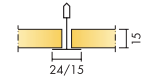


Ecophon Advantage™ A



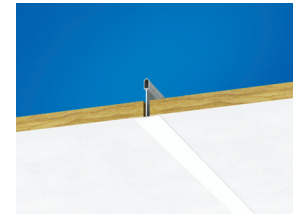
For applications requiring an easy installed suspended ceiling meeting the essential functional demands. Ecophon Advantage A has an exposed grid system and each tile is individually demountable for easy access to soffit above.

The system consists of Ecophon Advantage A tiles and Ecophon Connect grid system with an approximate weight of 2,5 kg/m². The tiles are manufactured from high density glass wool utilizing the 3RD Technology. The visible surface is a high quality batch painted glass tissue in white colour and the back of the tile is covered with glass tissue. Available with natural edges or with edges primed.

For best performance and system quality use Ecophon Connect grid and accessories. The Connect grid is manufactured from galvanized steel.



Advantage A tile



Section of Advantage A system with Connect T24



Advantage A system with Connect T24

SYSTEM RANGE

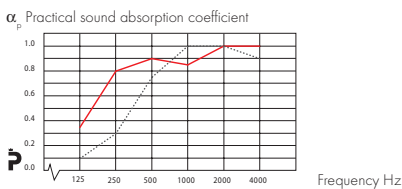
Size, mm	600		1200	
	x	600	x	600
T15	•		•	
T24	•		•	
Thickness	15		15	
Inst. Diagr.	M119, M271		M119	

TECHNICAL PROPERTIES

ACOUSTIC

Sound Absorption: Test results according to EN ISO 354.

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



Product	Advantage A				
	50	90	110	200	400
o.d.s mm					
absorption class	C	B	A	A	A
α_w	0,60	0,85	0,90	0,90	
NRC	0,80	-	-	-	0,85
SAA	0,80	-	-	-	0,87

Sound Insulation: Not applicable.

Sound Privacy: Not applicable

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

CLEANABILITY Weekly dusting and vacuum cleaning.

VISUAL APPEARANCE White 500. Nearest NCS colour code; NCS S 0500-N. 83 % light reflectance. (The tiles need to be installed in accordance with the arrows on the back of the tile in order to get optimal visual appearance).

INFLUENCE OF CLIMATE The tiles withstand a permanent ambient RH up to 95% at 30°C without sagging, warping or delaminating (ISO 4611).

INDOOR CLIMATE Certified by the Indoor Climate Labelling, emission class M1 for building materials and recommended by the Swedish Asthma and Allergy Association.

ENVIRONMENTAL INFLUENCE Granted the Nordic Swan eco-label. Fully recyclable.

FIRE SAFETY The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182. The systems are classified as fire protective covering according to NT FIRE 003.

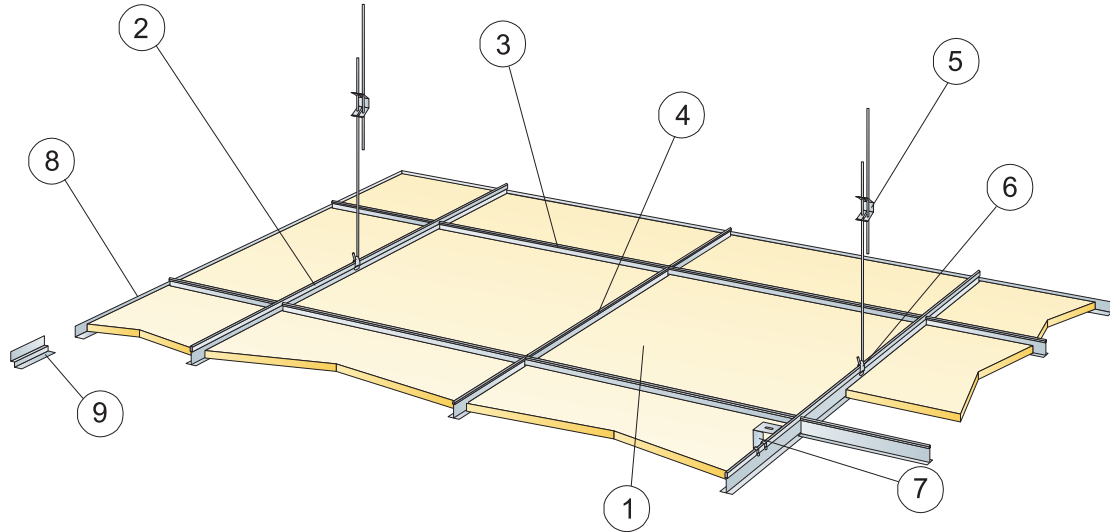
Reaction-to-fire classification

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.

INSTALLATION Installed according to installation diagrams, installation guides and drawing aid. (The tiles to be installed according to the arrows on the back of the tile.)

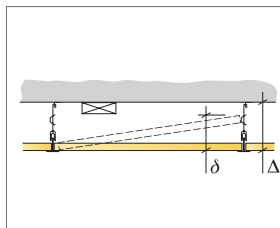
INSTALLATION DIAGRAM (M119) FOR ECOPHON ADVANTAGE A



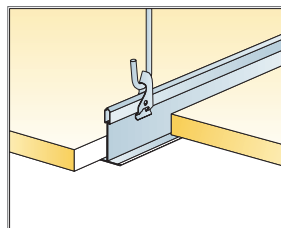
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QUANTITY SPECIFICATION (EXCL. WASTAGE)

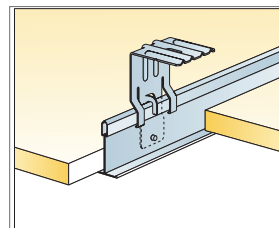
		Size, mm	
		600x600	1200x600
1	Advantage A	2,8/m ²	1,4/m ²
2	Connect T24 or T15 Main runner, installed at 1200 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no live load between Main runner and wall).	0,9m/m ²	0,9m/m ²
3	Connect T24 or T15 Cross tee, L=1200 mm, installed at 600 mm centres	1,7m/m ²	1,7m/m ²
4	Connect T24 or T15 Cross tee, L=600 mm	0,9m/m ²	-
5	Connect Adjustable hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,7/m ²	0,7/m ²
6	Connect Hanger clip	0,7/m ²	0,7/m ²
7	For direct installation: Connect Direct bracket, installed at 1200 mm centres	0,7/m ²	0,7/m ²
8	Connect Angle trim, fixed at 300 mm centres	as required	as required
9	Connect Shadow-line trim, fixed at 300 mm centres	as required	as required
Δ Min. overall depth of system, with Adjustable hanger: 100 mm, with Direct bracket: 50 mm		-	-
δ Min. demounting depth: 120 mm (130 mm with 1200x1200)		-	-



See Quantity specification



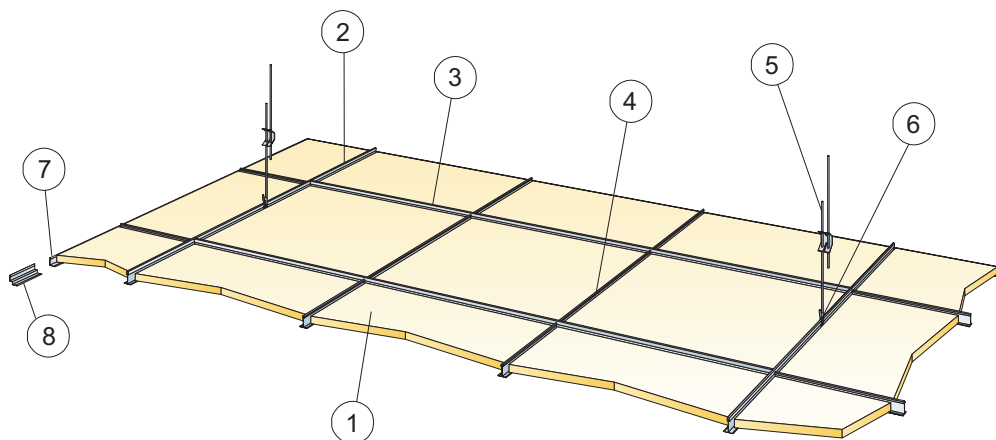
Suspension with adjustable hanger and clip



Suspension with direct bracket

Size, mm	Max live load [N]	Min load bearing capacity [N]
600x600	50	160
1200x600	50	160

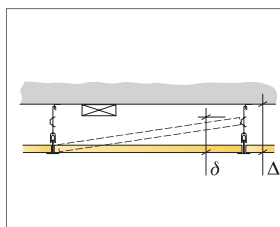
Live load/load bearing capacity



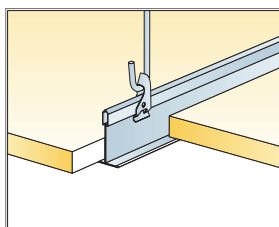
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QUANTITY SPECIFICATION (EXCL. WASTAGE)

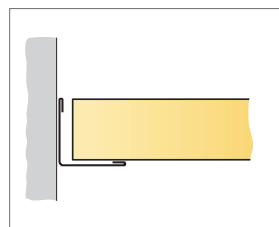
		Size, mm
		600x600
1	Advantage A	2,8/m ²
2	Connect T24 Main runner, installed at 1800 mm centres (max. distance from wall 600 mm, can be extended up to 1200 mm if no live load between Main runner and wall).	0,56m/m ²
3	Connect T24 Cross tee, L=1800 mm	1,7m/m ²
4	Connect T24 Cross tee, L=600 mm centres	1,1m/m ²
5	Connect Adjustable hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,46/m ²
6	Connect Hanger clip	0,46/m ²
7	Connect Angle trim, fixed at 300 mm centres	as required
8	Alt. Connect Shadow-line trim, fixed c300	as required
Δ Min. overall depth of system, with Adjustable hanger: 100 mm, with Direct bracket: 50 mm		-
δ Min. demounting depth: 120 mm		-



See Quantity specification



Suspension with adjustable hanger and clip



Straight cut, panel resting on wall trim

Size, mm	Max live load [N]	Min load bearing capacity [N]
600x600	20	160

Live load/load bearing capacity