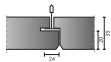


Ecophon Saga™ D

Ecophon Saga D has a concealed grid and bevelled edges with a narrow groove between each tile. For applications with high demand on both acoustics and design, and where individual tiles must be easily demountable.



SYSTEM RANGE



Size, mm	600x600	1200x600
T24	•	•
Thickness	35	35
Inst. Diagr.	M684	M684



Saga D panel



Saga D System



Saga D Section

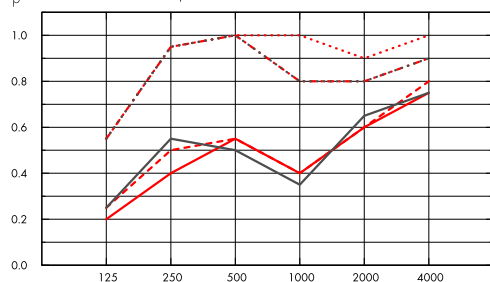


Acoustic

Sound Absorption:

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

α_p , Practical sound absorption coefficient



- Saga D 35mm Elegant, 200 mm o.d.s.
- Saga D 35mm Elegant + Mineral wool, 200 mm o.d.s.
- Saga D 35mm Discreet, 200 mm o.d.s.
- Saga D 35mm Discreet + Mineral wool, 200 mm o.d.s.
- Saga D 35mm Normal, 200 mm o.d.s.
- Saga D 35mm Normal + Mineral wool, 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		
1.0 Elegant	35	200	0.20	0.40	0.55	0.40	0.60	0.75	0.50	D
1.0 Elegant + Mineral wool	75	200	0.55	0.95	1.00	1.00	0.90	1.00	1.00	A
1.5 Discreet	35	200	0.25	0.50	0.55	0.40	0.60	0.80	0.50	D
1.5 Discreet + Mineral wool	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B
2.5 Normal	35	200	0.25	0.55	0.50	0.35	0.65	0.75	0.45	D
2.5 Normal + Mineral wool	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B



Indoor Air Quality

Certificate / Label	
Eurofins Indoor Air Comfort®	IAC Gold
French VOC	A+
Finnish M1	•





Carbon footprint

	kg CO ₂ equiv./m ²
Saga (white cement)	8,97
Saga (grey cement)	6,72
Saga (white cement) + Saga Acoustic	12,61
Saga (grey cement) + Saga Acoustic	10,36

Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804



Circularity



Products are made with FSC certified wood.



Fire safety

Country	Fire standard	Class
Europe	EN 13501-1	B-s1,d0



Humidity Resistance

Class C, relative humidity 95% and 30°C, according to EN 13964:2014



Thermal Properties

Thermal conductivity $\lambda = 0,1$ W/m·K according to EN 12664.



Cleanability

Weekly dusting and vacuum cleaning.



Mould and Bacterial Resistance

Standard/Method	
ISO 846 A	0
ISO 846 C	0



Accessibility

The tiles are demountable.



System weight

kg/m ²	35 mm
Elegant	16.5
Discreet	16.0
Normal	15.5

Weight information is indicative and subject to variation.



Mechanical properties

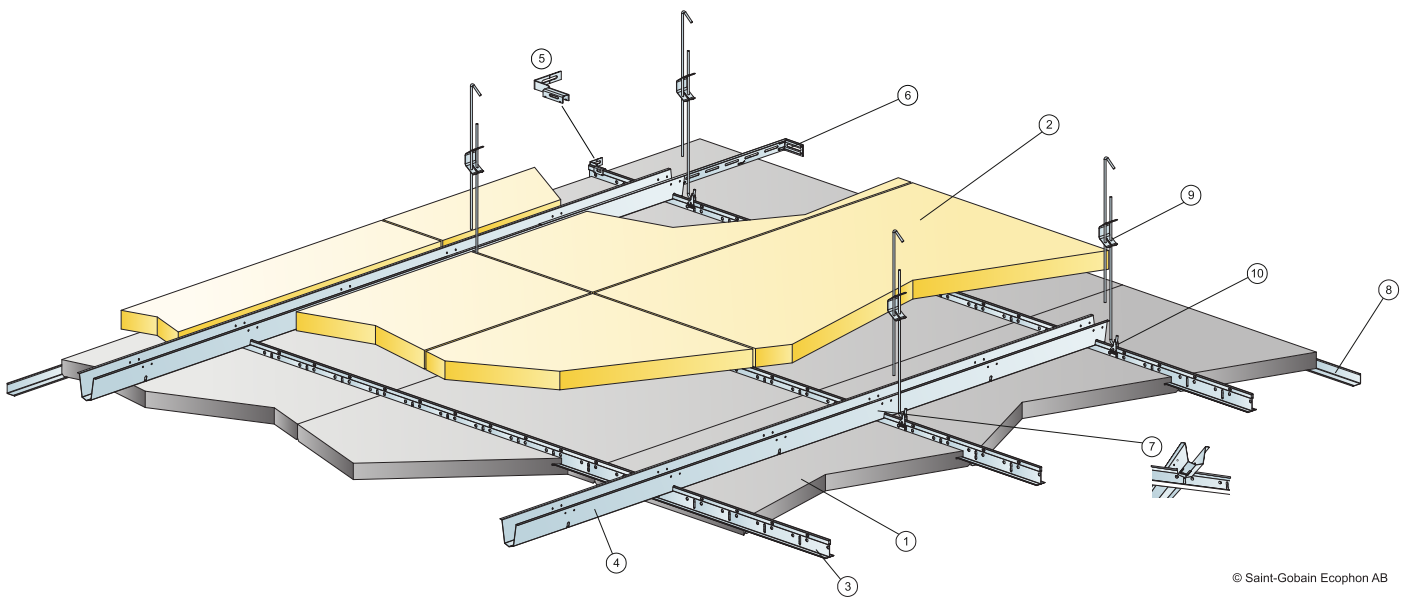
See table regarding the min- and max- load bearing capacities and functional demands. Additional live load has to be fixed to the soffit.



CE

Ecophon Saga products are CE-marked according to the European harmonized standard EN13964:2014 (suspended ceilings). 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.

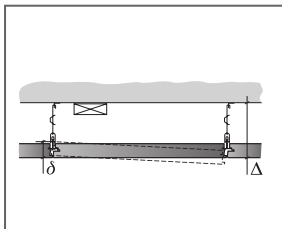
INSTALLATION DIAGRAM (M684) FOR ECOPHON SAGA D



© Saint-Gobain Ecophon AB

QUANTITY SPECIFICATION (EXCL. WASTAGE)

	Size, mm	
	600x600	1200x600
1 Saga D	2,8/m ²	1,4/m ²
2 Saga Acoustic or mineral wool (if required)	as required	as required
3 Connect T24 Main runner HD, installed at 600 mm centres (max. distance from wall 600 mm).	1,7m/m ²	1,7m/m ²
4 Connect Space Bar, installed at 1500 mm centres (max. distance from wall 300 mm)	0,7m/m ²	0,7m/m ²
5 Connect Wall Bracket for T-profiles	1/suspended row of Main runner	
6 Connect Wall Bracket, L=700 mm, for Connect Space Bar	1/row of Space bar	
7 Connect Space Bar Winch, installed one per joint Connect Main Runner/Connect Space Bar	1,4/m ²	1,4/m ²
8 Connect Angle trim, fixed at 300 mm centres	as required	as required
9 Connect Adjustable Hanger, installed at 1200 mm centres (max. distance from wall 600 mm)	0,7/m ²	0,7/m ²
10 Connect Hanger Clip (not to be used in swimming hall environments)	0,7/m ²	0,7/m ²
Δ Min. overall depth of system: Δ 200 mm	-	-



See Quantity Specification

Size, mm	Max live load [N]	Min load bearing capacity [N]
600x600x35	35	160
1200x600x35	35	160

Live load/load bearing capacity