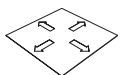


Ecophon Clipso™ So Acoustic

Ecophon Clipso™ So Acoustic 495 D/AC es un tejido microperforado con un recubrimiento uniforme que combina una funda textil con un absorbente acústico para reducir los niveles de ruido. El tejido estirado es ideal para todo tipo de espacios profesionales y privados.



RANGO DEL SISTEMA



Formato, mm	x2000	x3000	x4000	x5100
Ceiling	•	•	•	•
Wall	•	•	•	•
Espesor (Gr)	0,4	0,4	0,4	0,4
Diagrama de instalación.	M565, M566, M571	M565, M566, M571	M565, M566, M571	M565, M566, M571



Clipso SO Acoustic system.



Clipso ceiling installation with PCW profile.



Clipso wall installation with PCC profile.



Clipso PCC and PCW profiles.

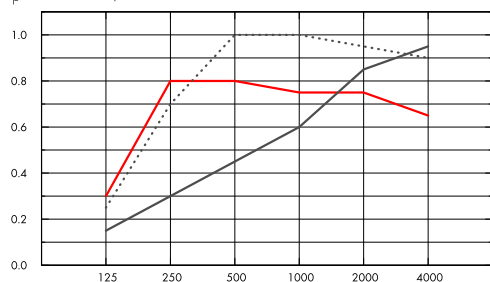
Acústica



Absorción de sonido:

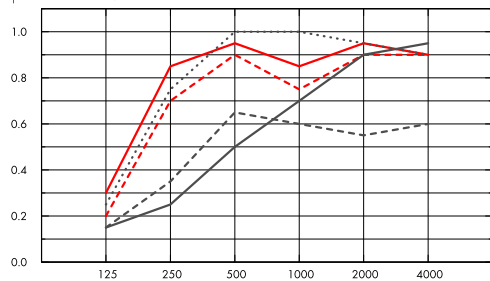
Resultados de ensayo según EN ISO 354. Clasificación según EN ISO 11654.

α_p , Coeficiente práctico de absorción de sonido



- So Acoustic 495AC GW40, 200 mm o.d.s.
 - So Acoustic 495AC LA50, 55mm o.d.s.
 - So Acoustic 495AC LA10, 10mm o.d.s.
- o.d.s = g.t.s = grosor total del sistema

α_p , Coeficiente práctico de absorción de sonido



- So Acoustic 495D GW40, 200 mm o.d.s.
 - So Acoustic 495D GW20, 200 mm o.d.s.
 - So Acoustic 495D no absorber, 155mm o.d.s.
 - So Acoustic 495D LA50, 55mm o.d.s.
 - So Acoustic 495D LA10, 10mm o.d.s.
- o.d.s = g.t.s = grosor total del sistema

	Gr mm	g.t.s. mm	α_p , Coeficiente práctico de absorción de sonido						α_w	Clase de absorción de sonido
			125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz		
495AC GW40	40	200	0.30	0.80	0.80	0.75	0.75	0.65	0.75	C
495AC LA50	50	55	0.25	0.70	1.00	1.00	0.95	0.90	0.95	A
495AC LA10	10	10	0.15	0.30	0.45	0.60	0.85	0.95	0.50	D
495D GW40	40	200	0.30	0.85	0.95	0.85	0.95	0.90	0.95	A
495D GW20	20	200	0.20	0.70	0.90	0.75	0.90	0.90	0.85	B
495D	0	155	0.15	0.35	0.65	0.60	0.55	0.60	0.60	C
495D LA50	50	55	0.25	0.75	1.00	1.00	0.95	0.90	1.00	A
495D LA10	10	10	0.15	0.25	0.50	0.70	0.90	0.95	0.50	D

Calidad del aire interior



Certificado / Sello

Eurofins Indoor Air Comfort®

IAC Gold

French VOC

A+

Greenguard

Gold





Seguridad contra incendios

País	Standard	Clase
Europe	EN 13501-1	B-s1,d0
International Maritime Organisation	Resolutions MSC.307(88) and MSC.61(67)	Modules B and D (495D)



Resistencia a la humedad

Property	Standard	Performance
Dimensional stability under the action of humidity	EN 14716 (appendix C)	0% (MD), 0% (CMD) (495D)
Dimensional stability under the action of heat	EN 12280-1 (30 min, 60°C)	0% (MD), 0% (CMD) (495D, 495AC)
Water vapour transmission rate	ISO 2528 (38°C, 90% RH)	1901 g/m ² (495D) 2104 g/m ² (495AC)



Apariencia Visual

Matt, smooth and uniform. 495D White, nearest colour sample RAL 9016.



Limpieza

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.



Resistencia al moho y a las bacterias

Standard/Method	
ISO 846 A	0
ISO 846 C	0



Accesibilidad

The system supports installation of inspection hatches.



Instalación

Installed with Clipso profiles according to installation diagrams and drawing aid.



Peso del sistema

495D: Area weight 230 g/m² ± 10% (ISO 2286-2). 495AC: Area weight 250 g/m² ± 10% (ISO 2286-2).



Propiedades mecánicas

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)

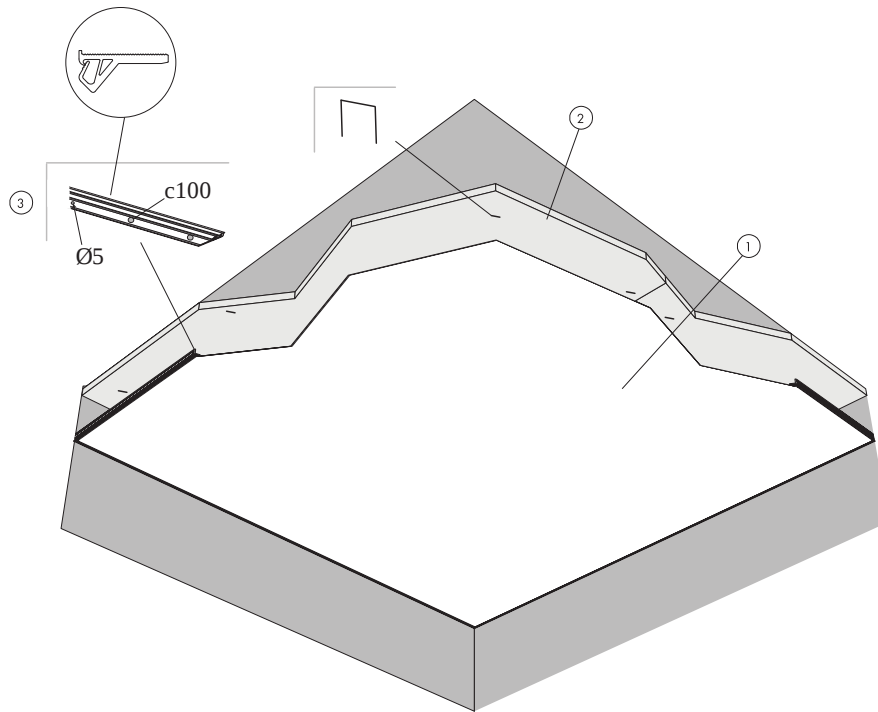
Additional load (lighting, ventilation, etc.) should be hung directly from the soffit.



CE

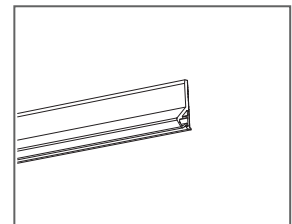
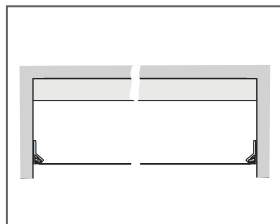
Clipso technical fabrics are CE-marked according to the European harmonized standard EN14716:2005. CE marked construction products are covered by a Declaration of Performance (DOP) which enables customers and users to easily compare performance of products available on the European market.

INSTALLATION DIAGRAM (M571) FOR CLIPSO SO ACOUSTIC WITH ACOUSTIC ABSORBERS, CEILING APPLICATION WITH PCW PROFILES

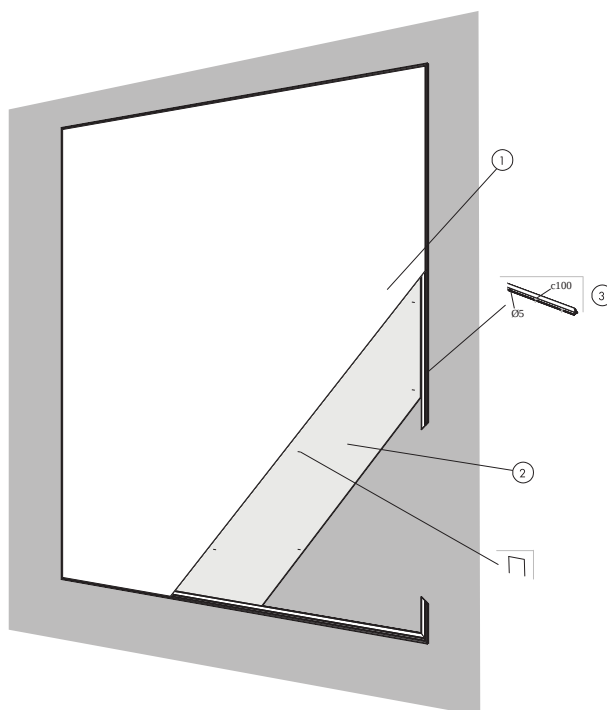


REPERCUSSION M2 (EXCLUYENDO DESPERDICIOS)

	Formato, mm			
	x2000	x3000	x4000	x5100
1 Clipso 495D, 495AC technical fabrics	como se requiera			
2 Alt 1 - Acoustic absorbers for Clipso technical fabrics (glass wool)	como se requiera			
Alt 2 - Acoustic absorbers for Clipso technical fabrics (polyester fiber)	como se requiera			
3 Clipso PCW profiles	como se requiera			
Installation and maintenance accessories for Clipso technical fabrics	-	-	-	-



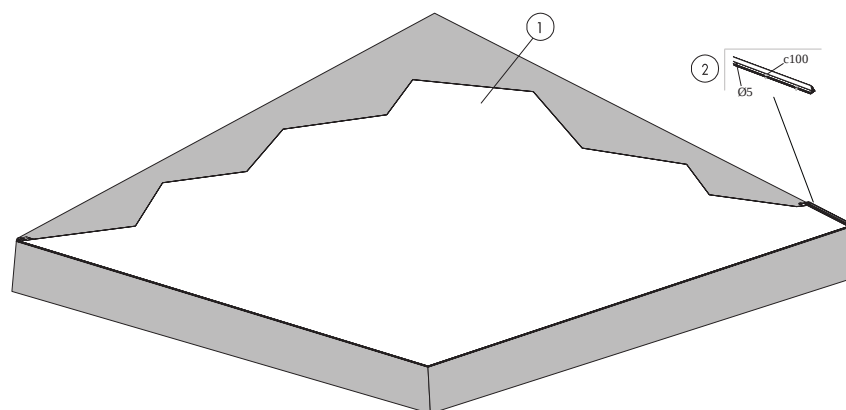
INSTALLATION DIAGRAM (M566) FOR CLIPSO SO ACOUSTIC, WALL APPLICATION WITH PCC PROFILES



REPERCUSSION M2 (EXCLUYENDO DESPERDICIOS)

	Formato, mm			
	x2000	x3000	x4000	x5100
1 Clipso 495D, 495AC technical fabrics	como se requiera			
2 Wall absorbers for Clipso technical fabrics	como se requiera			
3 Clipso PCC profiles	como se requiera			
Installation and maintenance accessories for Clipso technical fabrics	-	-	-	-

INSTALLATION DIAGRAM (M571) FOR CLIPSO SO ACOUSTIC, CEILING APPLICATION WITH PCC PROFILES



REPERCUSSION M2 (EXCLUYENDO DESPERDICIOS)

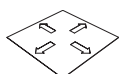
	Formato, mm			
	x2000	x3000	x4000	x5100
1 Clipso 495D, 495AC technical fabrics	como se requiera			
2 Clipso PCC profiles	como se requiera			
Installation and maintenance accessories for Clipso technical fabrics	-	-	-	-

Ecophon Clipso™ So Classic

Ecophon Clipso™ So Classic 705 S es un tejido textil con un revestimiento uniforme y una elegancia atemporal y neutra. Clipso So Classic 705 S tiene una amplia gama de aplicaciones y es adecuado para áreas residenciales así como no residenciales.



RANGO DEL SISTEMA



Formato, mm	x1500	x2000	x2500	x3000	x3500	x4000	x4500	x5100
Ceiling	•	•	•	•	•	•	•	•
Wall	•	•	•	•	•	•	•	•
Espesor (Gr)	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3
Diagrama de instalación.	M569, M570, M572	M569, M570, M572	M569, M570, M572	M569, M570, M572	M569, M570, M572	M569, M570, M572	M569, M570, M572	M569, M570, M572



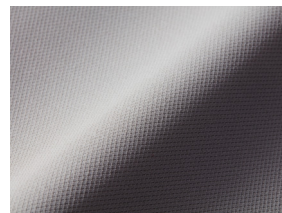
Clipso PCC and PCW profiles.



Clipso ceiling installation with PCW profile.



Clipso wall installation with PCC profile.



Clipso technical fabric.



Calidad del aire interior

Certificado / Sello	
Eurofins Indoor Air Comfort®	IAC Gold
French VOC	A+
Greenguard	Gold



Seguridad contra incendios

País		
Europe	EN 13501-1	B-s1,d0
International Maritime Organisation	Resolutions MSC.307(88) and MSC.61(67)	Modules B and D



Resistencia a la humedad

Property	Standard/Method	Performance
Dimensional stability under the action of humidity	EN 14716 (appendix C)	0% (MD), 0% (CMD)
Dimensional stability under the action of heat	EN 12280-1 (30 min, 60°C)	0% (MD), 0% (CMD)
Water vapour transmission rate	ISO 2528 (38°C, 90% RH)	1184 g/m²



Apariencia Visual

Matt, smooth and uniform. Optical white, nearest colour sample RAL 9016.



Limpieza

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.



Resistencia al moho y a las bacterias

Standard/Method	
ISO 846 A	0
ISO 846 C	0



Accesibilidad

The system supports installation of inspection hatches.



Instalación

Installed with Clipso profiles according to installation diagrams and drawing aid.



Peso del sistema

The weight of the fabric is approximately 245 g/m².



Propiedades mecánicas

Property	Standard/Method	Performance
Tensile strength	ISO 1421	28 daN/5 cm (MD), 62 daN/5 cm (CMD)
Tear strength	EN 1875-3	3.7 daN (MD), 6.0 daN (CMD)

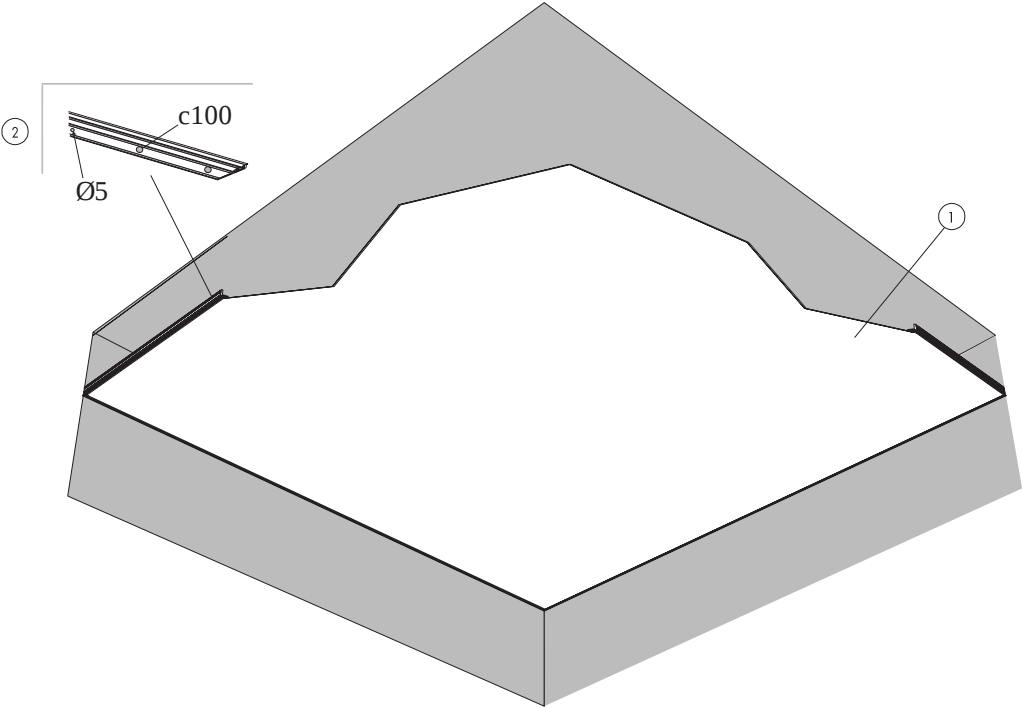
Additional load (lighting, ventilation, etc.) should be hung directly from the soffit.



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.

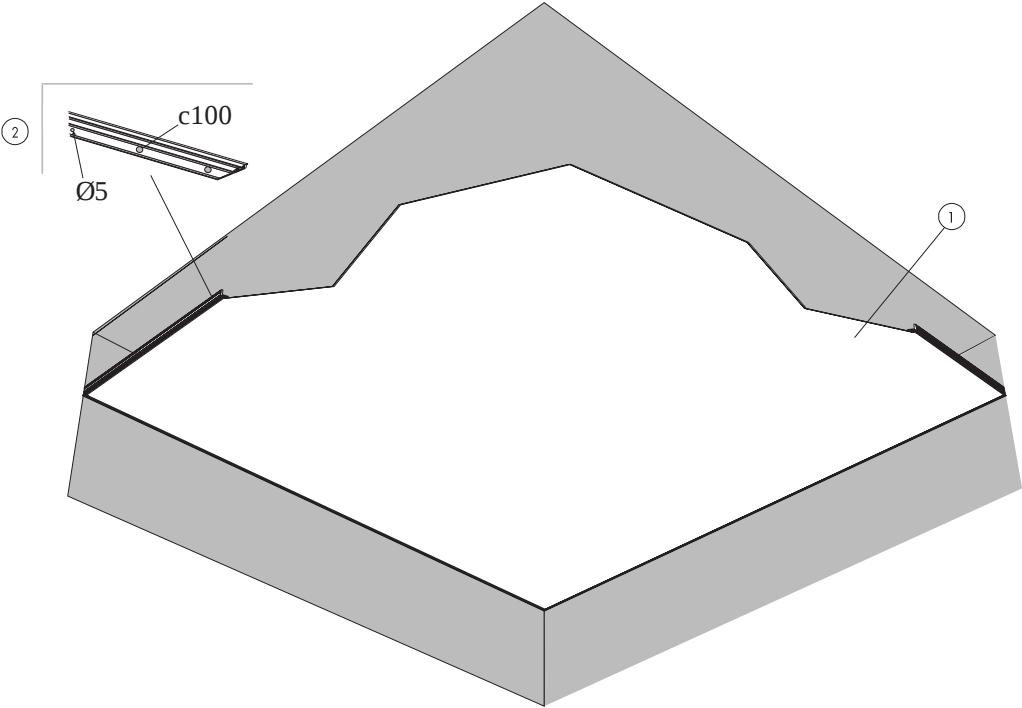
DIAGRAMA DE INSTALACIÓN (M569) PARA CLIPSO SO CLASSIC, APLICACIÓN EN TECHO CON PERFILES PCW



REPERCUSION M2 (EXCLUYENDO DESPERDICIOS)

	Formato, mm			
	x1500	x2000	x2500	x3000
1 Clipso 705S technical fabric	como se requiera			
2 Clipso PCW profiles	como se requiera			
Installation and maintenance accessories for Clipso technical fabrics	-	-	-	-

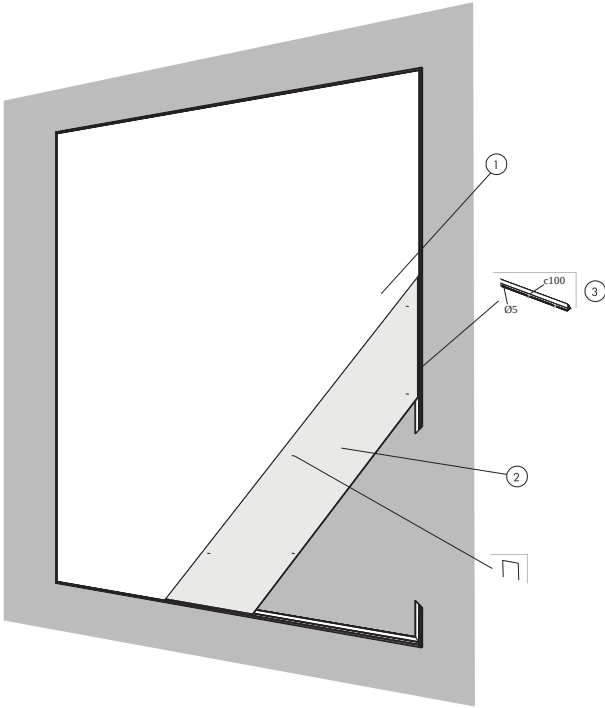
DIAGRAMA DE INSTALACIÓN (M569) PARA CLIPSO SO CLASSIC, APLICACIÓN EN TECHO CON PERFILES PCW



REPERCUSION M2 (EXCLUYENDO DESPERDICIOS)

Formato, mm				
	x3500	x4000	x4500	x5100
1 Clipso 705S technical fabric	como se requiera			
2 Clipso PCW profiles	como se requiera			
Installation and maintenance accessories for Clipso technical fabrics	-	-	-	-

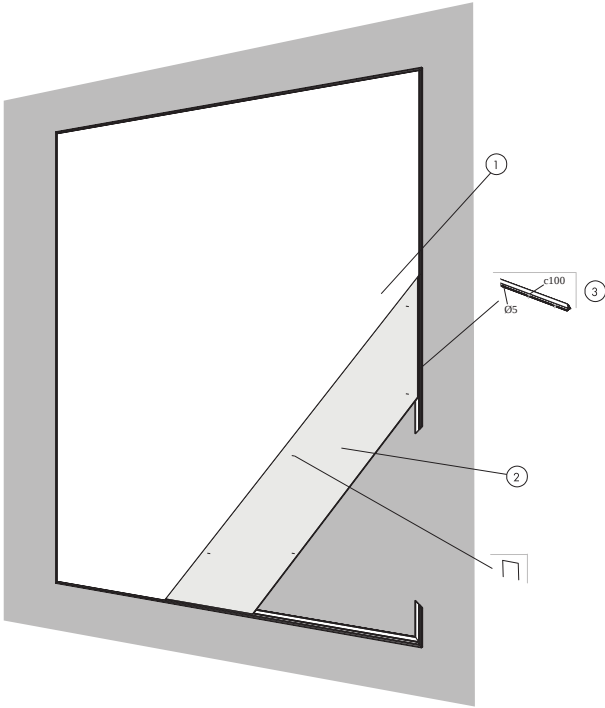
DIAGRAMA DE INSTALACIÓN (M570) PARA CLIPSO SO CLASSIC, APLICACIÓN EN PARED



REPERCUSION M2 (EXCLUYENDO DESPERDICIOS)

	Formato, mm			
	x1500	x2000	x2500	x3000
1 Clipso 705S technical fabric	como se requiera			
2 Wall absorbers for Clipso technical fabrics	como se requiera			
3 Clipso PCC profiles	como se requiera			
Installation and maintenance accessories for Clipso technical fabrics	-	-	-	-

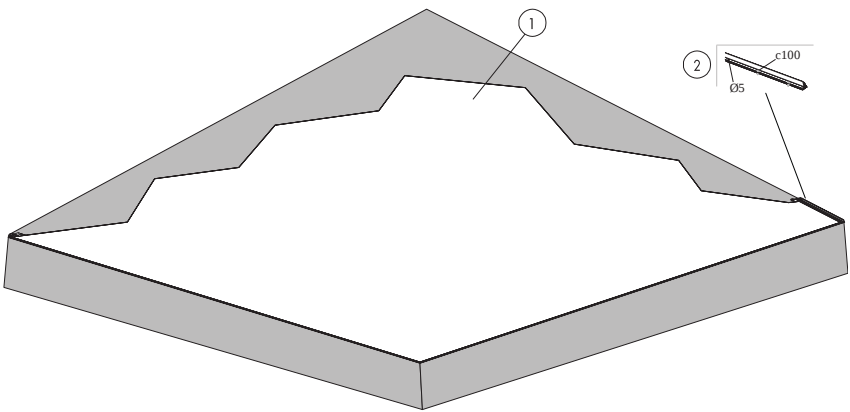
DIAGRAMA DE INSTALACIÓN (M570) PARA CLIPSO SO CLASSIC, APLICACIÓN EN PARED



REPERCUSION M2 (EXCLUYENDO DESPERDICIOS)

	Formato, mm			
	x3500	x4000	x4500	x5100
1 Clipso 705S technical fabric	como se requiera			
2 Wall absorbers for Clipso technical fabrics	como se requiera			
3 Clipso PCC profiles	como se requiera			
Installation and maintenance accessories for Clipso technical fabrics	-	-	-	-

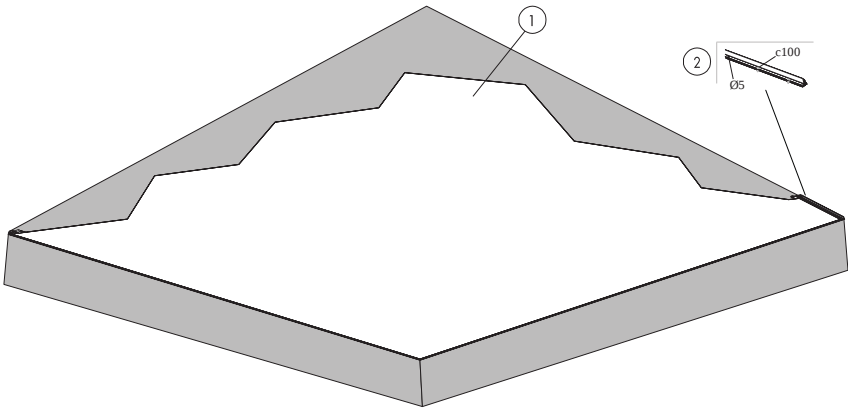
DIAGRAMA DE INSTALACIÓN (M572) PARA CLIPSO SO CLASSIC, APLICACIÓN EN TECHO CON PERFILES PCC



REPERCUSION M2 (EXCLUYENDO DESPERDICIOS)

	Formato, mm			
	x1500	x2000	x2500	x3000
1 Clipso 705S technical fabric	como se requiera			
2 Clipso PCC profiles	como se requiera			
Installation and maintenance accessories for Clipso technical fabrics	-	-	-	-

DIAGRAMA DE INSTALACIÓN (M572) PARA CLIPSO SO CLASSIC, APLICACIÓN EN TECHO CON PERFILES PCC



REPERCUSION M2 (EXCLUYENDO DESPERDICIOS)

	Formato, mm			
	x3500	x4000	x4500	x5100
1 Clipso 705S technical fabric	como se requiera			
2 Clipso PCC profiles	como se requiera			
Installation and maintenance accessories for Clipso technical fabrics	-	-	-	-