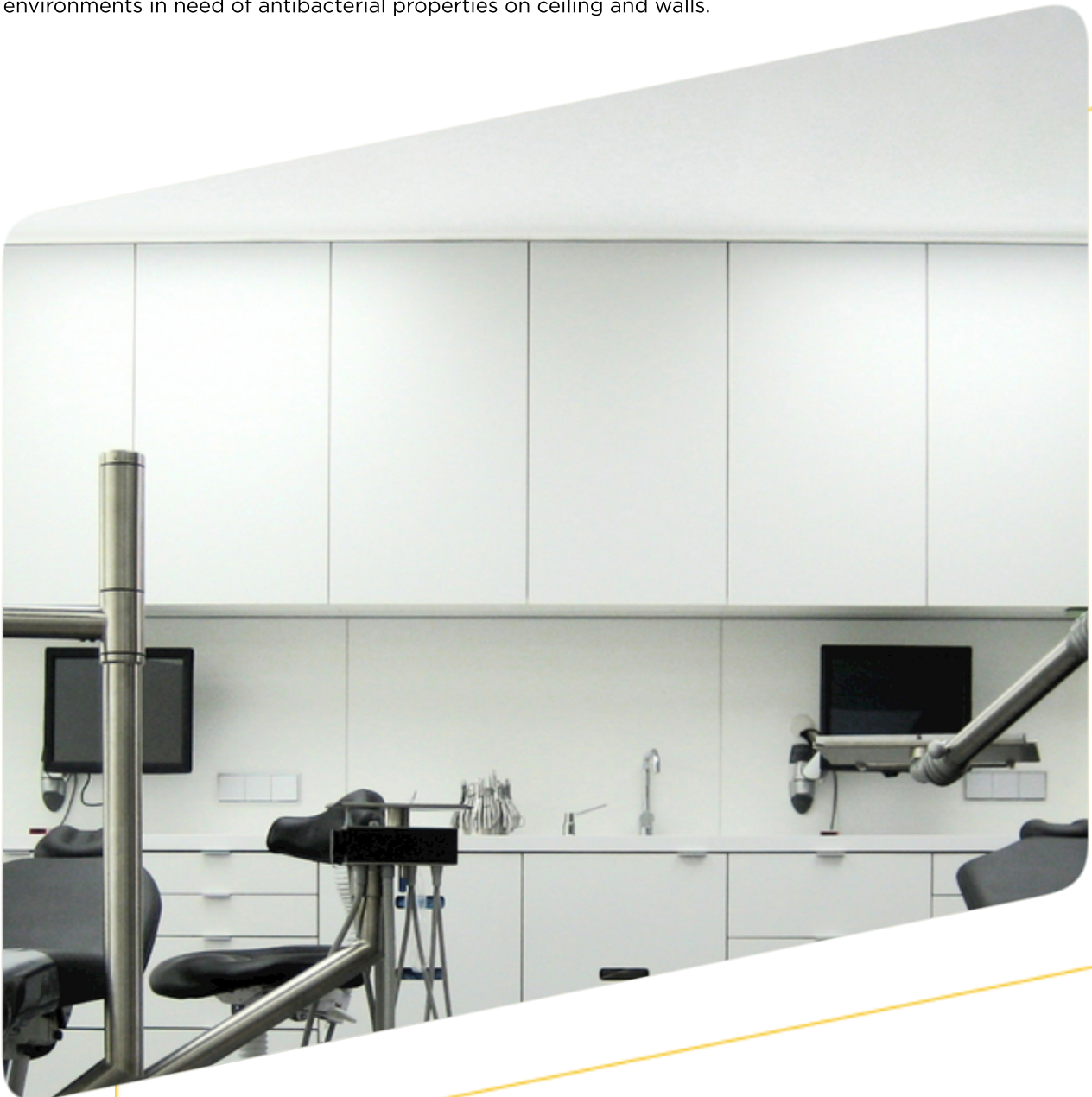
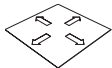


# ECOPHON CLIPSO™ SO ACOUSTIC ANTIBACTERIAL

Ecophon Clipso™ So Acoustic Antibacterial is a micro perforated knit fabric with a uniform coating, that can be combined with an acoustic absorbent to reduce noise levels. With its Sanitized® antimicrobial protection, Clipso So Acoustic Antibacterial is suitable for healthcare premises and other environments in need of antibacterial properties on ceiling and walls.

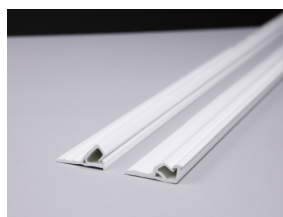


# Ecophon Clipso™ So Acoustic Antibacterial



## SYSTEM RANGE

Size, mm	x2000	x2500	x3350	x4100	x5100
Ceiling	•	•	•	•	•
Wall	•	•	•	•	•
Thickness (THK)	0,4	0,4	0,4	0,4	0,4
Inst. Diagr.	M596 , M597, M598	M596 , M597, M598	M596 , M597, M598	M596 , M597, M598	M596 , M597, M598



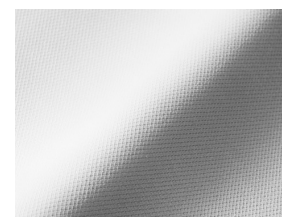
Clipso PCW and PCC profiles.



Clipso ceiling installation with PCW profile.



Clipso wall installation with PCC profile.



Clipso technical fabric.

## TYPE OF APPLICATION

- Healthcare

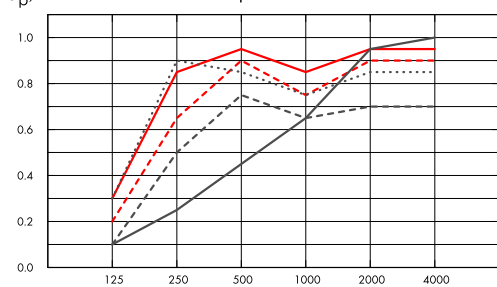


## ACOUSTIC

### Sound Absorption

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

$\alpha_p$ , Practical sound absorption coefficient



- So Acoustic 495D AB GW20, 200 mm o.d.s.
  - So Acoustic 495D AB GW40, 200 mm o.d.s.
  - So Acoustic 495D AB LA10, 10mm o.d.s.
  - .... So Acoustic 495D AB LA50, 200mm o.d.s.
  - So Acoustic 495D AB no absorber, 200mm o.d.s.
- o.d.s = overall depth of system

	THK mm	o.d.s. mm	$\alpha_p$ , Practical sound absorption coefficient						$\alpha_w$	Sound absorption class
			125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
495D AB GW20	20	200	0.20	0.65	0.90	0.75	0.90	0.90	0.85	B
495D AB GW40	40	200	0.30	0.85	0.95	0.85	0.95	0.95	0.95	A
495D AB LA10	10	10	0.10	0.25	0.45	0.65	0.95	1.00	0.50	D
495D AB LA50	50	200	0.30	0.90	0.85	0.75	0.85	0.85	0.85	B
495D AB	0	200	0.10	0.50	0.75	0.65	0.70	0.70	0.70	C

	THK mm	o.d.s. mm	NRC	SAA
495D AB LA10	10	10	0.60	0.57
495D AB LA50	50	200	0.85	0.83
495D AB	0	200	0.65	0.65



## INDOOR AIR QUALITY

Certificate / Label	Clipso Technical Fabric	Clipso LA absorber	Ecophon acoustic board for Clipso
Eurofins Indoor Air Comfort*	IAC Gold	-	IAC Gold
French VOC	A+	A+	A+



## CARBON FOOTPRINT

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

	kg CO <sub>2</sub> equiv/m <sup>2</sup>
495D	2,12
495D + LA10	4,16
495D + LA50	7,98
Clipso board 20 mm	2,32
Clipso board 40 mm	3,75



## FIRE SAFETY

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



## HUMIDITY RESISTANCE



## VISUAL APPEARANCE

Matt, smooth and uniform. Nearest colour sample RAL 9016.



## CLEANABILITY

Use of Clipso Cleaning Kit recommended. Alternatively, other pH-neutral cleaning agents can be used with a soft cloth, provided it has first been tested on a scrap piece or on a non-visible area of the fabric.



## ADVANCED CLEANABILITY

Steam cleaning. Compatible with UV-C disinfection, BIFMA HCF 8.1-2019.



## SURFACE ENDURANCE

Product tested according to ISO 11998, and withstand 200 cycles.



## CHEMICAL RESISTANCE/DISINFECTION

Tested according to ISO 11998 and withstand the following chemicals or disinfectants.

Chemical	Active Substance	Concentration
Ethanol	Ethanol	70%
Virkon S	Dipotassium peroxodisulphate; Sulphamic acid	1%
Isopropanol	Isopropyl Alcohol	70%
Anioxy-Spray	Hydrogen peroxide	5%
Sumabac D10	Quaternary ammonium compound, Sodium carbonate	1%



## MOULD AND BACTERIAL RESISTANCE

Sanitized® Hygiene Function and Material Protection is a treatment that eliminates harmful microorganisms and provides a barrier against contamination, ensuring cleanliness and safety in areas where it matters the most.

Standard/Method	
ISO 846 A	0
ISO 846 C	0
Sanitized®	Compliant



## ACCESSIBILITY

The system supports installation of inspection hatches.



## CLEAN ROOM

	Standard/Method	Class
ISO 14644	Particle cleanliness class	ISO 4
NF S 90-351	Microbiological class	M1/area 4
NF S 90-351	Particle elimination kinetics	CP(0,5) 5



## INSTALLATION

Installed with Clipso profiles according to installation diagrams and drawing aid. Non-magnetic system when specific fixation screws are used.



## SYSTEM WEIGHT

Area weight 245 g/m<sup>2</sup> ± 10% (ISO 2286-2)



## MECHANICAL PROPERTIES

Additional load (lighting, ventilation, etc.) should be hung directly from the soffit.

Property	Standard/Method	Performance
Tensile strength	ISO 1421	30 daN/5 cm (MD), 54 daN/5 cm (CMD) (495D) 29 daN/5 cm (MD), 107 daN/5 cm (CMD) (495AC)
Tear strength	EN 1875-3	8.9 daN (MD), 15.9 daN (CMD) (495D) 10.8 daN (MD), 17.7 daN (CMD) (495AC)

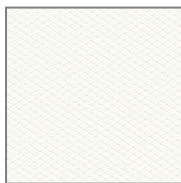


## CE

Clipso technical fabrics are CE-marked according to the European harmonized standard EN14716:2005. 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.

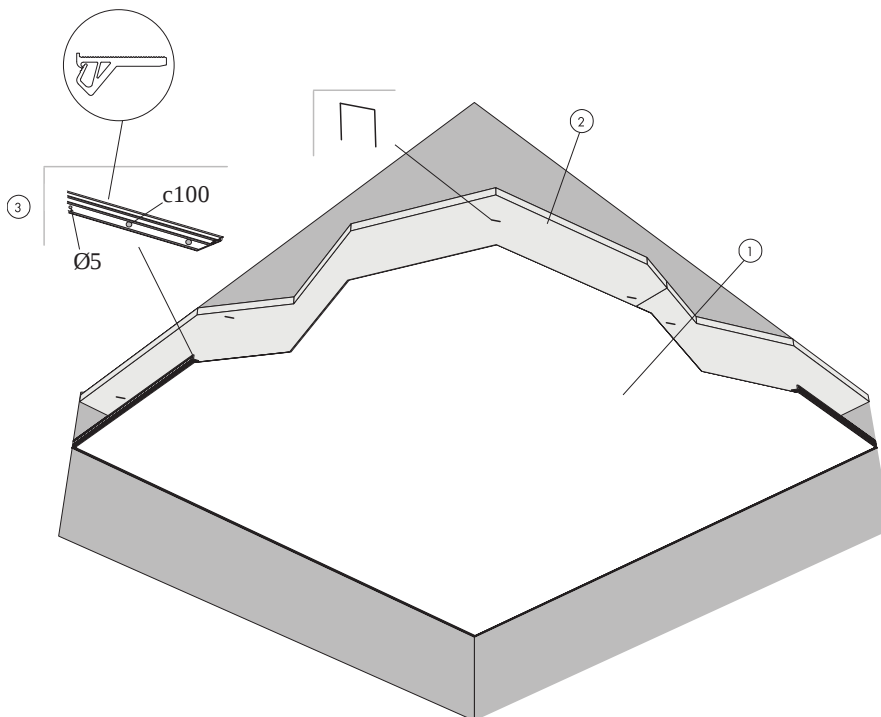
## COLOURS AND DESIGN

### Clipso™ So Acoustic Antibacterial



0003 White

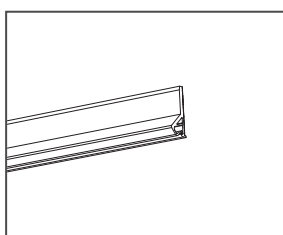
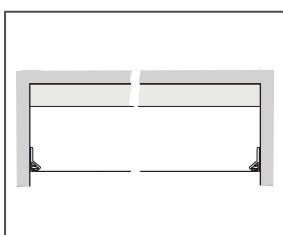
Fabric Ceiling + Wall mounted Profile



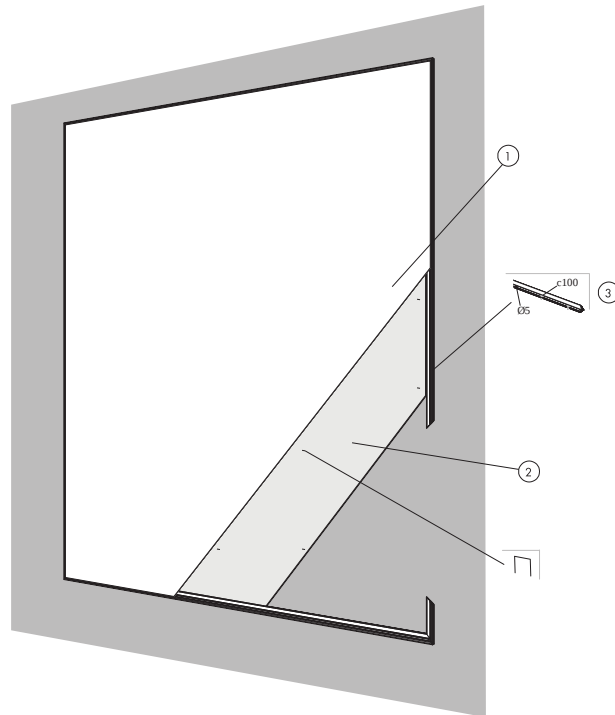
Installation diagram (M596) for Clipso SO Acoustic AB, ceiling application with PCW profiles

Quantity specification (excl. wastage)

	Size, mm				
	x2000	x2500	x3350	x4100	x5100
1 Clipso 495 D AB technical fabric	as required	-	-	-	as required
2 Alt 1 - Acoustic absorbers for Clipso technical fabrics (glass wool)	as required	-	-	-	as required
Alt 2 - Acoustic absorbers for Clipso technical fabrics (polyester fiber)	as required				as required
3 Clipso PCW profiles	as required	as required	-	-	as required
Installation and maintenance accessories for Clipso technical fabrics					



## Fabric Wall + Wall mounted Profile

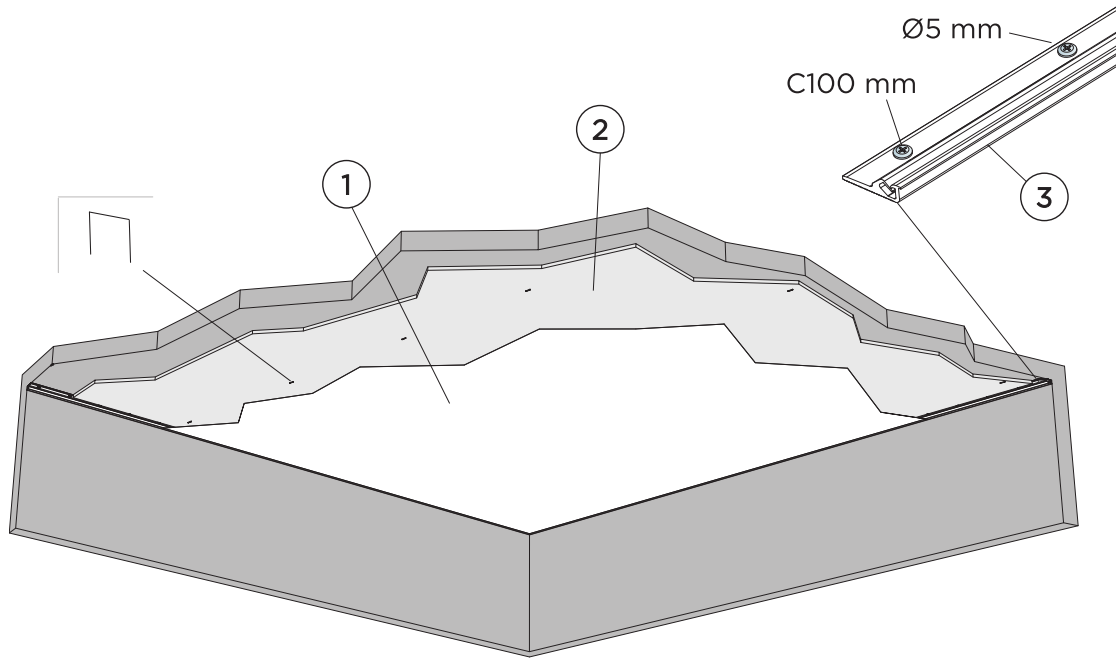


Installation diagram (M597) for Clipso SO Acoustic AB, wall application with PCC profiles.

## Quantity specification (excl. wastage)

	Size, mm				
	x2000	x2500	x3350	x4100	x5100
1 Clipso 495 D AB technical fabric	as required	-	-	-	as required
2 Wall absorbers for Clipso technical fabrics	as required	as required	-	-	as required
3 Clipso PCC profiles	as required	as required	-	-	as required
Installation and maintenance accessories for Clipso technical fabrics					

Fabric Ceiling + Ceiling mounted Profile



© Saint-Gobain Ecophon AB  
 Installation diagram (M571) for Clipso SO Acoustic, ceiling application with PCC profiles

Quantity specification (excl. wastage)

	Size, mm				
	x2000	x2500	x3350	x4100	x5100
1 Clipso 495 D AB technical fabric	as required	-	-	-	as required
2 Clipso PCC profiles	as required	as required	-	-	as required
Installation and maintenance accessories for Clipso technical fabrics					