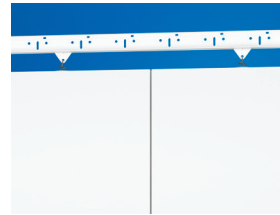


# Ecophon Hygiene Advance™ Baffle C3

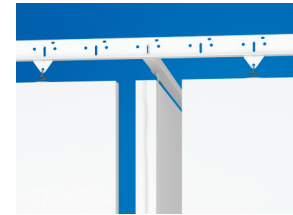


Ecophon Hygiene Advance Baffle C3 is an open system with vertical baffles intended for use in environment where there is a high level of contamination, and where frequent cleaning is required. This system is used mainly in premises where it is not possible to install a wall to wall ceiling because of sprinkler systems, installations or skylights, etc. Examples of applications: areas with high levels of airborne grease, areas exposed to splatter from meat juices, fruit juices or other liquids.

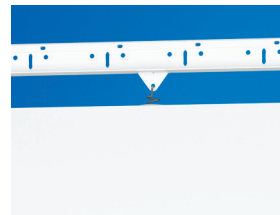
The system consists of Ecophon Hygiene Advance Baffles, which have a core of high density glass wool encapsulated in a smooth high-performance film that is impervious to particles and water. The film is also dirt-repellent and resistant to most chemicals. The supporting structure is a corrosion protected exposed Connect T24 C3 grid of lacquered galvanised steel. The weight of the system is approximately 4 kg/m<sup>2</sup>. The Ecophon Hygiene Advance Baffle C3 is a technical ceiling system which might have aesthetic variations that will not affect the functionality of the system.



Hygiene Advance Baffle C3 in rows



Hygiene Advance Baffle C3 in rectangles



Hygiene Advance Baffle C3 with Connect Baffle clip



Hygiene Advance Baffle

## SYSTEM RANGE

Size, mm	
T24	1200 x 600
Thickness	40
Inst. Diagr.	M259, M260

## TECHNICAL PROPERTIES

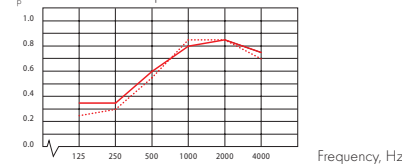
### ACOUSTIC

Sound Absorption: Test results according to EN ISO 354:2003

NOTE: Results shown are not comparable with results according to older versions of this standard due to discrepancies in test method.

Classification according to EN ISO 11654, and the single value ratings for NRC and SAA according to ASTM C 423.

$\alpha_p$  Practical sound absorption coefficient



— Ecophon Hygiene Advance Baffle C3 in rectangles, with ~1,3 baffles per m<sup>2</sup> of ceiling area  
 ···· Ecophon Hygiene Advance Baffle C3 in rows, c 600 mm, with ~1,4 baffles per m<sup>2</sup> of ceiling area

Product	in rows		in rectangles	
	600	600	D	C
o.d.s mm				
absorption class				
$\alpha_w$	0,55	0,60		
NRC	1,0	1,0		
SAA	1,0	1,0		

Sound Insulation: Not applicable

Sound Privacy: Not applicable

**ACCESSIBILITY** The tiles are demountable.

**CLEANABILITY** Daily dusting, vacuum cleaning, manual wet cleaning, high-pressure washing and steam cleaning. Water temperature max. 70°C. Can withstand the use of common disinfecting chemicals.

**VISUAL APPEARANCE** White 141, nearest NCS colour sample S 1000-N, 73% light reflectance.

**INFLUENCE OF CLIMATE** The tiles withstand a permanent ambient RH up to 95% at 30°C without sagging, warping or delaminating (ISO 4611). A higher temperature/moisture is permissible during washing as stated above. Microbiological growth class 0 according to ASTM G 21-96. The grid and accessories meet the demands of corrosion class C3 according to EN ISO 12944-2.

**INDOOR CLIMATE** Can be used in rooms classified as ISO class 4 according to ISO 14644-1.

**ENVIRONMENTAL INFLUENCE** Partly recyclable.

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

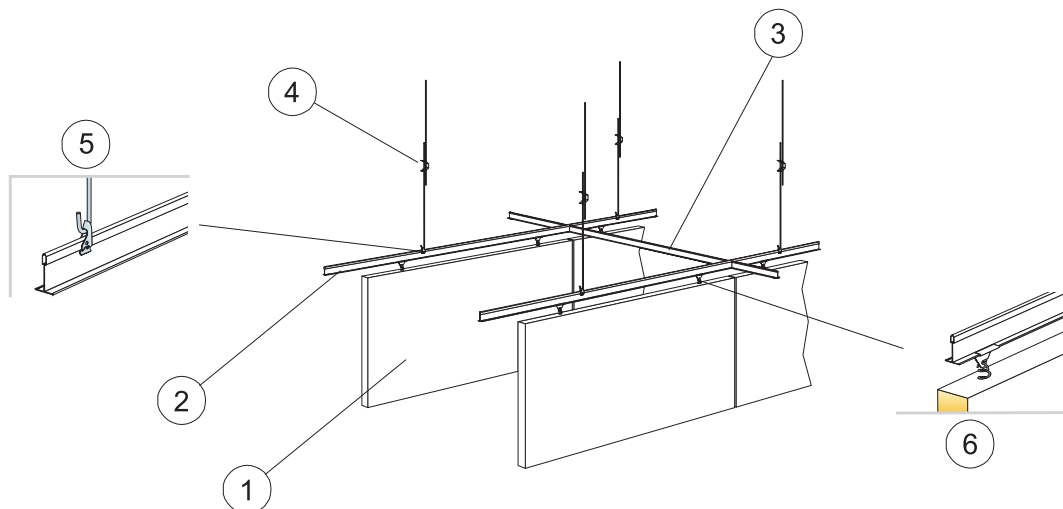
Reaction-to-fire classification

Country	Standard	Class
Europe	EN 13501-1	A2-s1,d0

**MECHANICAL PROPERTIES** See table about Max live load and Min load bearing capacity and Functional demands, Mechanical properties at [www.ecophon.com](http://www.ecophon.com).

**INSTALLATION** Installed according to installation diagrams, installation guides and drawing aid. Cut tiles must be sealed with Connect Hygiene Advance Tape. Penetrations must be sealed with a suitable sealant.

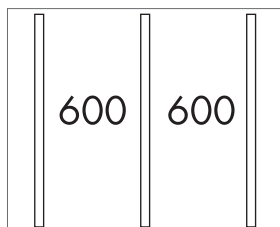
## INSTALLATION DIAGRAM (M259) FOR ECOPHON HYGIENE ADVANCE Baffle C3 (IN ROWS)



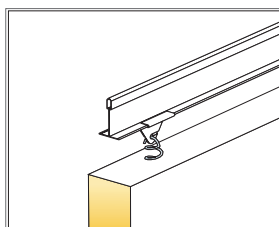
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### QUANTITY SPECIFICATION (EXCL. WASTAGE)

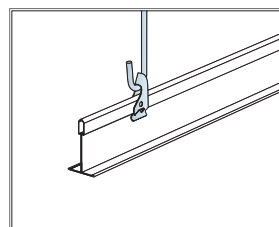
		<b>Size, mm</b>
		<b>1200x600</b>
1	Hygiene Advance Baffle	1,4/m <sup>2</sup>
2	Connect T24 Main runner C3, installed at 600 mm centres	1,7m/m <sup>2</sup>
3	Connect T24 Cross tee C3, L=600 mm, installed at 1800 mm centres	0,6m/m <sup>2</sup>
4	Connect Adjustable hanger C3	1,4/m <sup>2</sup>
5	Connect Hanger clip	1,4/m <sup>2</sup>
6	Connect Baffle clip C3	2,8/m <sup>2</sup>



Installation in rows



Detail of suspension

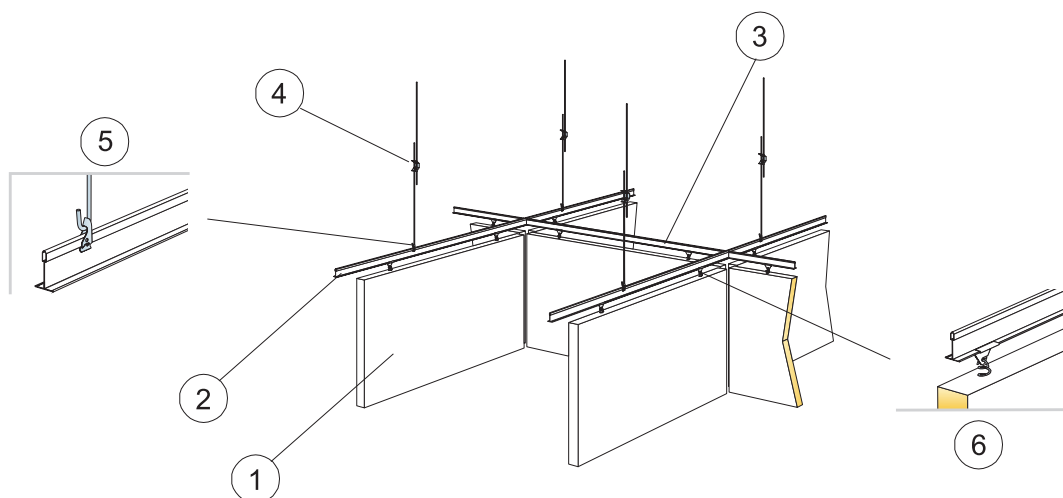


Suspension with adjustable hanger and clip

Size, mm	Max live load [N]	Min load bearing capacity [N]
1200x600	0	160

Live load/load bearing capacity

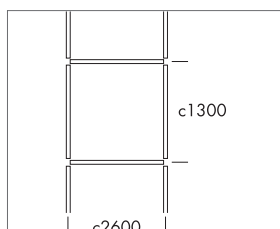
## INSTALLATION DIAGRAM (M260) FOR ECOPHON HYGIENE ADVANCE Baffle C3 (IN RECTANGLES)



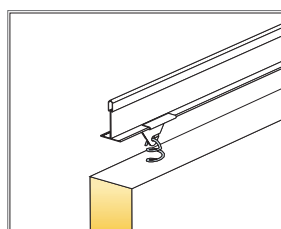
© Ecophon Group

### QUANTITY SPECIFICATION (EXCL. WASTAGE)

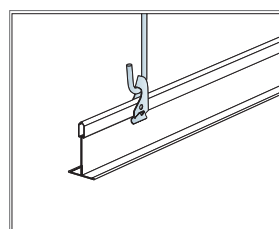
		<b>Size, mm</b>
		<b>1200x600</b>
1	Hygiene Advance Baffle	1,3/m <sup>2</sup>
2	Connect T24 Main runner C3, installed at 1250 mm centres	0,8m/m <sup>2</sup>
3	Connect T24 Cross tee C3, L=1250 mm, installed at 1300 mm centres	0,8m/m <sup>2</sup>
4	Connect Adjustable hanger C3	0,7/m <sup>2</sup>
5	Connect Hanger clip	0,7/m <sup>2</sup>
6	Connect Baffle clip C3	2,5/m <sup>2</sup>



Installation in rectangles



Detail of suspension



Suspension with adjustable hanger and clip

Size, mm	Max live load [N]	Min load bearing capacity [N]
1200x600	0	160

Live load/load bearing capacity