

ECOPHON

SAGA™

NATŪRALUS MEDŽIO GROŽIS



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Bet koks šioje brošiūroje pateiktas vaizdas, aprašymas, iliustracija ir matmenys yra tik informacinio pobūdžio ir nėra įpareigojantys. Šioje brošiūroje pristatomi įmonės Ecophon gaminiai, bet joje gali būti minimų ir trečiųjų šalių gaminių. Ecophon neatsako už spausdinimo klaidas. Ecophon pasilieka teisę bet kuriuo metu keisti gaminio specifikacijas be išankstinio įspėjimo. Visada būtina laikytis rekomendacijų dėl gaminio naudojimo, montavimo (surinkimo), taip pat laikymo, priežiūros ir patalpų aplinkos sąlygų. Vadovaukitės taikomais techniniais dokumentais, pvz., techninių duomenų lapu ir montavimo rekomendacijomis. Išsamios ir atnaujintos informacijos, įskaitant naujausią galiojančių bendrųjų pardavimo sąlygų versiją, ieškokite svetainėje www.ecophon.com/lt

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GARSO POVEIKIS

ŽMONĖMS

Saint-Gobain Ecophon padeda užtikrinti gerą darbui, gydymui ir mokymuisi skirtų patalpų aplinką. Tai darome projektuodami, gamindami ir tiekdami akustinius produktus bei sistemas, sukurtus atsižvelgiant į natūralią žmogaus klausos evoliuciją – patalpose stengiamės atkurti lauke skambančio garso patyrimą, nes būtent toks garsas yra maloniausias žmogaus ausiai.

Siekiame visais įmanomais būdais užtikrinti tvarų poveikį žmonių gerovei ir tuo didžiuojamės. Būtent todėl aistringai pabrėžiame geros patalpų akustikos svarbą žmonių savijautai – ji svarbi bet kokioje erdvėje, užsiimant bet kokia veikla ir tenkinant bet kokius poreikius.

GERA AKUSTIKA

SVARBI VISUR

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Akustikos svarba vis dar nepakankamai suvokiama. Juk garsas daro didelį poveikį mūsų kasdienybei – dokumentuota daugybė mokslinių faktų, kurie patvirtina, kokia yra svarbi gera akustinė patalpų aplinka.

Tad kokia akustinė patalpų aplinka yra tinkamiausia žmonėms? Viena vertus, ji priklauso nuo to, kaip mes patiriame garsą būdami lauke. Žmogaus klausa natūraliai pritaikyta prie lauko aplinkos, kurioje nėra jokių garso atspindžių nuo lubų ir sienų.

Taigi Ecophon deda dideles pastangas, siekdama patalpose atkurti gamtai būdingas garso ypatybes. Norėdami pagerinti eksploatacines savybes ir naudotojų gerovę, siekiame optimaliai pritaikyti vidaus patalpas, kad jose garsas skambėtų kuo natūraliau mūsų klausai, o kalba ir kiti garsai būtų lengvai girdimi ir suprantami.

Kelionė šio tikslo link paprastai prasideda nuo lubų. Vientisos akustinės lubos – lengviausias būdas erdvėje sumontuoti didelį garsą sugeriantį paviršių ir, dažniausiai, geriausias būdas sumažinti garso stiprumą, sutrumpinti aidėjimo trukmę, pagerinti kalbos aiškumą ir bendrąjį klausymosi komfortą.



7



LINK

TVARIOS AKUSTIKOS

Tvarumas yra daugiau nei žodis – tai kolektyvinis judėjimas, reikalaujantis sąžiningo įsipareigojimo ir nuoširdaus rūpinimosi, kuriuo siekiama apsaugoti žmones ir planetą. Būtent todėl Ecophon, be kita ko, naudoja kokybiškesnes medžiagas, siekia užtikrinti skaidrumą ir laikosi tvarumo principų.

Mes aktyviai remiame viso mūsų sektoriaus siekį parengti standartizuotas, lengvai prieinamas aplinkosaugines gaminių deklaracijas, skirtas atskiriems produktams, o ne jų grupėms. Į tokias deklaracijas turėtų būti įtraukta informacija, apimanti visą produkto gyvavimo ciklą – nuo žaliavų įsigijimo iki gyvavimo pabaigos, o ne tik palankius etapus. Taip pat turėtų būti atsisakoma ženklelių, suteikiamų remiantis gamintojo deklaracijomis, arba nepriklausomai nepatikrintų teiginių apie tvarumą. Visi pažadai dėl tikslų neišskirti į aplinką anglies dioksido turėtų būti patvirtinti Mokslu pagrįstų tikslų iniciatyvos.

Jei ketiname kurti tvarią ateitį, turime pradėti nuo sąžiningo požiūrio, didelių užmojų ir geriausių ketinimų bei kartu siekti geresnių rezultatų.

ECOPHON **SAGA™**

NATŪRALUS MEDŽIO GROŽIS

Ecophon Saga™ derina laikui nepavaldų medžio dizainą su pilnomis sistemomis, užtikrinančiomis efektyvų garso slopinimą, naudojant Ecophon akustinius elementus ir Connect™ konstrukcijas. Matoma paviršiaus struktūra iš susmulkintos medienos suteikia natūralų estetinį vaizdą.

- Sugerties klasė nuo A iki D, priklausomai nuo sistemos
- 4 skirtingos briaunos
- Naudojami Ecophon mineralinės vatos absorberiai optimaliam garso slopinimui.

*Ramybės istorija,
pasakojama medžių.
Apgaubta gamtos.*





MEDŽIAGOS PRIVALUMAI

KOMFORTIŠKAS VIDAUS MIKROKLIMATAS

Medienos plaušo plokštės geba kaupti šilumą, o porėta struktūra padeda reguliuoti patalpos drėgmės lygį – sugerdama ir atiduodama drėgmę. Tai padeda išlaikyti pastovesnę temperatūrą, sumažina energijos sąnaudas ir sukuria malonesnį vidaus mikroklimatą.

ATSPARUMAS PELĖSIUI IR PUVINIUI

Ecophon Saga™ yra atspari pelėsiui ir puviniiui, todėl puikiai tinka aplinkose, kuriose vyrauja didelė drėgmė ar intensyvus naudojimas, pavyzdžiui, sporto paskirties patalpose.

GALIMA PERDAŽYTI NEPRARANDANT GARSO SUGERTIES SAVYBIŲ

Unikali Ecophon Saga™ savybė – tvirtą paviršių galima perdažyti, nesumažinant garso sugerties efektyvumo..

ŠVEDIŠKA MEDIENA IŠ VIETINIŲ ŠALTINIŲ

Medienos plaušo gamykla įsikūrusi Švedijos užmiestyje, kur mediena kruopščiai paverčiama garsą sugeriančiomis plokštėmis. Žaliavoms naudojama tik sertifikuota, vietoje užauginta mediena, išgaunama maždaug 50 km spinduliu aplink gamyklą.

MŪSŲ KELIAS TVARUMO LINK

Ecophon siekia tapti pirmuoju akustinių sprendimų gamintoju, pasiekusiu nulinį grynąjį anglies pėdsaką. Nuolat tobulindami savo gaminių akustines savybes, tuo pačiu siekiame didinti aplinkosauginį tvarumą – pasitelkdami skaidrumą ir inovacijas.





ECOPHON SAGA™ A

ECOPHON SAGA™ A

ECOPHON SAGA™ A A2

Ecophon Saga™ A turi matomą konstrukcijos sistemą su lengvai išmontuojamomis plokštėmis arba tiesiogiai tvirtinama varžtais. Sistemose, kur reikalingas optimizuotas garso sugėrimas, naudojama mineralinė vata. Šios plokštės dažnai naudojamos viešųjų ir gyvenamųjų pastatų interjero dizainui, suteikiant natūralų ir šiltą įvaizdį.

- Sugerties klasė nuo A iki D, priklausomai nuo sistemos
- Medienos plaušo briaunos
- Lengvai išmontuojamos plokštės
- Ecophon Saga™ A A2 turi degumo klasę A2-s1,d0

ECOPHON SAGA™ D

ECOPHON SAGA™ D A2

Ecophon Saga™ D turi paslėptą konstrukciją ir nuožulnius kraštus, tarp kurių susidaro siauras griovelis. Skirta patalpoms, kur keliama aukšti reikalavimai tiek akustikai, tiek dizainui, ir kur atskiras plokštės reikia lengvai išmontuoti.

- Sugerties klasė D, B arba A, priklausomai nuo sistemos
- Subtilus briaunų dizainas
- Lengvas montavimas
- Ecophon Saga™ D A2 turi degumo klasę A2-s1,d0



ECOPHON SAGA™ D



ECOPHON SAGA™ B

ECOPHON SAGA™ B

ECOPHON SAGA™ B A2

Ecophon Saga™ B montuojama nuo krašto iki krašto ir tiesiogiai tvirtinama varžtais. Nuožulnūs kraštai sukuria siaurą tarpą tarp plokščių. Ši sistema skirta patalpoms, kur reikalingas kuo mažesnis bendras sistemos gylis.

- Sugerties klasė nuo A iki D, priklausomai nuo sistemos
- Nuožulnūs kraštai
- Lengvas tiesioginis tvirtinimas varžtais
- Ecophon Saga™ B A2 turi degumo klasę A2-s1,d0

ECOPHON SAGA™ E

ECOPHON SAGA™ E A2

Ecophon Saga™ E sistema turi įgilinto tipo matomą konstrukciją ir nuleistus kraštus, kurie sukuria šešėlio efektą, kuris paryškina kiekvieną plokštę ir iš dalies paslepia konstrukcijos linijas. Skirta patalpoms, kur reikalingos estetiškos pakabinamos lubos ir svarbu, kad atskiras plokštės būtų galima lengvai išimti.

- Sugerties klasė nuo A iki D, priklausomai nuo sistemos
- Dažyti arba natūralūs kraštai
- Lengvai išmontuojamos, su šešėlio efektu
- Ecophon Saga™ E A2 turi degumo klasę A2-s1,d0



ECOPHON SAGA™ E

PAVIRŠIAUS STRUKTŪRA

Saga gaminama su trimis skirtingomis paviršiaus struktūromis: Normal su 2.5 mm medžio plaušo drožlėmis, Discreet su 1.5 mm medžio plaušo drožlėmis arba Elegant su 1 mm medžio plaušo drožlėmis. Plonesnės drožlių struktūros plokštės suteikia modernų ir stilingą įvaizdj, o Normal versija pabrėžia ryškesnį ir natūralų, šiek tiek grubesnės faktūros estetinį vaizdą patalpoje.

NORMAL 2.5 MM



DISCREET 1.5 MM



ELEGANT 1 MM



BRIAUNOS

ECOPHON SAGA™ A
ECOPHON SAGA™ A A2

1200x600
600x600
2400x600*



ECOPHON SAGA™ B
ECOPHON SAGA™ B A2

1200x600
600x600
2400x600



ECOPHON SAGA™ D
ECOPHON SAGA™ D A2

1200x600
600x600



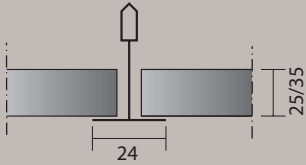
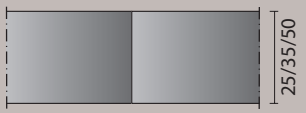
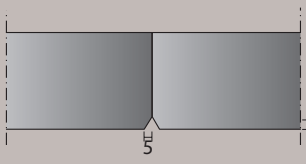
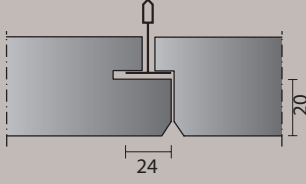
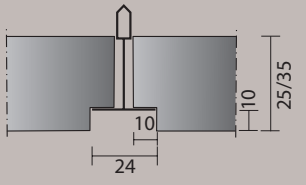
ECOPHON SAGA™ E
ECOPHON SAGA™ E A2

1200x600
600x600



PASTABA
* Tik tiesioginiam montavimui

ECOPHON SAGA™ APŽVALGA

BRIAUNOS	PRODUKTAS	GARSO SUGERTIES KLASĖ	CONNECT KONSTRUKCIJA	DYDIS (MM)	PLOKŠTĖS STORIS	PAVIRŠIAUS STRUKTŪRA
	Ecophon Saga™ A Ecophon Saga™ A A2	Iki A	Connect™ T24 HD sistema	600x600 1200x600	25, 35	1.0, 1.5, 2.5
	Ecophon Saga™ A Ecophon Saga™ A A2	Iki A	Tiesioginis montavimas	600x600 1200x600 2400x600	25, 35, 50*	1.0, 1.5, 2.5
	Ecophon Saga™ B Ecophon Saga™ B A2	Iki A	C-profiis Plus arba tiesioginis montavimas	600x600 1200x600 2400x600	25, 35, 50*	1.0, 1.5, 2.5
	Ecophon Saga™ D Ecophon Saga™ D A2	Iki A	Connect™ T24 HD sistema	600x600 600x1200	35	1.0, 1.5, 2.5
	Ecophon Saga™ E Ecophon Saga™ E A2	Iki A	Connect™ T24 HD sistema	600x600 600x1200	25, 35	1.0, 1.5, 2.5

PASTABA
* Galima įsigyti tik 2,5mm plaušo storio.

SPALVOS IR PAVIRŠIUS

Ecophon Saga™ sudėtis medžio plaušai, vanduo ir cementas. Mediena yra ilgaamžė medžiaga, kuri išlaikys savo grožį per visą ilgą tarnavimo laiką.

Spalvų asortimentas apima platų patrauklių atspalvių pasirinkimą. Be to, Saga™ galima užsisakyti bet kokia individualia spalva, nurodyta pagal NCS arba RAL spalvų kodus.

SPALVOS



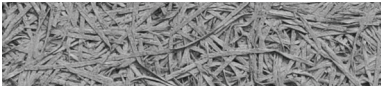
NATURAL
Šviesos atspindėjimas 55.1%.



WHITE
Artimiausias NCS spalvos pavyzdys S 0601-Y.
Šviesos atspindėjimas 82.1%.



LIGHT GREY
Artimiausias NCS spalvos pavyzdys S 3005-B.
Šviesos atspindėjimas 40.0%.



CEMENT GREY
Šviesos atspindėjimas 30.5%.



DARK GREY
Artimiausias NCS spalvos pavyzdys S 7502-B.
Šviesos atspindėjimas 9.0%.



CUSTOM COLOUR
Bet koks NCS arba RAL spalvos kodas

Nordic kolekcija įkvėpta Šiaurės gamtos. Tai ramios spalvos, kurios puikiai atrodo didelėse plokštumose, tinka įvairioms aplinkoms ir lengvai derinamos su kitomis spalvotomis medžiagomis.

Pastaba: spalvos gali šiek tiek skirtis priklausomai nuo gamybos partijos. Spalvų atkūrimas spaudoje gali skirtis nuo realių atspalvių.

NORDIC KOLEKCIJA



FOG
Artimiausias NCS spalvos pavyzdys S 3000-N.
Šviesos atspindėjimas 35.6%.



MOUNTAIN
Artimiausias NCS spalvos pavyzdys S 3005-B50G. Šviesos atspindėjimas 42%.



LUSH
Artimiausias NCS spalvos pavyzdys S 1010-Y10R. Šviesos atspindėjimas 72.8%.



GLADE
Artimiausias NCS spalvos pavyzdys S 2010 G40Y. Šviesos atspindėjimas 44.3%.



COASTLINE
Artimiausias NCS spalvos pavyzdys S 1502-Y. Šviesos atspindėjimas 56.5%.



SAND
Artimiausias NCS spalvos pavyzdys S3005-B50G. Šviesos atspindėjimas 42%.



SUMMER
Artimiausias NCS spalvos pavyzdys S 1510-Y50R. Šviesos atspindėjimas 48.3%.



LILAC
Artimiausias NCS spalvos pavyzdys S 1505-R50B. Šviesos atspindėjimas 57.3%.

PASTABA
Spalvos gali šiek tiek skirtis tarp skirtingų gamybos partijų. Spalvos spaudoje gali skirtis nuo realių spalvų.



Aplinkosaugos produkto deklaracija (EPD) aprašo 1 m² akustinių lubų poveikį aplinkai, kai jos paskirtis – pagerinti patalpos garso sugertį ir sukurti geresnę vidaus aplinką. Ecophon Saga™ plokštės prisideda prie sveikos vidaus aplinkos, užtikrindamos efektyvų garso sugėrimą ir mažą lakiųjų organinių junginių (VOC) emisiją, atitinkančią griežčiausius reikalavimus. Mūsų Saga plokščių anglies pėdsakas yra nepriklausomai patvirtintas Aplinkosaugos produkto deklaracijose (EPD).

Daugiau informacijos apie gaminį ir sistemą, pvz.montavimą ir priežiūrą, rasite adresu www.ecophon.com/lt



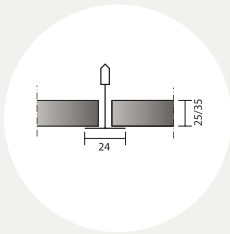
ECOPHON SAGA™ D

SISTEMOS

SAVYBĖS

AKUSTIKA, TECHNINĖS SAVYBĖS IR MONTAVIMO SCHEMOS

26	Saga A
30	Saga A A2
33	Saga B
37	Saga B A2
41	Saga D
43	Saga D A2
45	Saga E
48	Saga E A2

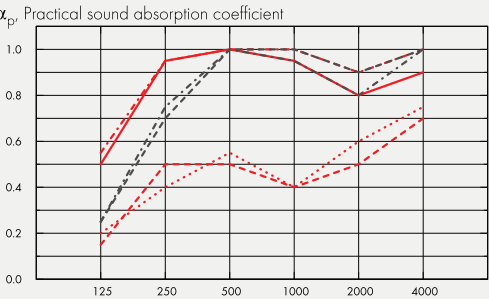


Ecophon Saga™ A

Acoustics:

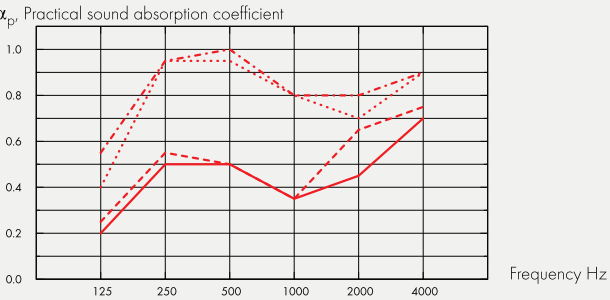
Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.



- Saga A 25mm Elegant, 200 mm o.d.s.
- - - Saga A 25mm Elegant + Saga Acoustic, 200 mm o.d.s.
- ... Saga A 25mm Elegant + TECH Slab, 65 mm o.d.s.
- . . Saga A 35mm Elegant, 200 mm o.d.s.
- . - Saga A 35mm Elegant + TECH Slab, 200 mm o.d.s.
- Saga A 35mm Elegant + TECH Slab, 75 mm o.d.s.

o.d.s = overall depth of system



- - - Saga A 25mm Normal, 200 mm o.d.s.
- ... Saga A 25mm Normal + TECH Slab, 200 mm o.d.s.
- Saga A 35mm Normal, 200 mm o.d.s.
- . - Saga A 35mm Normal + TECH Slab, 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		
Elegant 25mm	25	200	0.15	0.50	0.50	0.40	0.50	0.70	0.50	D
Elegant 25mm	25	25	0.05	0.10	0.20	0.45	0.75	0.55	0.30	D
Elegant 25mm + Saga Acoustic	65	200	0.50	0.95	1.00	0.95	0.80	0.90	0.90	A
Elegant 25mm + TECH Slab	65	200	0.50	0.90	1.00	1.00	0.80	0.95	0.90	A
Elegant 25mm + TECH Slab	65	65	0.25	0.75	1.00	0.95	0.80	1.00	0.90	A
Elegant 35mm	35	200	0.20	0.40	0.55	0.40	0.60	0.75	0.50	D
Elegant 35mm	35	35	0.10	0.15	0.30	0.55	0.70	0.70	0.35	D
Elegant 35mm + TECH Slab	75	200	0.55	0.95	1.00	1.00	0.90	1.00	1.00	A
Elegant 35mm + TECH Slab	75	75	0.25	0.70	1.00	1.00	0.90	1.00	0.95	A
Discreet 25mm	25	200	0.15	0.45	0.45	0.35	0.45	0.70	0.45	D
Discreet 25mm	25	25	0.05	0.10	0.20	0.50	0.70	0.60	0.30	D
Discreet 25mm + Saga Acoustic	65	200	0.45	0.95	0.95	0.85	0.65	0.85	0.75	C
Discreet 25mm + TECH Slab	65	200	0.40	0.95	0.95	0.80	0.65	0.85	0.75	C
Discreet 25mm + TECH Slab	65	65	0.25	0.75	1.00	0.80	0.65	0.85	0.75	C
Discreet 35mm	35	200	0.25	0.50	0.55	0.40	0.60	0.80	0.50	D
Discreet 35mm	35	35	0.10	0.15	0.35	0.75	0.65	0.75	0.40	D
Discreet 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B
Discreet 35mm + TECH Slab	75	75	0.25	0.80	1.00	0.85	0.85	1.00	0.90	A
Normal 25mm	25	200	0.20	0.50	0.50	0.35	0.45	0.70	0.45	D
Normal 25mm	25	25	0.05	0.10	0.30	0.50	0.65	0.60	0.35	D
Normal 25mm + TECH Slab	65	200	0.40	0.95	0.95	0.80	0.70	0.90	0.80	B
Normal 25mm + Saga Acoustic	65	200	0.35	0.95	0.95	0.80	0.70	0.90	0.80	B
Normal 35mm	35	200	0.25	0.55	0.50	0.35	0.65	0.75	0.45	D
Normal 35mm	35	35	0.05	0.15	0.35	0.75	0.60	0.80	0.40	D
Normal 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B
Normal 50mm	50	50	0.15	0.30	0.85	0.80	0.75	0.90	0.60	C

	THK mm	o.d.s. mm	NRC	SAA
Elegant 25mm	25	200	0.50	0.48
Elegant 25mm	25	25	0.40	0.37
Elegant 25mm + Saga Acoustic	65	200	0.95	0.92

Indoor Air Quality:

Certificate / Label	Saga	Saga Acoustic	TECH Slab MT 3.1
Eurofins Indoor Air Comfort®	IAC Gold	IAC Gold	-
French VOC	A+	A+	A
Finnish M1	•		•

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

kg CO ₂ equiv/m ²	25 mm	35 mm	50 mm
Saga (white cement)	6,41	8,97	12,81
Saga (grey cement)	4,80	6,72	9,60
Saga (white cement) + Saga Acoustic	10,05	12,61	16,45
Saga (grey cement) + Saga Acoustic	8,44	10,36	13,24

Circularity: Products are made with FSC certified wood.

Fire safety: 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 λ = 0,1 W/m·K according to EN 12664.

Visual appearance: The visible surface with shredded wood gives a natural aesthetic available in three different textures. Light reflectance and nearest NCS colour sample for all the different colours can be found at Ecophon Colours and surfaces. Choosing the perfect colour for your wood wool panels is an important step. Our unpainted Ecophon Saga™ panels feature the natural variations found in real wood, which are part of its character and make it distinctive. Keep in mind that wood is a living material, so ensure that aesthetic meet your needs. Our Saga range also offers a wide selection of painted colours in any custom NCS or RAL colour code as well as a wide range of standard colours.

Cleanability: Weekly dusting and vacuum cleaning.

Mould and Bacterial Resistance: ISO 846 A: 0, ISO 846 C: 0,

Accessibility: Tiles suspended on T24 grids are demountable. Tiles directly mounted to the soffit are not demountable.

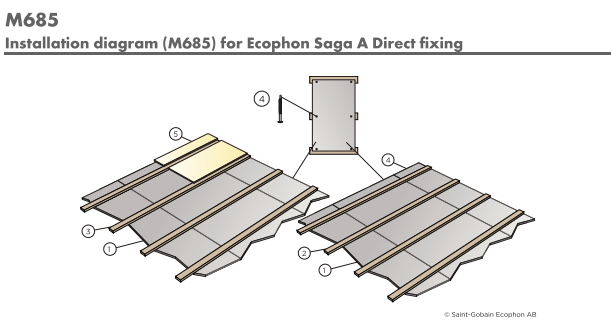
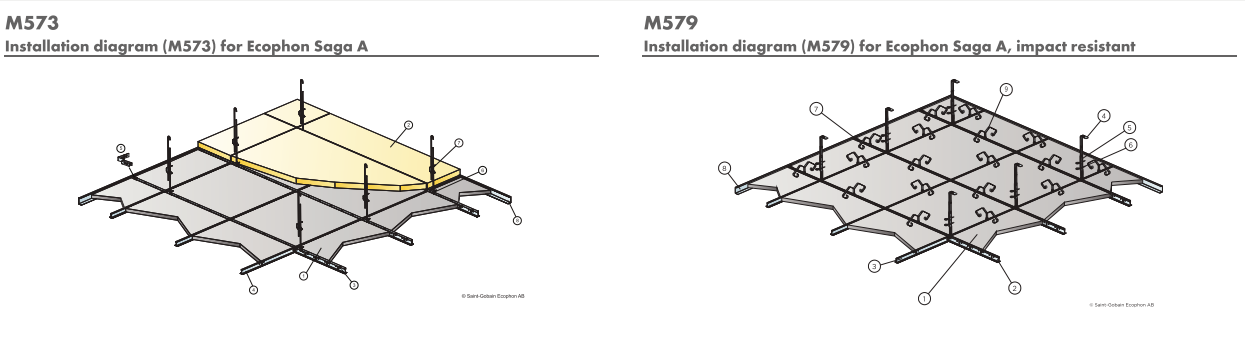
System weight: Weight information for panels only, per fiber size and panel thickness. Data is indicative and subject to variation. Elegant: 14.5, 16.5, -, Discreet: 14.0, 16.0, -, Normal: 13.5, 15.5, 19.0,

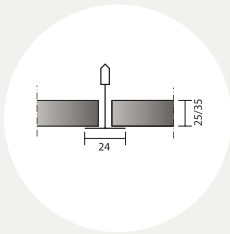
Mechanical properties: See table regarding the min- and max- load bearing capacities and functional demands. Additional live load has to be fixed to the soffit.

Impact Resistance: Tested and classified according to EN 13964 annex D. 25: M579, 2A,

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 in detail www.ecophon.com



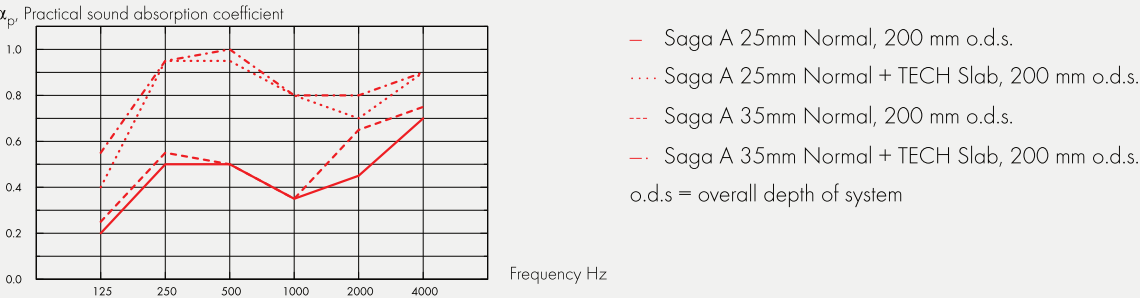
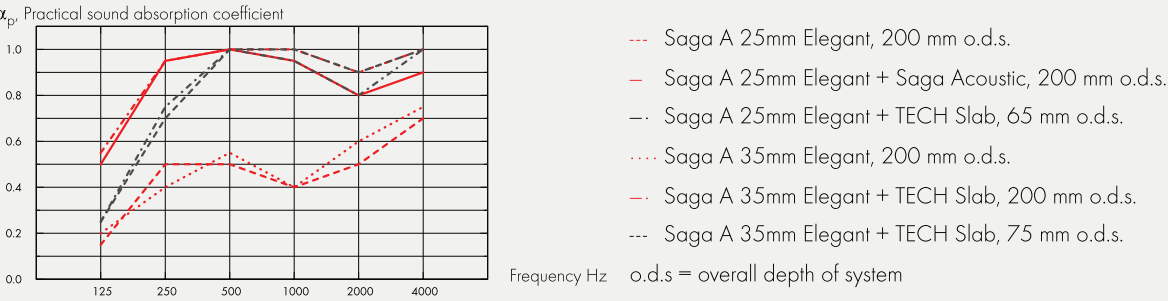


Ecophon Saga™ A A2

Acoustics:

Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.



	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		
Elegant 25mm	25	200	0.15	0.50	0.50	0.40	0.50	0.70	0.50	D
Elegant 25mm	25	25	0.05	0.10	0.20	0.45	0.75	0.55	0.30	D
Elegant 25mm + Saga Acoustic	65	200	0.50	0.95	1.00	0.95	0.80	0.90	0.90	A
Elegant 25mm + TECH Slab	65	200	0.50	0.90	1.00	1.00	0.80	0.95	0.90	A
Elegant 25mm + TECH Slab	65	65	0.25	0.75	1.00	0.95	0.80	1.00	0.90	A
Elegant 35mm	35	200	0.20	0.40	0.55	0.40	0.60	0.75	0.50	D
Elegant 35mm	35	35	0.10	0.15	0.30	0.55	0.70	0.70	0.35	D
Elegant 35mm + TECH Slab	75	200	0.55	0.95	1.00	1.00	0.90	1.00	1.00	A
Elegant 35mm + TECH Slab	75	75	0.25	0.70	1.00	1.00	0.90	1.00	0.95	A
Discreet 25mm	25	200	0.15	0.45	0.45	0.35	0.45	0.70	0.45	D
Discreet 25mm	25	25	0.05	0.10	0.20	0.50	0.70	0.60	0.30	D
Discreet 25mm + Saga Acoustic	65	200	0.45	0.95	0.95	0.85	0.65	0.85	0.75	C
Discreet 25mm + TECH Slab	65	200	0.40	0.95	0.95	0.80	0.65	0.85	0.75	C
Discreet 25mm + TECH Slab	65	65	0.25	0.75	1.00	0.80	0.65	0.85	0.75	C
Discreet 35mm	35	200	0.25	0.50	0.55	0.40	0.60	0.80	0.50	D
Discreet 35mm	35	35	0.10	0.15	0.35	0.75	0.65	0.75	0.40	D
Discreet 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B
Discreet 35mm + TECH Slab	75	75	0.25	0.80	1.00	0.85	0.85	1.00	0.90	A
Normal 25mm	25	200	0.20	0.50	0.50	0.35	0.45	0.70	0.45	D
Normal 25mm	25	25	0.05	0.10	0.30	0.50	0.65	0.60	0.35	D
Normal 25mm + TECH Slab	65	200	0.40	0.95	0.95	0.80	0.70	0.90	0.80	B
Normal 25mm + Saga Acoustic	65	200	0.35	0.95	0.95	0.80	0.70	0.90	0.80	B
Normal 35mm	35	200	0.25	0.55	0.50	0.35	0.65	0.75	0.45	D
Normal 35mm	35	35	0.05	0.15	0.35	0.75	0.60	0.80	0.40	D
Normal 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B
Normal 50mm	50	50	0.15	0.30	0.85	0.80	0.75	0.90	0.60	C

	THK mm	o.d.s. mm	NRC	SAA
Elegant 25mm	25	200	0.50	0.48
Elegant 25mm	25	25	0.40	0.37
Elegant 25mm + Saga Acoustic	65	200	0.95	0.92

Indoor Air Quality:

Certificate / Label	Saga	Saga Acoustic	TECH Slab MT 3.1
Eurofins Indoor Air Comfort®	IAC Gold	IAC Gold	-
French VOC	A+	A+	A
Finnish M1	•		•

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

kg CO ₂ equiv/m ²	25 mm	35 mm	50 mm
Saga A2	7,55	10,57	15,10
Saga A2 + Saga Acoustic	11,19	14,21	18,74

Circularity: Products are made with FSC certified wood.

Fire safety: A2-s1,d0 Europe: EN 13501-1, A2-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.

Visual appearance: The visible surface with shredded wood gives a natural aesthetic available in three different textures. Light reflectance and nearest NCS colour sample for all the different colours can be found at Ecophon Colours and surfaces. Choosing the perfect colour for your wood wool panels is an important step. Our unpainted Ecophon Saga™ panels feature the natural variations found in real wood, which are part of its character and make it distinctive. Keep in mind that wood is a living material, so ensure that aesthetic meet your needs. Our Saga range also offers a wide selection of painted colours in any custom NCS or RAL colour code as well as a wide range of standard colours.

Cleanability: Weekly dusting and vacuum cleaning.

Mould and Bacterial Resistance: ISO 846 A: 0, ISO 846 C: 0,

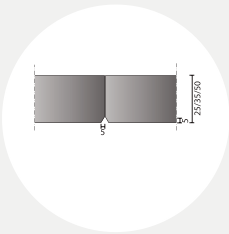
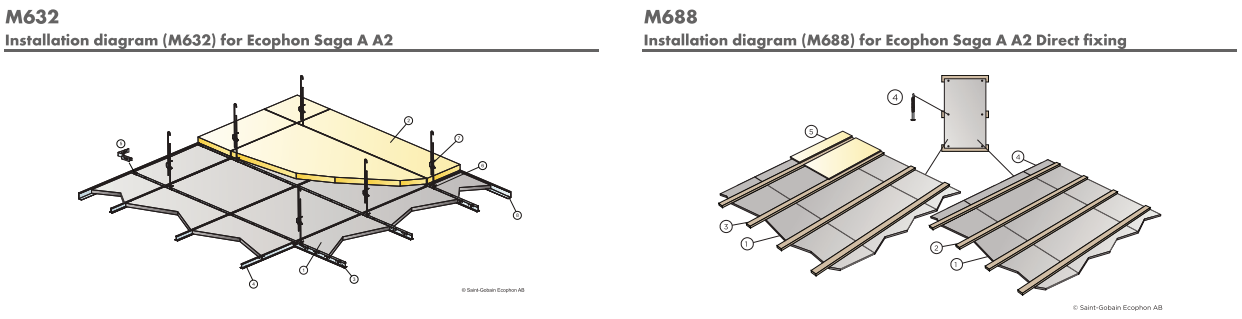
Accessibility: The tiles are demountable.

System weight: Weight information for panels only, per fiber size and panel thickness. Data is indicative and subject to variation. Elegant: 16.0, 18.0, -, Discreet: 15.5, 17.5, -, Normal: 15.0, 17.0, 20.0,

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.

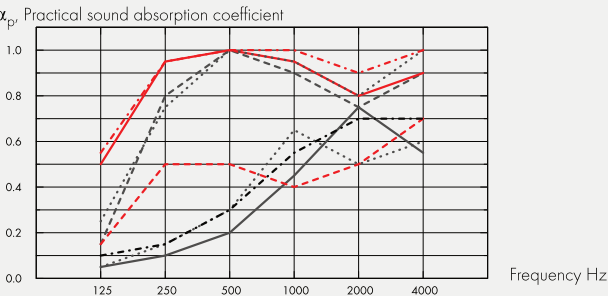
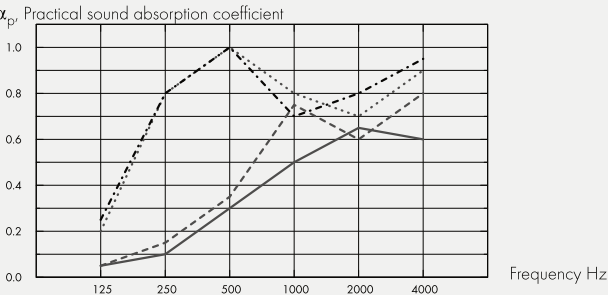
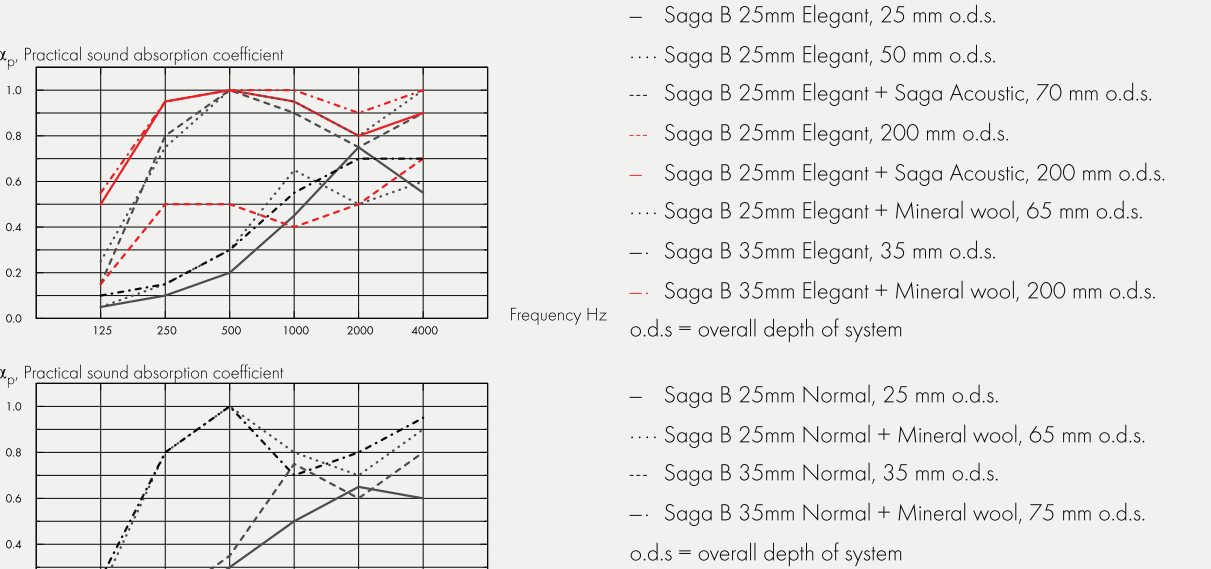
Installation diagram in detail www.ecophon.com



Ecophon Saga™ B

Acoustics:

Sound Absorption:
Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.



	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		
Elegant 25mm	25	25	0.05	0.10	0.20	0.45	0.75	0.55	0.30	D
Elegant 25mm	25	50	0.05	0.15	0.30	0.65	0.50	0.60	0.35	D
Elegant 25mm + Saga Acoustic	65	70	0.15	0.80	1.00	0.90	0.75	0.90	0.85	B
Elegant 25mm	25	200	0.15	0.50	0.50	0.40	0.50	0.70	0.50	D
Elegant 25mm + Saga Acoustic	65	200	0.50	0.95	1.00	0.95	0.80	0.90	0.90	A
Elegant 25mm + Mineral wool	65	200	0.50	0.90	1.00	1.00	0.80	0.95	0.90	A
Elegant 25mm + Mineral wool	65	65	0.25	0.75	1.00	0.95	0.80	1.00	0.90	A
Discreet 25mm	25	200	0.15	0.45	0.45	0.35	0.45	0.70	0.45	D
Discreet 25mm	25	25	0.05	0.10	0.20	0.50	0.70	0.60	0.30	D
Discreet 25mm + Mineral wool	65	200	0.40	0.95	0.95	0.80	0.65	0.85	0.75	C
Discreet 25mm + Mineral wool	65	65	0.25	0.75	1.00	0.80	0.65	0.85	0.80	B
Discreet 25mm + Saga Acoustic	65	200	0.45	0.95	0.95	0.85	0.65	0.85	0.75	C
Discreet 25mm + Saga Acoustic	65	70	0.20	0.85	1.00	0.80	0.70	0.85	0.80	B
Normal 25mm	25	200	0.20	0.50	0.50	0.35	0.45	0.70	0.45	D
Normal 25mm	25	25	0.05	0.10	0.30	0.50	0.65	0.60	0.35	D
Normal 25mm + Mineral wool	65	200	0.40	0.95	0.95	0.80	0.70	0.90	0.80	B
Normal 25mm + Mineral wool	65	65	0.20	0.80	1.00	0.80	0.70	0.90	0.80	B
Normal 25mm + Saga Acoustic	65	200	0.35	0.95	0.95	0.80	0.70	0.90	0.80	B
Normal 25mm + Saga Acoustic	65	70	0.20	0.80	1.00	0.80	0.65	0.90	0.75	C

	THK mm	o.d.s. mm	NRC	SAA
Elegant 25mm	25	25	0.40	0.37
Elegant 25mm	25	50	0.40	0.41
Elegant 25mm + Saga Acoustic	65	70	0.85	0.89
Elegant 25mm	25	200	0.50	0.48
Elegant 25mm + Saga Acoustic	65	200	0.95	0.92

Indoor Air Quality:

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

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

kg CO ₂ equiv/m ²	25 mm	35 mm	50 mm
Saga (white cement)	6,41	8,97	12,81
Saga (grey cement)	4,80	6,72	9,60
Saga (white cement) + Saga Acoustic	10,05	12,61	16,45
Saga (grey cement) + Saga Acoustic	8,44	10,36	13,24

Circularity: Products are made with FSC certified wood.

Fire safety: Europe: EN 13501-1, B-s1,d0,

Thermal Properties: Thermal conductivity λ = 0,1 W/m·K according to EN 12664.

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

Visual appearance: The visible surface with shredded wood gives a natural aesthetic available in three different textures. Light reflectance and nearest NCS colour sample for all the different colours can be found at Ecophon Colours and surfaces. Choosing the perfect colour for your wood wool panels is an important step. Our unpainted Ecophon Saga™ panels feature the natural variations found in real wood, which are part of its character and make it distinctive. Keep in mind that wood is a living material, so ensure that aesthetic meet your needs. Our Saga range also offers a wide selection of painted colours in any custom NCS or RAL colour code as well as a wide range of standard colours.

Cleanability: Weekly dusting and vacuum cleaning.

Mould and Bacterial Resistance: ISO 846 A: 0, ISO 846 C: 0,

Accessibility: The tiles are not demountable.

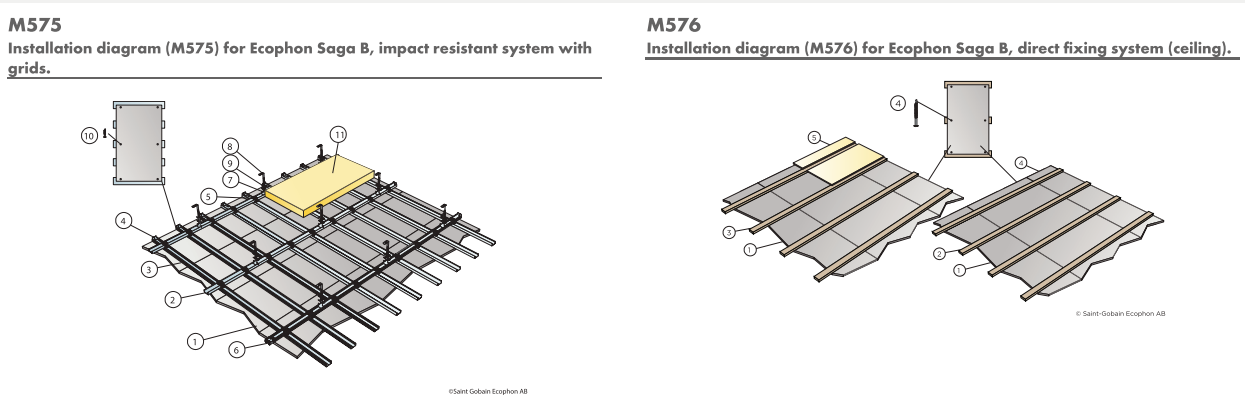
System weight: Weight information for panels only, per fiber size and panel thickness. Data is indicative and subject to variation. Elegant: 14.5, 16.5, -, Discreet: 14.0, 16.0, -, Normal: 13.5, 15.5, 19.0,

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.

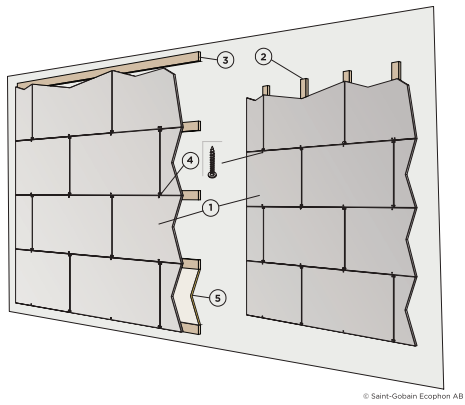
Impact Resistance: Tested and classified according to EN 13964 annex D. 25: M575, 1A,

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 in detail www.ecophon.com



M578
Installation diagram (M578) for Ecophon Saga B, lathing wall system.

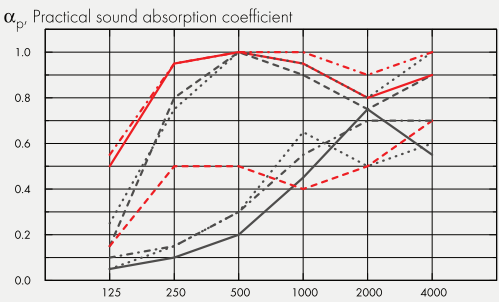


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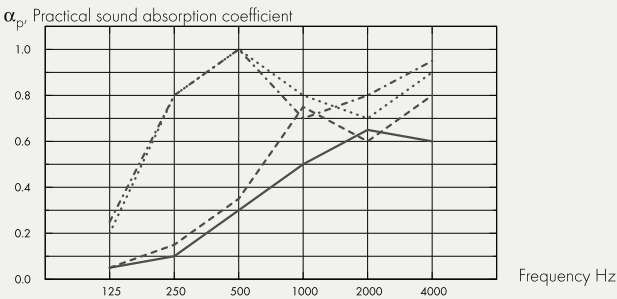
Ecophon Saga™ B A2

Acoustics:

Sound Absorption:
Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.



- Saga B 25mm Elegant, 25 mm o.d.s.
 - Saga B 25mm Elegant, 50 mm o.d.s.
 - Saga B 25mm Elegant + Saga Acoustic, 70 mm o.d.s.
 - Saga B 25mm Elegant, 200 mm o.d.s.
 - Saga B 25mm Elegant + Saga Acoustic, 200 mm o.d.s.
 - Saga B 25mm Elegant + TECH Slab, 65 mm o.d.s.
 - Saga B 35mm Elegant, 35 mm o.d.s.
 - Saga B 35mm Elegant + TECH Slab, 200 mm o.d.s.
- o.d.s = overall depth of system



- Saga B 25mm Normal, 25 mm o.d.s.
 - Saga B 25mm Normal + TECH Slab, 65 mm o.d.s.
 - Saga B 35mm Normal, 35 mm o.d.s.
 - Saga B 35mm Normal + TECH Slab, 75 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		
Elegant 25mm	25	25	0.05	0.10	0.20	0.45	0.75	0.55	0.30	D
Elegant 25mm	25	50	0.05	0.15	0.30	0.65	0.50	0.60	0.35	D
Elegant 25mm + Saga Acoustic	65	70	0.15	0.80	1.00	0.90	0.75	0.90	0.85	B
Elegant 25mm	25	200	0.15	0.50	0.50	0.40	0.50	0.70	0.50	D
Elegant 25mm + Saga Acoustic	65	200	0.50	0.95	1.00	0.95	0.80	0.90	0.90	A
Elegant 25mm + TECH Slab	65	200	0.50	0.90	1.00	1.00	0.80	0.95	0.90	A
Elegant 25mm + TECH Slab	65	65	0.25	0.75	1.00	0.95	0.80	1.00	0.90	A
Elegant 35mm	35	200	0.20	0.40	0.55	0.40	0.60	0.75	0.50	D
Elegant 35mm	35	35	0.10	0.15	0.30	0.55	0.70	0.70	0.35	D
Elegant 35mm + TECH Slab	75	200	0.55	0.95	1.00	1.00	0.90	1.00	1.00	A
Elegant 35mm + TECH Slab	75	75	0.25	0.70	1.00	1.00	0.90	1.00	0.95	A
Discreet 25mm	25	200	0.15	0.45	0.45	0.35	0.45	0.70	0.45	D
Discreet 25mm	25	25	0.05	0.10	0.20	0.50	0.70	0.60	0.30	D
Discreet 25mm + TECH Slab	65	200	0.40	0.95	0.95	0.80	0.65	0.85	0.75	C
Discreet 25mm + TECH Slab	65	65	0.25	0.75	1.00	0.80	0.65	0.85	0.80	B
Discreet 25mm + Saga Acoustic	65	200	0.45	0.95	0.95	0.85	0.65	0.85	0.75	C
Discreet 25mm + Saga Acoustic	65	70	0.20	0.85	1.00	0.80	0.70	0.85	0.80	B
Discreet 35mm	35	200	0.25	0.50	0.55	0.40	0.60	0.80	0.50	D
Discreet 35mm	35	35	0.10	0.15	0.35	0.75	0.65	0.75	0.40	D
Discreet 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B
Discreet 35mm + TECH Slab	75	75	0.25	0.80	1.00	0.85	0.85	1.00	0.90	A
Normal 25mm	25	200	0.20	0.50	0.50	0.35	0.45	0.70	0.45	D
Normal 25mm	25	25	0.05	0.10	0.30	0.50	0.65	0.60	0.35	D
Normal 25mm + TECH Slab	65	200	0.40	0.95	0.95	0.80	0.70	0.90	0.80	B
Normal 25mm + TECH Slab	65	65	0.20	0.80	1.00	0.80	0.70	0.90	0.80	B
Normal 25mm + Saga Acoustic	65	200	0.35	0.95	0.95	0.80	0.70	0.90	0.80	B
Normal 25mm + Saga Acoustic	65	70	0.20	0.80	1.00	0.80	0.65	0.90	0.75	C
Normal 35mm	35	200	0.25	0.55	0.50	0.35	0.65	0.75	0.45	D
Normal 35mm	35	35	0.05	0.15	0.35	0.75	0.60	0.80	0.40	D
Normal 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B
Normal 35mm + TECH Slab	75	75	0.25	0.80	1.00	0.70	0.80	0.95	0.80	B
Normal 50mm	50	50	0.15	0.30	0.85	0.80	0.75	0.90	0.60	C

	THK mm	o.d.s. mm	NRC	SAA
Elegant 25mm	25	25	0.40	0.37
Elegant 25mm	25	50	0.40	0.41
Elegant 25mm + Saga Acoustic	65	70	0.85	0.89
Elegant 25mm	25	200	0.50	0.48
Elegant 25mm + Saga Acoustic	65	200	0.95	0.92

Indoor Air Quality:

Certificate / Label	Saga	Saga Acoustic	TECH Slab MT 3.1
Eurofins Indoor Air Comfort®	IAC Gold	IAC Gold	-
French VOC	A+	A+	A
Finnish M1	•		•

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

kg CO ₂ equiv/m ²	25 mm	35 mm	50 mm
Saga A2	7,55	10,57	15,10
Saga A2 + Saga Acoustic	11,19	14,21	18,74

Circularity: Products are made with FSC certified wood.

Fire safety: A2-s1,d0 Europe: EN 13501-1, A2-s1,d0,

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

Thermal Properties: Thermal conductivity λ = 0,1 W/m·K according to EN 12664.

Visual appearance: The visible surface with shredded wood gives a natural aesthetic available in three different textures. Light reflectance and nearest NCS colour sample for all the different colours can be found at Ecophon Colours and surfaces. Choosing the perfect colour for your wood wool panels is an important step. Our unpainted Ecophon Saga™ panels feature the natural variations found in real wood, which are part of its character and make it distinctive. Keep in mind that wood is a living material, so ensure that aesthetic meet your needs. Our Saga range also offers a wide selection of painted colours in any custom NCS or RAL colour code as well as a wide range of standard colours.

Cleanability: Weekly dusting and vacuum cleaning.

Mould and Bacterial Resistance: ISO 846 A: 0, ISO 846 C: 0,

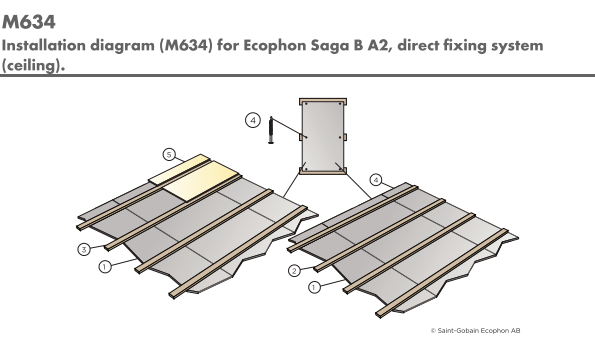
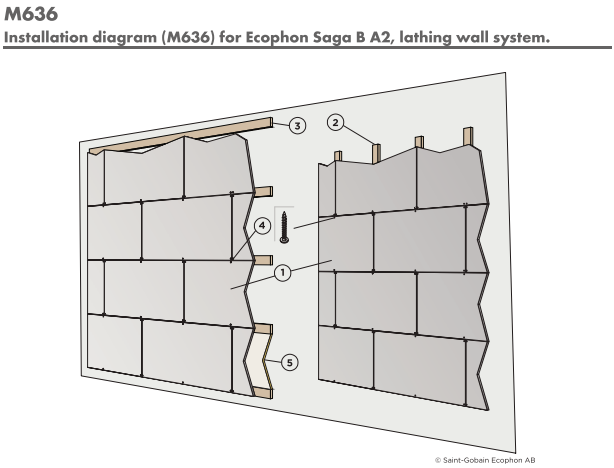
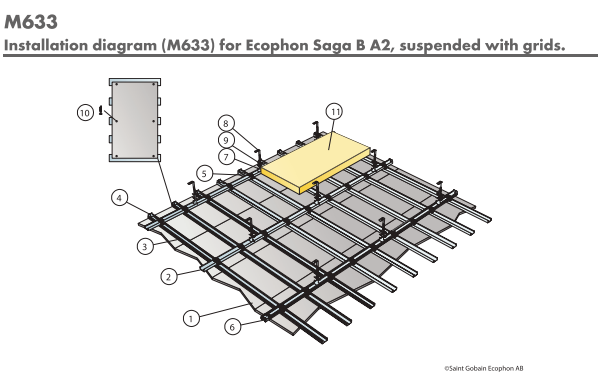
Accessibility: The tiles are not demountable.

System weight: Weight information for panels only, per fiber size and panel thickness. Data is indicative and subject to variation. Elegant: 16.0, 18.0, -, Discreet: 15.5, 17.5, -, Normal: 15.0, 17.0, 20.0,

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.

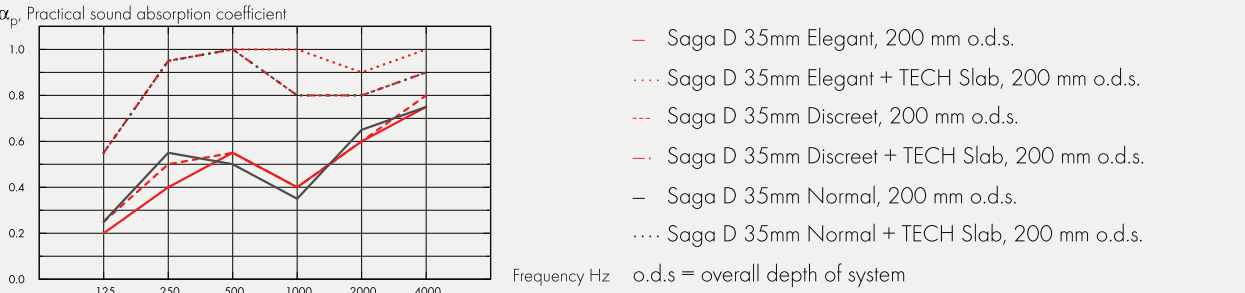
Installation diagram in detail www.ecophon.com



Ecophon Saga™ D

Acoustics:

Sound Absorption:
Test results according to EN ISO 354. Classification according to EN ISO 11654.



	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		
Elegant 35mm	35	200	0.20	0.40	0.55	0.40	0.60	0.75	0.50	D
Elegant 35mm + TECH Slab	75	200	0.55	0.95	1.00	1.00	0.90	1.00	1.00	A
Discreet 35mm	35	200	0.25	0.50	0.55	0.40	0.60	0.80	0.50	D
Discreet 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B
Normal 35mm	35	200	0.25	0.55	0.50	0.35	0.65	0.75	0.45	D
Normal 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B

Indoor Air Quality:

Certificate / Label	Saga	Saga Acoustic	TECH Slab MT 3.1
Eurofins Indoor Air Comfort®	IAC Gold	IAC Gold	-
French VOC	A+	A+	A
Finnish M1	•		•

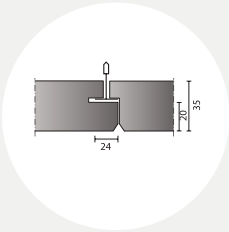
Carbon footprint: Life-cycle stages A1 to C4 from EPD, in conformity with ISO 14025 / EN 15804

	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

Circularity: Products are made with FSC certified wood.

Fire safety: 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 $\lambda = 0,1 \text{ W/m}\cdot\text{K}$ according to EN 12664.

Visual appearance: The visible surface with shredded wood gives a natural aesthetic available in three different textures. Light reflectance and nearest NCS colour sample for all the different colours can be found at Ecophon Colours and surfaces. Choosing the perfect colour for your wood wool panels is an important step. Our unpainted Ecophon Saga™ panels feature the natural variations found in real wood, which are part of its character and make it distinctive. Keep in mind that wood is a living material, so ensure that aesthetic meet your needs. Our Saga range also offers a wide selection of painted colours in any custom NCS or RAL colour code as well as a wide range of standard colours.

Cleanability: Weekly dusting and vacuum cleaning.

Mould and Bacterial Resistance: ISO 846 A: 0, ISO 846 C: 0,

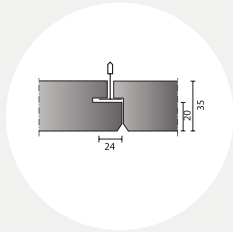
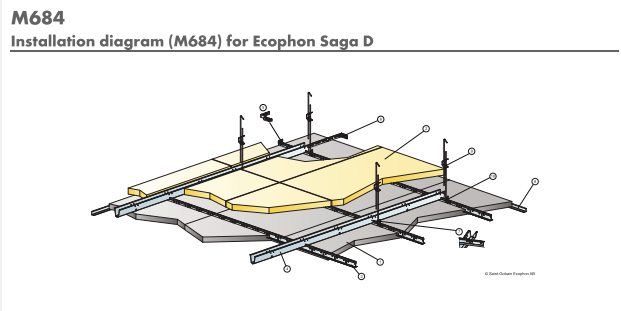
Accessibility: The tiles are demountable.

System weight: Weight information for panels only, per fiber size. Data is indicative subject to variation. Elegant: 16.5, Discreet: 16.0, Normal: 15.5,

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.

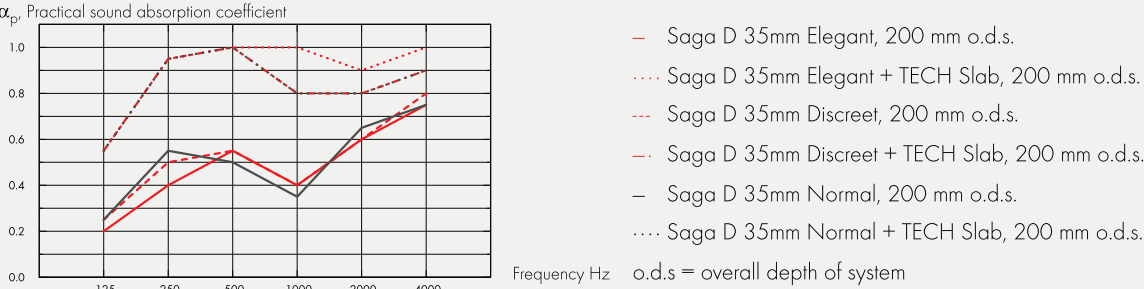
Installation diagram in detail www.ecophon.com



Ecophon Saga™ D A2

Acoustics:

Sound Absorption:
Test results according to EN ISO 354. Classification according to EN ISO 11654.



	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		
Elegant 35mm	35	200	0.20	0.40	0.55	0.40	0.60	0.75	0.50	D
Elegant 35mm + TECH Slab	75	200	0.55	0.95	1.00	1.00	0.90	1.00	1.00	A
Discreet 35mm	35	200	0.25	0.50	0.55	0.40	0.60	0.80	0.50	D
Discreet 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B
Normal 35mm	35	200	0.25	0.55	0.50	0.35	0.65	0.75	0.45	D
Normal 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B

Indoor Air Quality:

Certificate / Label	Saga	Saga Acoustic	TECH Slab MT 3.1
Eurofins Indoor Air Comfort®	IAC Gold	IAC Gold	-
French VOC	A+	A+	A
Finnish M1	•		•

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

	kg CO ₂ equiv/m ²
Saga A2	10,57
Saga A2 + Saga Acoustic	14,21

Circularity: Products are made with FSC certified wood.

Fire safety: A2-s1,d0 Europe: EN 13501-1, A2-s1,d0,

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

Thermal Properties: Thermal conductivity $\lambda = 0,1 \text{ W/m}\cdot\text{K}$ according to EN 12664.

Visual appearance: The visible surface with shredded wood gives a natural aesthetic available in three different textures. Light reflectance and nearest NCS colour sample for all the different colours can be found at Ecophon Colours and surfaces. Choosing the perfect colour for your wood wool panels is an important step. Our unpainted Ecophon Saga™ panels feature the natural variations found in real wood, which are part of its character and make it distinctive. Keep in mind that wood is a living material, so ensure that aesthetic meet your needs. Our Saga range also offers a wide selection of painted colours in any custom NCS or RAL colour code as well as a wide range of standard colours.

Cleanability: Weekly dusting and vacuum cleaning.

Mould and Bacterial Resistance: ISO 846 A: 0, ISO 846 C: 0,

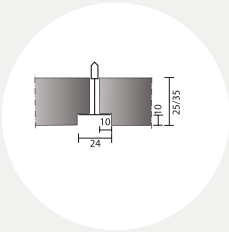
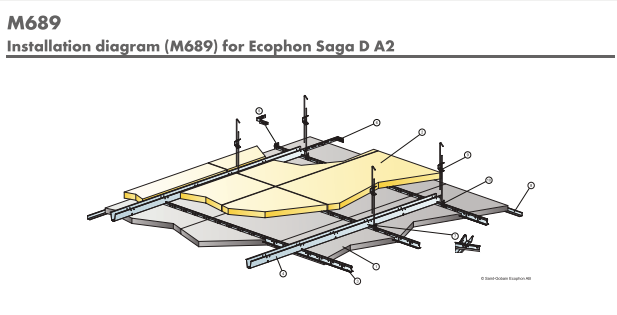
Accessibility: The tiles are demountable.

System weight: Weight information for panels only, per fiber size. Data is indicative subject to variation. Elegant: 18.0, Discreet: 17.5, Normal: 17.0,

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.

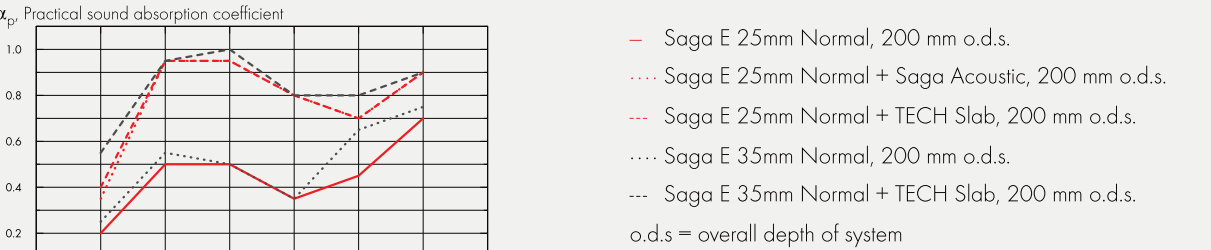
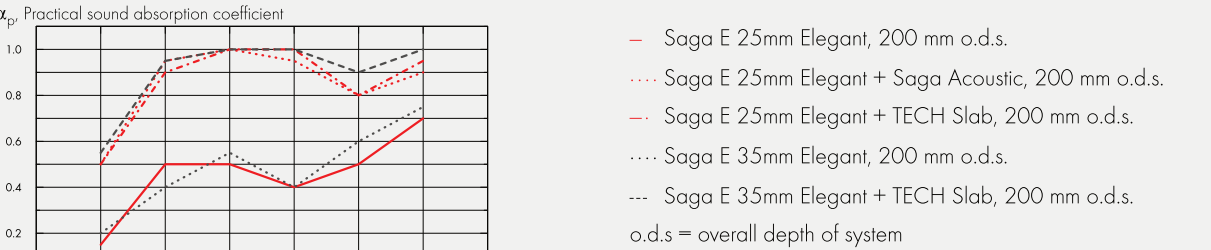
Installation diagram in detail www.ecophon.com



Ecophon Saga™ E

Acoustics:

Sound Absorption:
Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.



	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		
Elegant 25mm	25	200	0.15	0.50	0.50	0.40	0.50	0.70	0.50	D
Elegant 25mm + Saga Acoustic	65	200	0.50	0.95	1.00	0.95	0.80	0.90	0.90	A
Elegant 25mm + TECH Slab	65	200	0.50	0.90	1.00	1.00	0.80	0.95	0.90	A
Elegant 35mm	35	200	0.20	0.40	0.55	0.40	0.60	0.75	0.50	D
Elegant 35mm + TECH Slab	75	200	0.55	0.95	1.00	1.00	0.90	1.00	1.00	A
Discreet 25mm	25	200	0.15	0.45	0.45	0.35	0.45	0.70	0.45	D
Discreet 25mm + Saga Acoustic	65	200	0.45	0.95	0.95	0.85	0.65	0.85	0.75	C
Discreet 25mm + TECH Slab	65	200	0.40	0.95	0.95	0.80	0.65	0.85	0.75	C
Discreet 35mm	35	200	0.25	0.50	0.55	0.40	0.60	0.80	0.50	D
Discreet 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B
Normal 25mm	25	200	0.20	0.50	0.50	0.35	0.45	0.70	0.45	D
Normal 25mm + Saga Acoustic	65	200	0.35	0.95	0.95	0.80	0.70	0.90	0.80	B
Normal 25mm + TECH Slab	65	200	0.40	0.95	0.95	0.80	0.70	0.90	0.80	B
Normal 35mm	35	200	0.25	0.55	0.50	0.35	0.65	0.75	0.45	D
Normal 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B

	THK mm	o.d.s. mm	NRC	SAA
Elegant 25mm	25	200	0.50	0.48
Elegant 25mm + Saga Acoustic	65	200	0.95	0.92

Indoor Air Quality:

Certificate / Label	Saga	Saga Acoustic	TECH Slab MT 3.1
Eurofins Indoor Air Comfort®	IAC Gold	IAC Gold	-
French VOC	A+	A+	A
Finnish M1	•		•

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

kg CO ₂ equiv/m ²	25 mm	35 mm
Saga (white cement)	6,41	8,97
Saga (grey cement)	4,80	6,72
Saga (white cement) + Saga Acoustic	10,05	12,61
Saga (grey cement) + Saga Acoustic	8,44	10,36

Circularity: Products are made with FSC certified wood.

Fire safety: 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 λ = 0,1 W/m·K according to EN 12664.

Visual appearance: The visible surface with shredded wood gives a natural aesthetic available in three different textures. Light reflectance and nearest NCS colour sample for all the different colours can be found at Ecophon Colours and surfaces. Choosing the perfect colour for your wood wool panels is an important step. Our unpainted Ecophon Saga™ panels feature the natural variations found in real wood, which are part of its character and make it distinctive. Keep in mind that wood is a living material, so ensure that aesthetic meet your needs. Our Saga range also offers a wide selection of painted colours in any custom NCS or RAL colour code as well as a wide range of standard colours.

Cleanability: Weekly dusting and vacuum cleaning.

Mould and Bacterial Resistance: ISO 846 A: 0, ISO 846 C: 0,

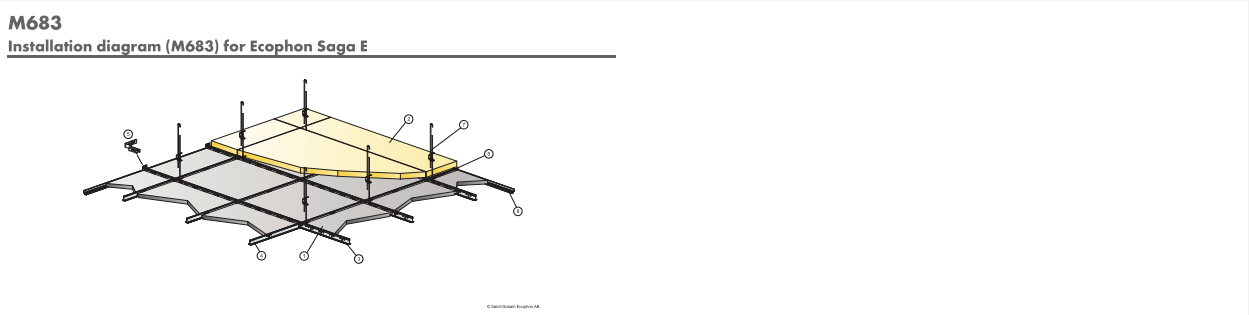
Accessibility: The tiles are demountable.

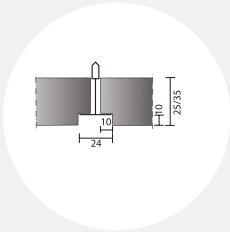
System weight: Weight information for panels only, per fiber size and panel thickness. Data is indicative and subject to variation. Elegant: 14.5, 16.5, Discreet: 14.0, 16.0, Normal: 13.5, 15.5,

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 in detail www.ecophon.com





Ecophon Saga™ E A2

Acoustics:

Sound Absorption:

Test results according to EN ISO 354. Classification according to EN ISO 11654, and the single value ratings for Noise Reduction Coefficient, NRC and Sound Absorption Average, SAA according to ASTM C 423.



	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		
Elegant 25mm	25	200	0.15	0.50	0.50	0.40	0.50	0.70	0.50	D
Elegant 25mm + Saga Acoustic	65	200	0.50	0.95	1.00	0.95	0.80	0.90	0.90	A
Elegant 25mm + TECH Slab	65	200	0.50	0.90	1.00	1.00	0.80	0.95	0.90	A
Elegant 35mm	35	200	0.20	0.40	0.55	0.40	0.60	0.75	0.50	D
Elegant 35mm + TECH Slab	75	200	0.55	0.95	1.00	1.00	0.90	1.00	1.00	A
Discreet 25mm	25	200	0.15	0.45	0.45	0.35	0.45	0.70	0.45	D
Discreet 25mm + Saga Acoustic	65	200	0.45	0.95	0.95	0.85	0.65	0.85	0.75	C
Discreet 25mm + TECH Slab	65	200	0.40	0.95	0.95	0.80	0.65	0.85	0.75	C
Discreet 35mm	35	200	0.25	0.50	0.55	0.40	0.60	0.80	0.50	D
Discreet 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B
Normal 25mm	25	200	0.20	0.50	0.50	0.35	0.45	0.70	0.45	D
Normal 25mm + Saga Acoustic	65	200	0.35	0.95	0.95	0.80	0.70	0.90	0.80	B
Normal 25mm + TECH Slab	65	200	0.40	0.95	0.95	0.80	0.70	0.90	0.80	B
Normal 35mm	35	200	0.25	0.55	0.50	0.35	0.65	0.75	0.45	D
Normal 35mm + TECH Slab	75	200	0.55	0.95	1.00	0.80	0.80	0.90	0.85	B

	THK mm	o.d.s. mm	NRC	SAA
Elegant 25mm	25	200	0.50	0.48
Elegant 25mm + Saga Acoustic	65	200	0.95	0.92

Indoor Air Quality:

Certificate / Label	Saga	Saga Acoustic	TECH Slab MT 3.1
Eurofins Indoor Air Comfort®	IAC Gold	IAC Gold	-
French VOC	A+	A+	A
Finnish M1	•		•

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

kg CO ₂ equiv/m ²	25 mm	35 mm
Saga A2	7,55	10,57
Saga A2 + Saga Acoustic	11,19	14,21

Circularity: Products are made with FSC certified wood.

Fire safety: A2-s1,d0 Europe: EN 13501-1, A2-s1,d0,

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

Thermal Properties: Thermal conductivity λ = 0,1 W/m·K according to EN 12664.

Visual appearance: The visible surface with shredded wood gives a natural aesthetic available in three different textures. Light reflectance and nearest NCS colour sample for all the different colours can be found at Ecophon Colours and surfaces. Choosing the perfect colour for your wood wool panels is an important step. Our unpainted Ecophon Saga™ panels feature the natural variations found in real wood, which are part of its character and make it distinctive. Keep in mind that wood is a living material, so ensure that aesthetic meet your needs. Our Saga range also offers a wide selection of painted colours in any custom NCS or RAL colour code as well as a wide range of standard colours.

Cleanability: Weekly dusting and vacuum cleaning.

Mould and Bacterial Resistance: ISO 846 A: 0, ISO 846 C: 0,

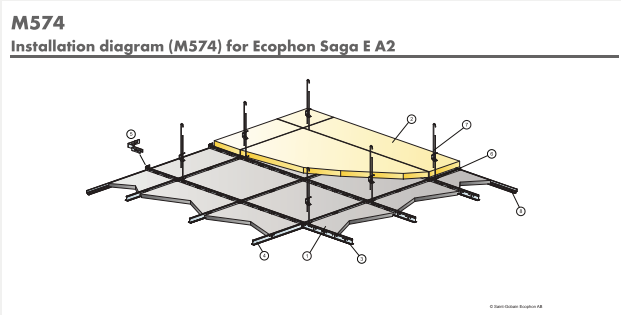
Accessibility: The tiles are demountable.

System weight: Weight information for panels only, per fiber size and panel thickness. Data is indicative and subject to variation. Elegant: 16.0, 18.0, Discreet: 15.5, 17.5, Normal: 15.0, 17.0,

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 in detail www.ecophon.com



Ecophon Saga™ E A2





Ecophon yra pirmaujanti patalpų akustinių produktų, gerinančių darbo našumą ir gyvenimo kokybę, tiekėja. Tikime, kad garsas gali pakeisti mūsų kasdienį gyvenimą, ir neabejojame, jog akustika daro didžiulį poveikį žmonių savijautai bet kokioje vietoje, užsiimant bet kokia veikla ir tenkinant bet kokius poreikius.

Užtikrinti palankų poveikį žmonėms - tai principas, kuriuo vadovaujamės. Didžiuojamės švedišku paveldu ir žmogišku požiūriu, kuriuo grindžiamas šis pažadas. Be to, mes, kaip Saint-Gobain grupės nariai, prisidedame prie to, kad pasaulis taptų geresniais namais.

Saint-Gobain Ecophon AB

Box 500, SE-265 03 Hyllinge, Sweden

Phone: +46 (0)42 17 99 00

Fax: +46 (0)42 22 55 55

www.ecophon.com

SE556142516501 • Based in Åstorp