Ecophon Solo™ Freedom

Ecophon Solo™ Freedom is an acoustic solution which allows you to express yourself. With Freedom it is possible to design almost any shape, based on a 1200x1200 or 2400x1200 panel. Solo Freedom is an unframed free hanging unit, manufactured from high density glass wool, with Akutex™ FT surface on both sides and straight painted edges. It is available in a range of colours and Connect suspension systems, giving opportunities to create installations with layers and angles.

Solo Freedom is suitable for when a full acoustic ceiling is not desired or as an option when TABS (Thermally Activated Building System) is selected as a cooling system.

For acoustic data on the panel - please see Solo Rectangle.

For inspiration:
We have created a range of Solo Freedom shapes to inspire your design.

Solo Freedom Triangle (M297)
Solo Freedom Octagon (M424)
Solo Freedom Heptagon (M425)
Solo Freedom Hexagon (M426)
Solo Freedom Pentagon (M427)
Solo Freedom Ellipse (M428)

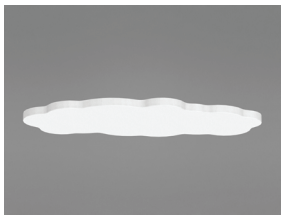


Alfa-Laboratory, Moscow, Russia

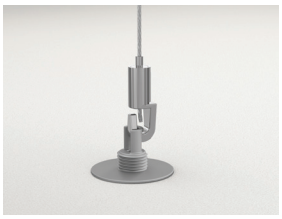
SYSTEM RANGE

Size, mm	1039x1200	1040x1200	1139x1198	1168x1198	Ø1200	1200x1200	2400x1000	2400x1200
Special Fixing	•	•	•	•	•	•	•	•
Thickness (THK)	40	40	40	40	40	40	40	40
Inst. Diagr.	M297	M426	M427	M425	M412	M412, M424	M428	M412

© Ecophon Group



Solo Freedom



Suspension with Connect Adjustable wire hanger and Connect Absorber

Acoustics

For acoustic data on the panel - please see Solo Square and Rectangle.

Indoor Air Quality

Certificate / Label	
Finnish M1	•
French VOC, A+	•

Environmental Footprint

Kg CO_2 equiv/m^2: 8,07

From EPD in conformity with ISO 14025 / EN 15804

Circularity

Fully recyclable.

Fire safety

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

The glass wool core of the tiles is tested and classified as non-combustible according to EN ISO 1182.

Humidity Resistance

Class A, relative humidity 70% and 25°C, according to EN 13964:2014

Visual appearance

White Frost, nearest NCS colour sample S 0500-N, 85% light reflectance. Gloss < 1.

Cleanability

Daily dusting and vacuum cleaning. Weekly wet wiping.

Accessibility

The tiles are demountable.

Installation

Installed according to installation diagrams, installation guides and drawing aid. For information regarding minimum overall depth of system see quantity specification.

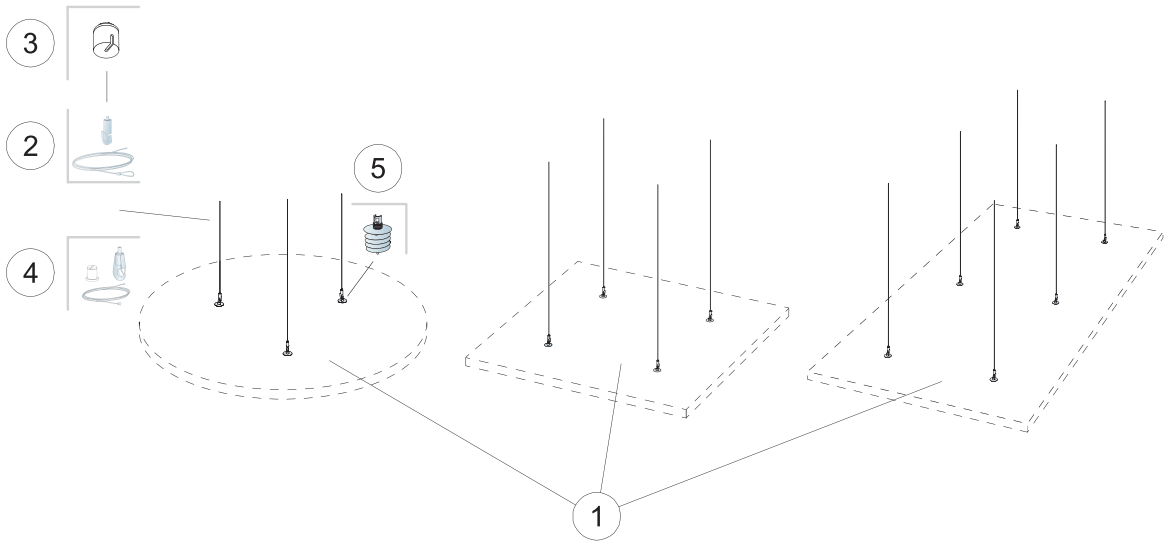
Mechanical properties

The tile can take both point loads and distributed loads. See Functional demands, Mechanical properties at www.ecophon.com.

CE

Ecophon ceiling systems are CE marked according to the European harmonized standard EN13964:2014. 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.

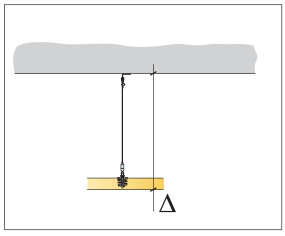
INSTALLATION DIAGRAM (M412) FOR ECOPHON SOLO FREEDOM



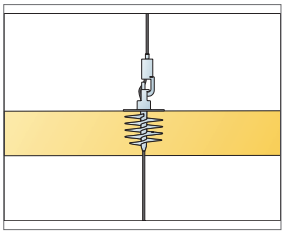
QUANTITY SPECIFICATION (EXCL. WASTAGE)

1	Solo Freedom
2	Connect Adjustable wire hanger
3	Connect Covering cup
4	Connect Adjustable wire kit (Alt 1, Optional)
5	Connect Absorber anchor

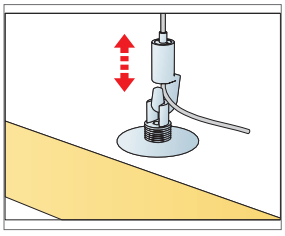
Δ Min. overall depth of system: 130 mm



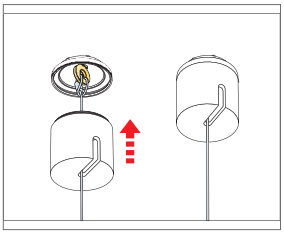
See Quantity specification



Panels can be suspended underneath each other

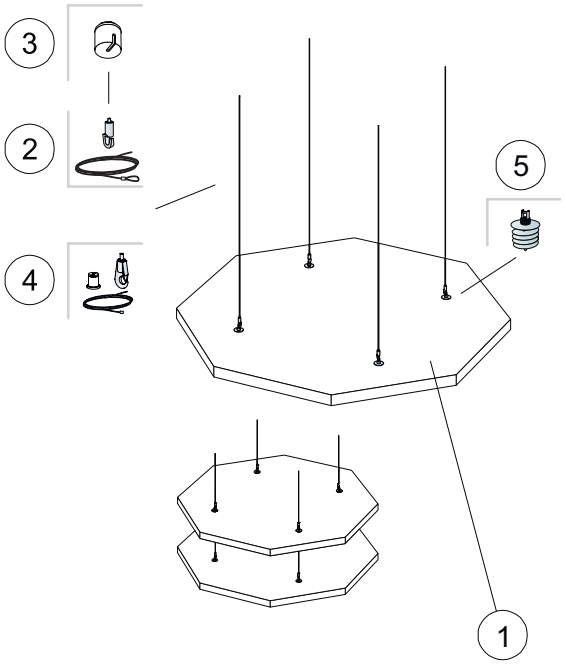


Easily adjustable suspension with Connect Adjustable wire hanger



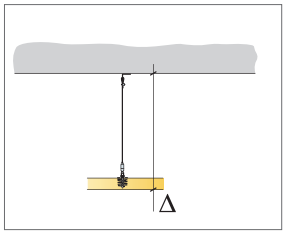
Installation of Connect Covering cup

INSTALLATION DIAGRAM (M424) FOR ECOPHON SOLO OCTAGON

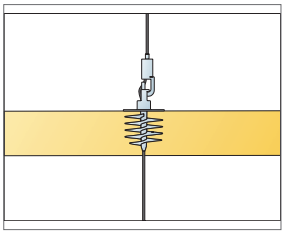


QUANTITY SPECIFICATION (EXCL. WASTAGE)

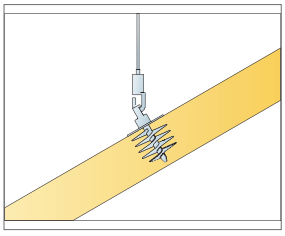
		Size, mm
		1200x1200
1	Solo Octagon	1,19m²/panel
2	Connect Adjustable wire hanger (Alt 1)	4/panel
3	Connect Covering cup (Alt 1, Optional)	4/panel
4	Connect Adjustable wire kit (Alt 1, Optional)	4/panel
5	Connect Absorber anchor (Alt 1)	4/panel
	Δ Min. overall depth of system: Δ1 130 mm	-
	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	



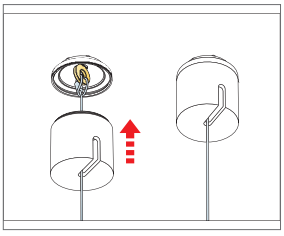
See Quantity specification



Panels can be suspended underneath each other

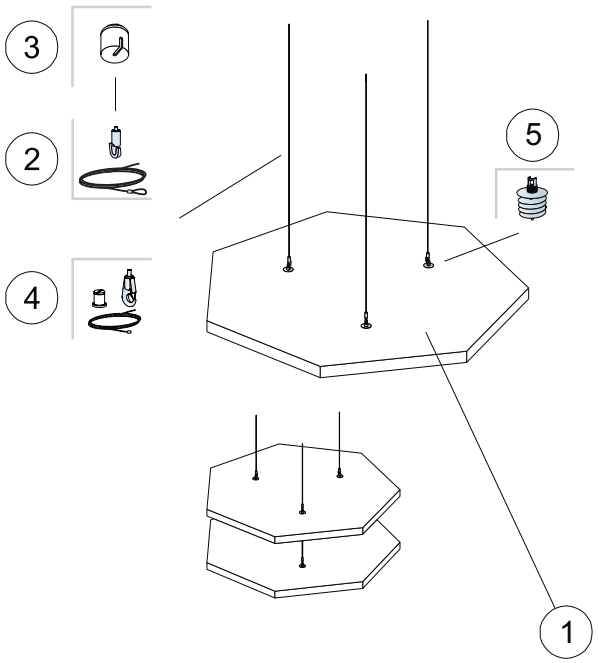


Panels can be installed in angles up to 60°



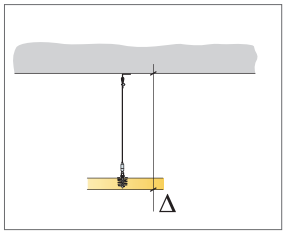
Installation of Connect Covering cup

INSTALLATION DIAGRAM (M425) FOR ECOPHON SOLO HEPTAGON

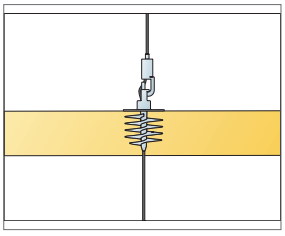


QUANTITY SPECIFICATION (EXCL. WASTAGE)

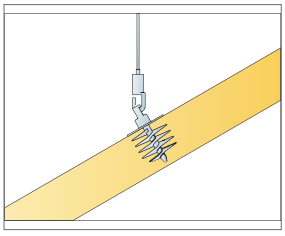
		Size, mm
		1168x1198
1	Solo Heptagon	1,03m²/panel
2	Connect Adjustable wire hanger (Alt 1)	3/panel
3	Connect Covering cup (Alt 1, Optional)	3/panel
4	Connect Adjustable wire Kit (Alt 1, Optional)	3/panel
5	Connect Absorber anchor (Alt 1)	3/panel
	Δ Min. overall depth of system: Δ1 130 mm	
	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	



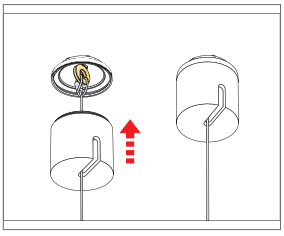
See Quantity specification



Panels can be suspended underneath each other

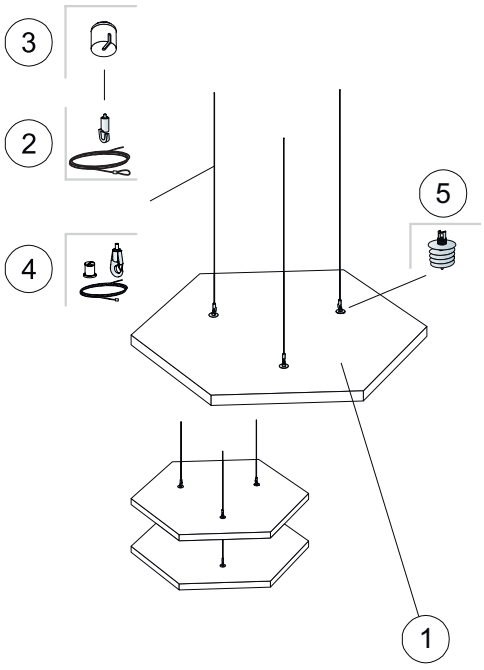


Panels can be installed in angles up to 60°



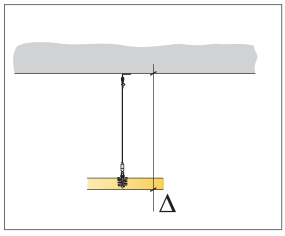
Installation of Connect Covering cup

INSTALLATION DIAGRAM (M426) FOR ECOPHON SOLO HEXAGON

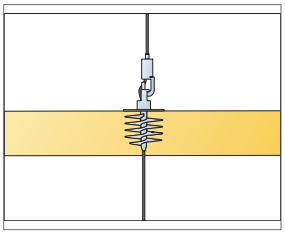


QUANTITY SPECIFICATION (EXCL. WASTAGE)

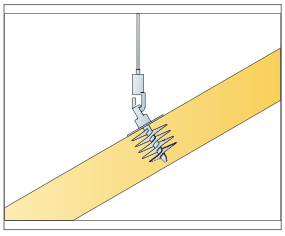
		Size, mm
		1040x1200
1	Solo Hexagon	0,94m²/panel
2	Connect Adjustable wire hanger (Alt 1)	3/panel
3	Connect Covering cup (Alt 1, Optional)	3/panel
4	Connect Adjustable wire Kit (Alt 1, Optional)	3/panel
5	Connect Absorber anchor (Alt 1)	3/panel
	Δ Min. overall depth of system: Δ1 130 mm	
	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	



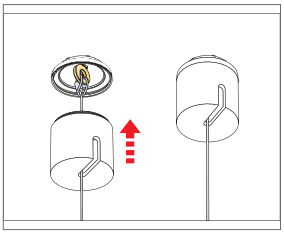
See Quantity specification



Panels can be suspended underneath each other

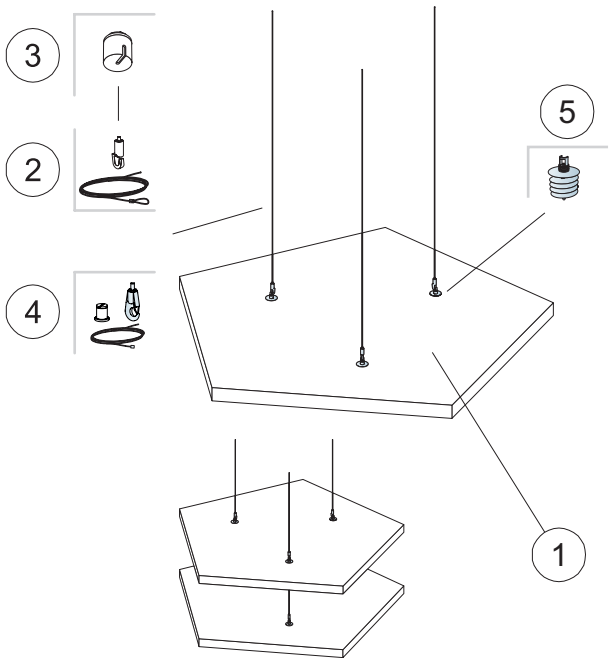


Panels can be installed in angles up to 60°



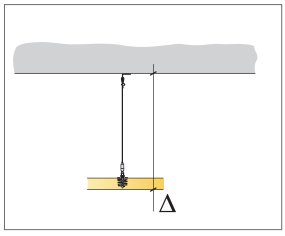
Installation of Connect Covering cup

INSTALLATION DIAGRAM (M427) FOR ECOPHON SOLO PENTAGON

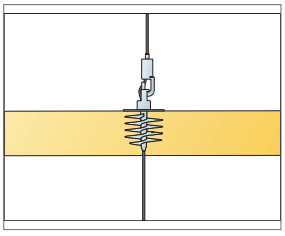


QUANTITY SPECIFICATION (EXCL. WASTAGE)

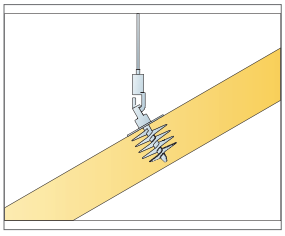
		Size, mm
		1139x1198
1	Solo Pentagon	0,94m²/panel
2	Connect Adjustable wire hanger (Alt 1)	3/panel
3	Connect Covering cup (Alt 1, Optional)	3/panel
4	Connect Adjustable wire kit (Alt 1, Optional)	3/panel
5	Connect Absorber anchor (Alt 1)	3/panel
	Δ Min. overall depth of system: Δ1 130 mm	
	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	



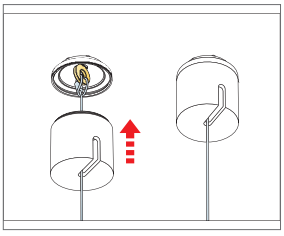
See Quantity specification



Panels can be suspended underneath each other

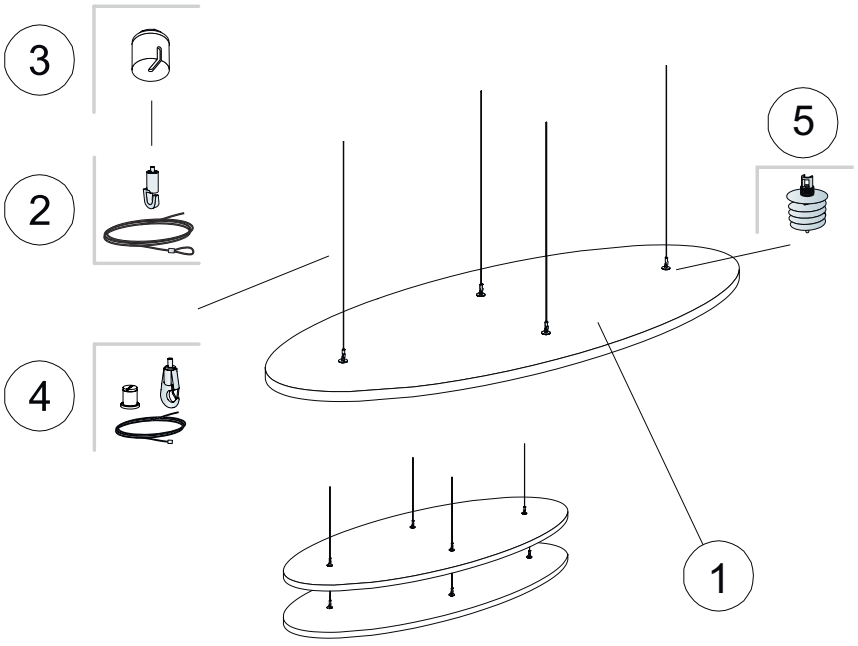


Panels can be installed in angles up to 60°



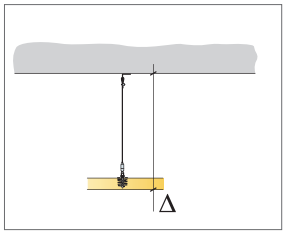
Installation of Connect Covering cup

INSTALLATION DIAGRAM (M428) FOR ECOPHON SOLO ELLIPSE

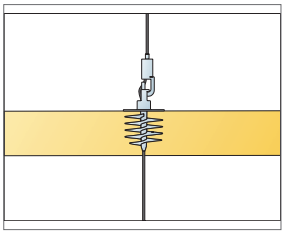


QUANTITY SPECIFICATION (EXCL. WASTAGE)

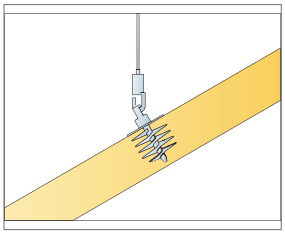
		Size, mm
		2400x1000
1	Solo Ellipse	1,89m²/panel
2	Connect Adjustable wire hanger (Alt 1)	4/panel
3	Connect Covering cup (Alt 1, Optional)	4/panel
4	Connect Adjustable wire kit (Alt 1, Optional)	4/panel
5	Connect Absorber anchor (Alt 1)	4/panel
	Δ Min. overall depth of system: Δ1 130 mm	
	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	



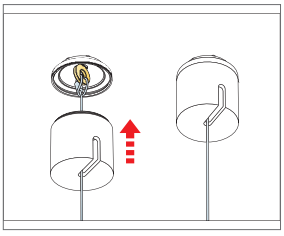
See Quantity specification



Panels can be suspended underneath each other

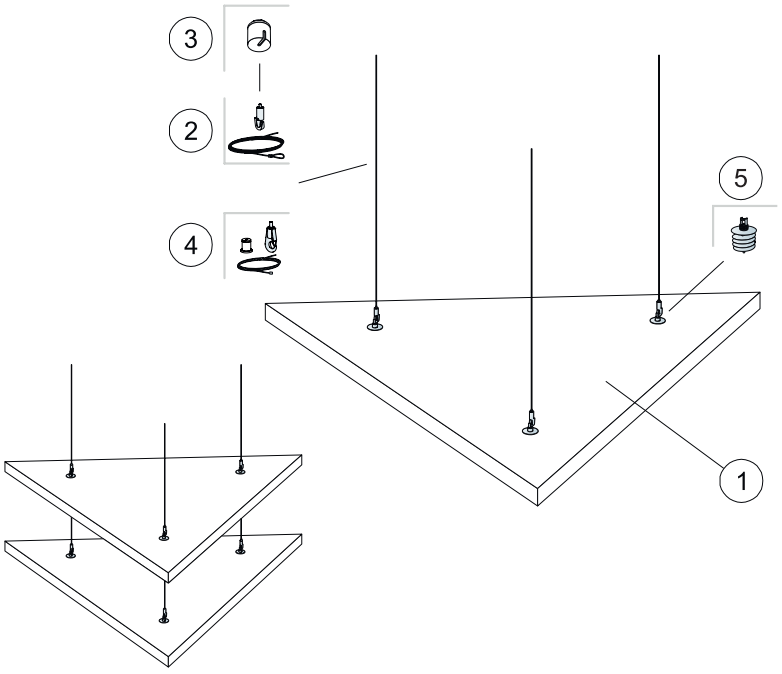


Panels can be installed in angles up to 60°



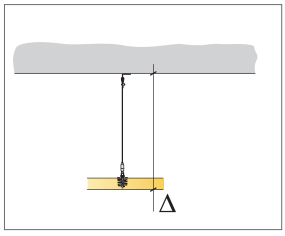
Installation of Connect Covering cup

INSTALLATION DIAGRAM (M297) FOR ECOPHON SOLO TRIANGLE

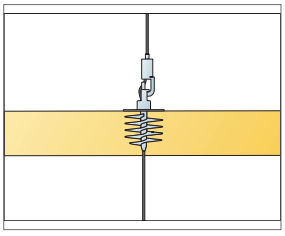


QUANTITY SPECIFICATION (EXCL. WASTAGE)

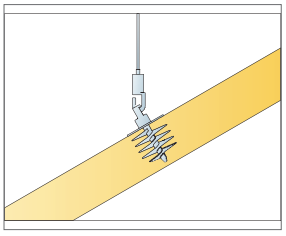
		Size, mm
		1039x1200
1	Solo Triangle	0,62m²/panel
2	Connect Adjustable wire hanger	3/panel
3	Connect Covering cup (Alt 1, Optional)	3/panel
4	Connect Adjustable wire kit (Alt 1, Optional)	3/panel
5	Connect Absorber anchor	3/panel
	Δ Min. overall depth of system: Δ 130 mm	
	To install Connect Aborber Anchor, use Connect Absorber Anchor Bit.	



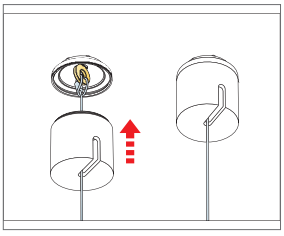
See Quantity specification



Panels can be suspended underneath each other



Panels can be installed in angles up to 60°



Installation of Connect Covering cup