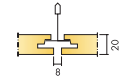




ECOPHON FOCUS™ DG



For applications where a unique demountable suspended ceiling is required. The edge design of the system conceals the support edges of the tile and creates a distinctive floating appearance. The suspension grid is approximately 14 mm above the visible surface of the tile, which gives the impression that each tile is individually suspended. The tiles are easily demountable even in areas where there is a very small overall depth of system.

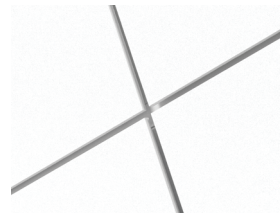
The systems consist of Ecophon Focus Dg tiles and Ecophon Connect grid systems, with an approximate weight of 3-4 kg/m². The tiles are manufactured from high density glass wool. The visible surface has an Akutex™ FT coating and the back of the tile is covered with glass tissue. The edges are painted. For best performance and system quality, use Ecophon Connect grid and accessories. The grid is manufactured from galvanized steel. The tile is patented in the US, and patent pending in Europe.



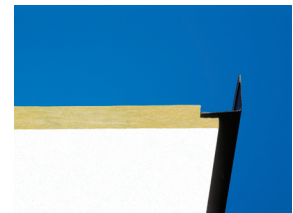
Focus Dg tile



Section of Focus Dg system



Section of Focus Dg system



Focus Dg with Connect Angle trim Ultra matt black

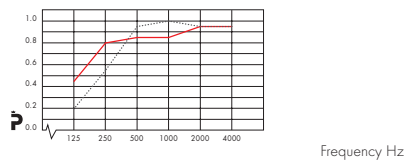
SYSTEM RANGE

Size, mm	600		1200		1800		2400	
	x	600	x	1200	x	1800	x	2400
T24	•	•	•	•	•	•	•	•
Thickness	20	20	25	20	20	20	20	20
Inst. Diagr.	M202	M202	M203	M204	M204	M204	M204	M204

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.

α_p Practical sound absorption coefficient



– Ecophon Focus Dg 20 mm 200 mm o.d.s.
– Ecophon Focus Dg 20 mm 65 mm o.d.s.
o.d.s. = overall depth of system

Product	Focus Dg 20 mm			Focus Dg 25 mm			
	65	75	200	65	200	400	
o.d.s mm	65	75	200	65	200	400	
absorption class	B	A	A	A	B		
NRC	0,90	-	-	0,80	0,90	-	0,85
SAA	0,89	-	-	0,82	0,88	-	0,82
α_w							

Sound Insulation Not applicable.

Sound Privacy AC(1.5)=180 according to ASTM E 1111 and E 1110.

ACCESSIBILITY The tiles in size 600x600 and 1200x600 are easily demountable. The tiles in size 1200x1200 and XL sizes are demountable. Minimum demounting depth according to installation diagrams.

CLEANABILITY Daily dusting and vacuum cleaning. Weekly wet wiping.

VISUAL APPEARANCE White Frost, nearest NCS colour sample S 0500-N, 85% light reflectance (of which more than 99% is diffuse reflection). Retro reflection coefficient 63 mcd*m⁻²lx⁻¹. Gloss < 1.

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, recommended by the Swedish Asthma and Allergy Association, and can be used in rooms classified as ISO class 6 according to ISO 14644-1.

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

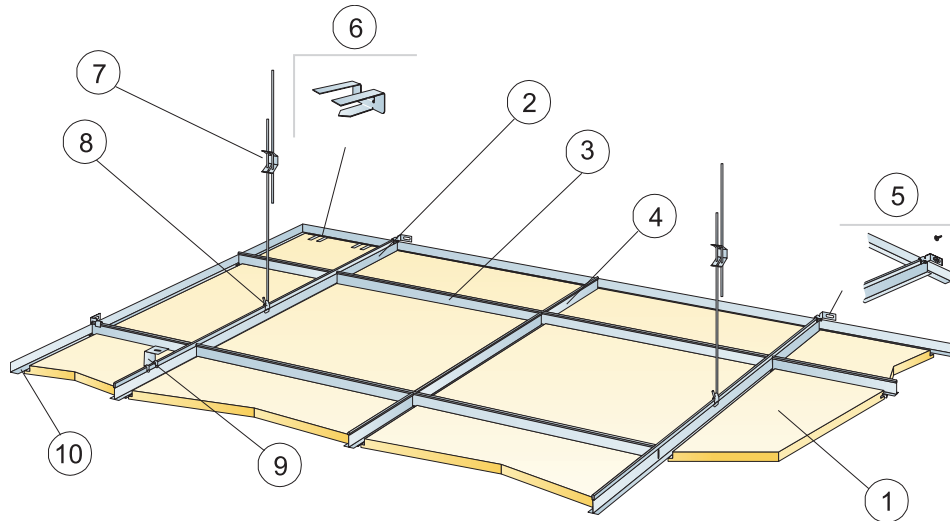
FIRE SAFETY The glass wool core of the tiles is tested and classified as non-combustible according to prEN ISO 1182. The systems are classified as fire protective covering according to NT FIRE 003. See Technical properties, Fire safety.

Reaction-to-fire classification

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

MECHANICAL PROPERTIES For information regarding live load and requirements for load bearing capacity, see installation diagrams. Conditions: See Functional demands, Mechanical properties.

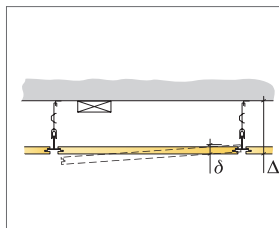
INSTALLATION Installed according to system range which includes information regarding minimum overall depth of system.



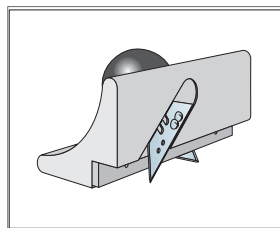
© Ecophon Group

QUANTITY SPECIFICATION (EXCL. WASTAGE)

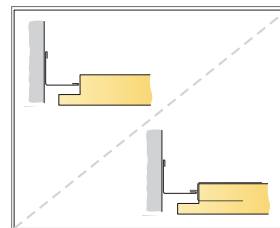
		Size, mm	
		600x600	1200x600
1	Ecophon Focus Dg	2,8/m ²	1,4/m ²
2	Connect T24 Main runner HD, installed at 1200 mm centres	0,9m/m ²	0,9m/m ²
3	Connect T24 Cross tee, L=1200 mm, installed at 600 mm centres	1,7m/m ²	1,7m/m ²
4	Connect T24 Cross tee, L=600 mm	0,9m/m ²	-
5	Connect Wall bracket for T-profiles	1 for every row of suspended Main runner HD	
6	Connect Support clip Dg20	1 /300-400mm on any cut edge	
7	Connect T24 Cross tee, L=1200 mm, installed at 600 mm centres	0,7/m ²	0,7/m ²
8	Connect Hanger clip	0,7/m ²	0,7/m ²
9	For direct installation: Connect Direct bracket	0,7/m ²	0,7/m ²
10	Connect Angle trim, fixed at 300 mm centres	as required	as required
Min. overall depth of system, with Adjustable hanger: 115 mm, with Direct bracket: 65 mm			
δ Min. demounting depth: 30 mm			



See Quantity specification



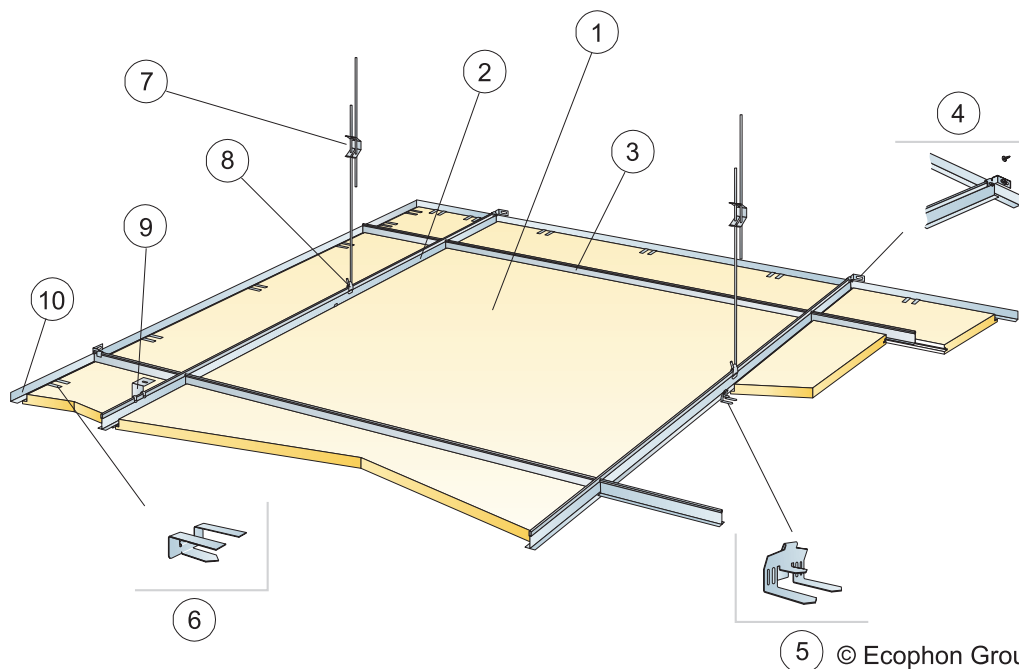
Cutting tool DG 0991



Cutting tool DG 0991

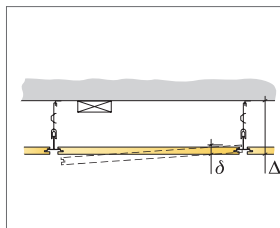
Size, mm	Max live load [N]	Min load bearing capacity [N]
600x600	50	160
1200x600	50	160

Live load/load bearing capacity

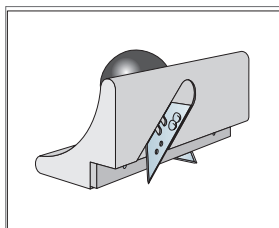


QUANTITY SPECIFICATION (EXCL. WASTAGE)

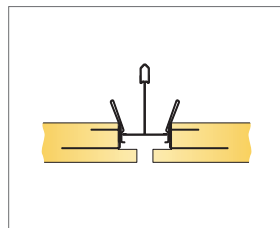
	Size, mm
	1200x1200
1 Focus Dg	0,7/m ²
2 Connect T24 Main runner HD, installed at 1200 mm centres	0,9m/m ²
3 Connect T24 or T15 Cross tee, L=1200 mm, installed at 1200 mm centres	0,9m/m ²
4 Connect Wall bracket for T-profiles	1 for every row of suspended Main runner HD
5 Connect Edge clip	1,4/m ²
6 Connect Support clip DG25	1 /300-400mm on any cut edge
7 Connect T24 Cross tee, L=1200 mm, installed at 600 mm centres	0,7/m ²
8 Connect Hanger clip	0,7/m ²
9 For direct installation: Connect Direct bracket	0,7/m ²
10 Connect Angle trim, fixed at 300 mm centres	as required
Min. overall depth of system, with Adjustable hanger: 115 mm, with Direct bracket: 65 mm	
δ Min. demounting depth: 30 mm	



See Quantity specification



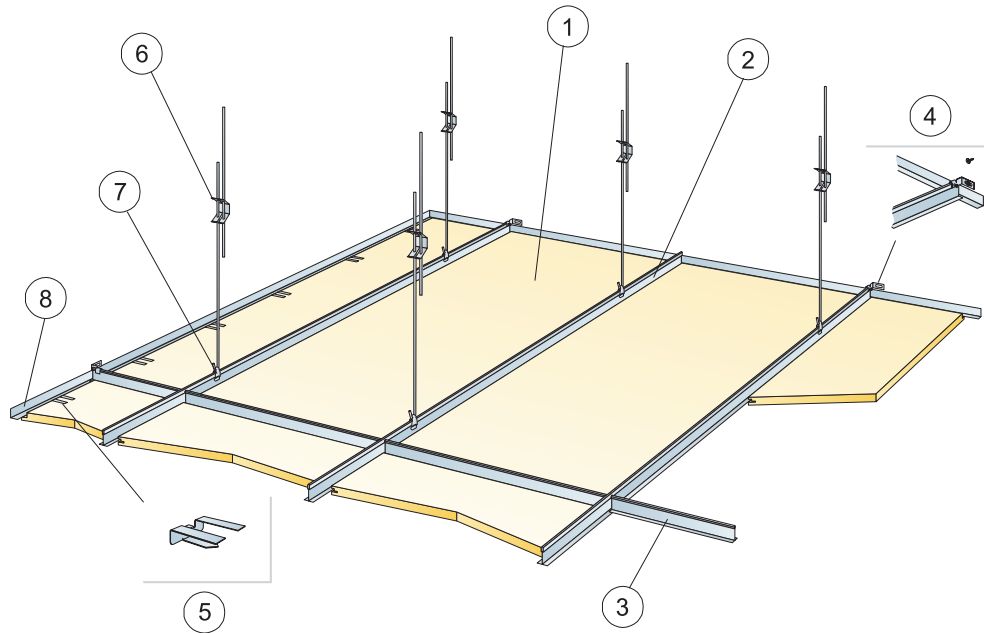
Cutting tool DG



Joint between two unsupported edges with Edge clip

Size, mm	Max live load [N]	Min load bearing capacity [N]
1200x1200	50	160

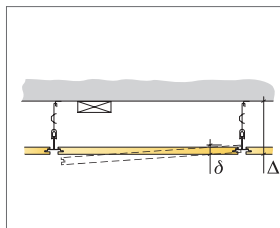
Live load/load bearing capacity



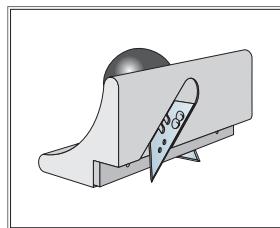
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QUANTITY SPECIFICATION (EXCL. WASTAGE)

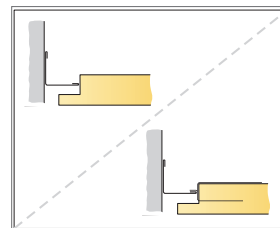
	Size, mm			
	1600x600	1800x600	2000x600	2400x600
1 Ecophon Focus Dg XL	1,05/m ²	0,95/m ²	0,85/m ²	0,7/m ²
2 Connect T24 Main runner HD, installed at 600 mm centres	1,7m/m ²	1,7m/m ²	1,7m/m ²	1,7m/m ²
3 Connect T24 Cross tee, l=600 mm	0,65m/m ²	0,6m/m ²	0,5m/m ²	0,45m/m ²
4 Connect Wall bracket for T-profiles	1 for every row of suspended Main runner HD	1 for every row of suspended Main runner HD	1 for every row of suspended Main runner HD	
5 Connect Support clip Dg20	1 pc./300-400 mm on every cut perimeter tile with only 1 supporting edge			
6 Connect Adjustable hanger, installed at 1500 mm centres (max. distance from wall 450 mm)	1,1/m ²	1,1/m ²	1,1/m ²	1,1/m ²
7 Connect Hanger clip	0,7/m ²	0,7/m ²	0,7/m ²	0,7/m ²
8 Connect Angle trim, fixed at 300 mm centres	as required	as required	as required	as required
Δ Min. overall depth of system: 115 mm	-	-	-	-
δ Min. demounting depth: 30 mm	-	-	-	-



See Quantity specification



Cutting tool DG



Cutting tool DG 0991

Size, mm	Max live load [N]	Min load bearing capacity [N]
1600x600	50	160
1800x600	50	160
2000x600	50	160
2400x600	50	160

Live load/load bearing capacity