumer recycled content (50 mm)	67%
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 A, relative humidity 70% and 25°C, according to EN 13964:2014

VISUAL APPEARANCE

Galvanized 189, 55% light reflectance, 65% light reflectance.

CLEANABILITY

Weekly dusting and vacuum cleaning.

ACCESSIBILITY

The tiles are easily demountable. Minimum demounting depth according to installation diagrams.

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	m² / crt
1200x600x30	A	5	3.60
1200x600x50	A	3	2.16

SYSTEM WEIGHT

Weight information is indicative and subject to variation.

	kg/m²
Industry Modus RTP 30 mm	6,9
Industry Modus RTP 30 mm + Connect Grid System	7,8
Industry Modus RTP 50 mm	8,2
Industry Modus RTP 50 mm + Connect System Grid	9,1

MECHANICAL PROPERTIES

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

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™

ecophon
SAINT-GOBAIN

Galv 189