

OCTA WALL

CUSTOM





EFFICIENT FLEXIBLE INDIVIDUAL

CONVENTIONAL LOOK WITH A SYSTEM

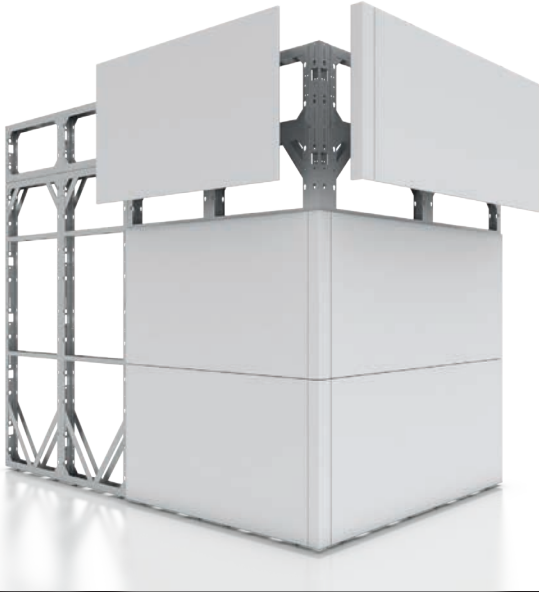
Conventional or system? This question perfectly captions the two opposing worlds we face in exhibition construction every day. While conventional exhibition construction promises the most individuality, modular construction can't be beaten when it comes to flexibility of the components, efficient planning, and fast construction. Modular construction also scores with regard to sustainability: if the system, after decades of use, needs to be replaced, the raw material aluminium can easily be recycled.



Our OCTAWall custom wall system combines the best of both worlds: it fuses a modern, conventional look with the advantages of a modular system while keeping it hidden. By cladding with different materials in different shapes you can create individual rooms and spaces for your customers in no time, while staying in line with the budget.

OCTAWALL CUSTOM

CONVENTIONAL LOOK



SYSTEM OR INDIVIDUAL DESIGN? YOU CAN HAVE BOTH!

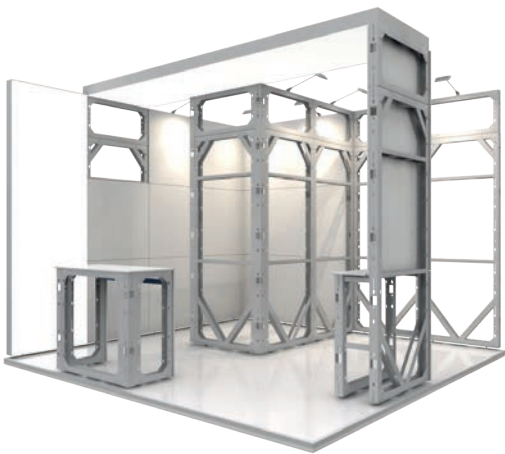


The invisible system for your design.

An individual stand design, adapted to the wishes of the customer, is nowadays indispensable. The typical appearance of the exhibitor should be immediately recognizable to the visitor, regardless of whether he is at the fair or in the shop. OCTAwall custom forms the basis for distinctive exhibition spaces that can be rebuilt over and over again – all in the same quality worldwide.

Sustainable. Reusable. Efficient.

Lightweight aluminum frames not only guarantee lower transport costs and installation times, but also years of use. Thus, the system pays for itself after only a few orders. The frames can be connected horizontally and vertically and can also be freely combined with OCTAlumina 120 or OCTAmax 350. Create different looks with just one system!



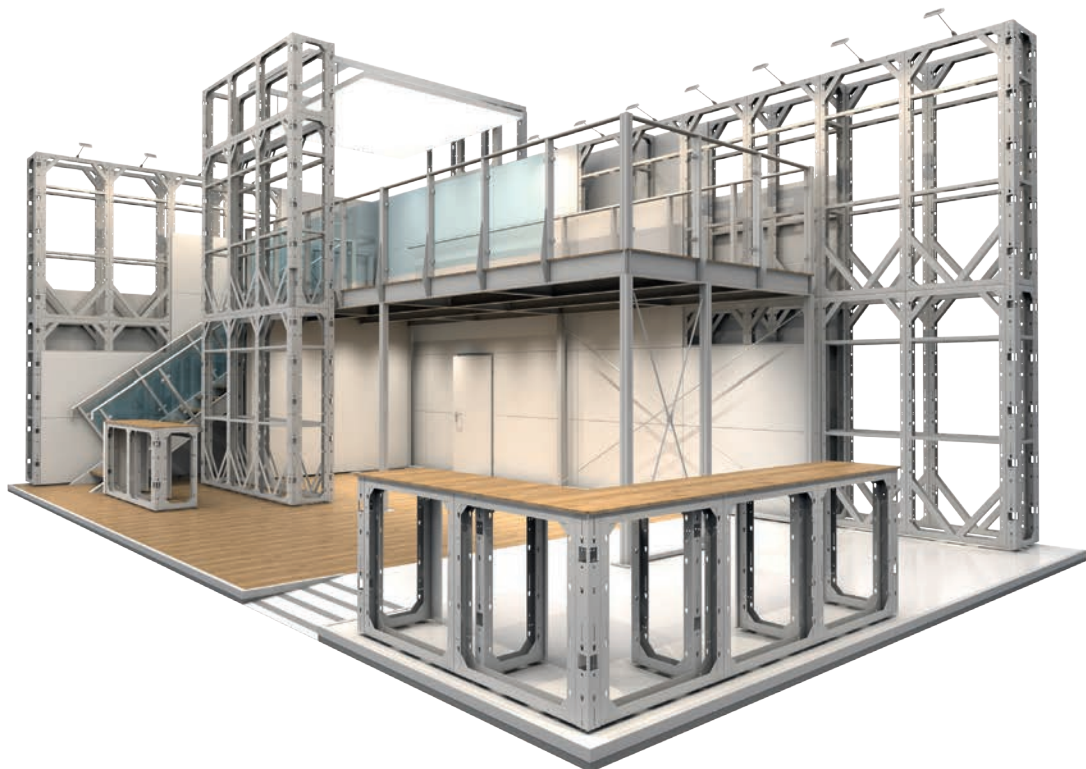
Technical details:

- individual look by using different panel shapes, materials, surfaces and fabrics
- walls and rooms with a maximum height of 6 m
- decades of use thanks to durable and sturdy frame elements
- fast assembly
- panel mounting without tools

16 m² booth, 3 m building height
in combination with OCTAlumina
with/without cladding

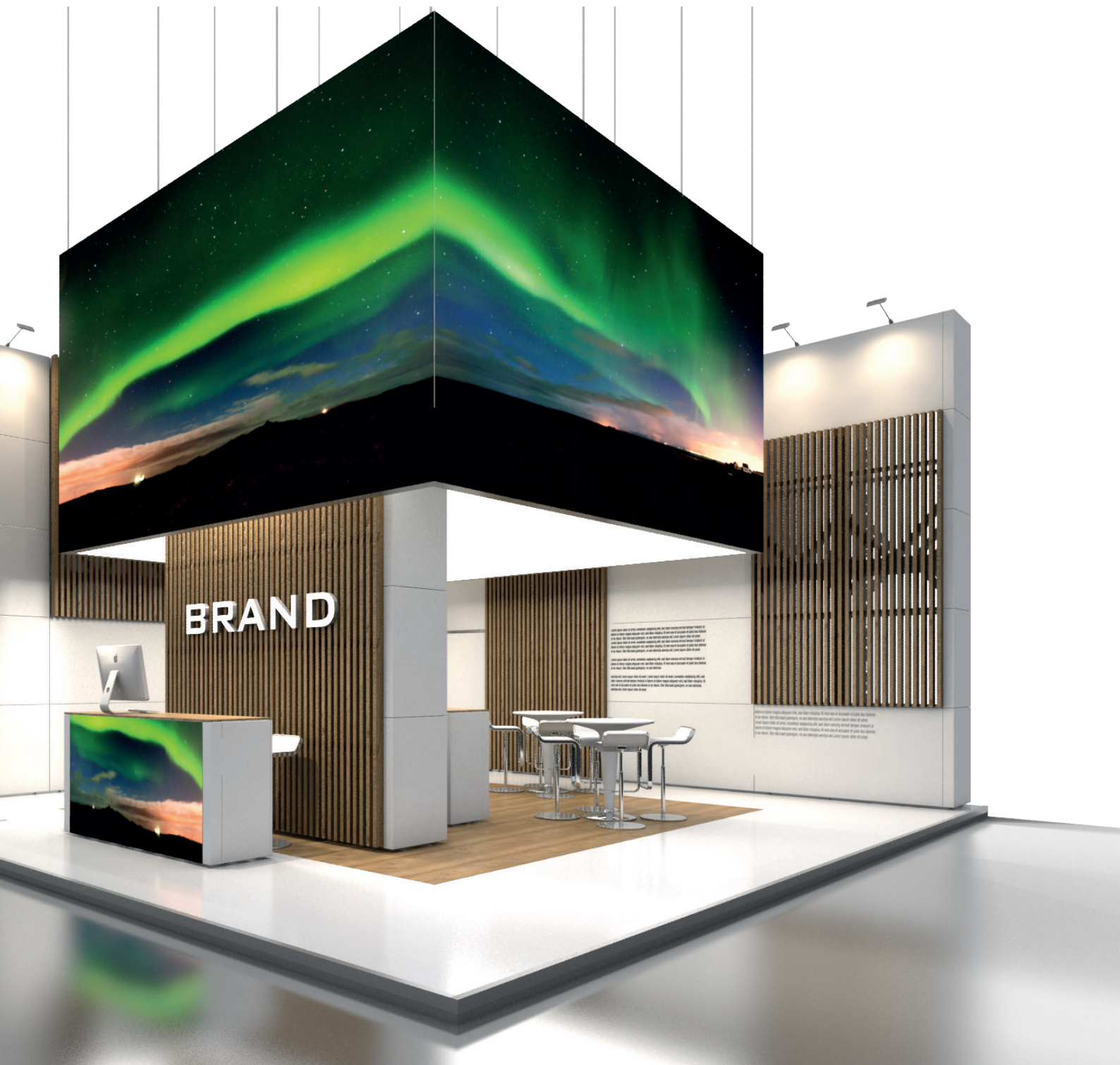
TECHNISCHE FEATURES

OCTAwall custom



60 m² booth, 6 m building height
in combination with OCTAmax 350 and OCTAlumina
with/without cladding





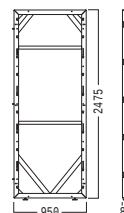
FRAME ELEMENT

950 × 2475 MM



OC 2010.00

Aluminium | incl. 3 × connecting screw OC 2800, 3 × cylinder screw OC 2820 and 2 × adjustable foot W 2850, total height incl. adjustable feet: 2500 mm
12.60 kg | 950 × 2475 mm



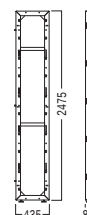
FRAME ELEMENT

435 × 2475 MM



OC 2050.00

Aluminium | incl. 3 × connecting screw OC 2800, 3 × cylinder screw OC 2820 and 2 × adjustable foot W 2850, total height incl. adjustable feet: 2500 mm
9.43 kg | 435 × 2475 mm



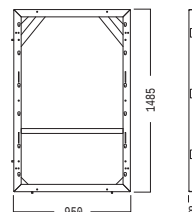
FRAME ELEMENT

950 × 1485 MM



OC 2110.00

Aluminium | incl. 2 × connecting screw OC 2800 and 2 × cylinder screw OC 2820, without adjustable feet
7.59 kg | 950 × 1485 mm



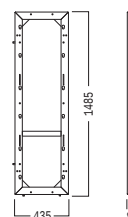
FRAME ELEMENT

435 × 1485 MM



OC 2150.00

Aluminium | incl. 2 × connecting screw OC 2800 and 2 × cylinder screw OC 2820, without adjustable feet
6.34 kg | 435 × 1485 mm



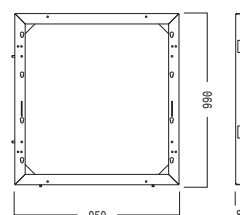
FRAME ELEMENT

950 × 990 MM



OC 2210.00

Aluminium | incl. 2 × connecting screw OC 2800 and 2 × cylinder screw OC 2820, without adjustable feet
5.79 kg | 950 × 990 mm



PARTS

OCTAwall custom

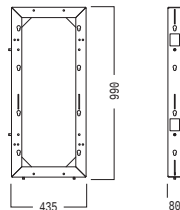
FRAME ELEMENT

435 × 990 MM



OC 2250.00

Aluminium | incl. 2 × connecting screw OC 2800 and 2 × cylinder screw OC 2820, without adjustable feet
4.79 kg | 435 × 990 mm



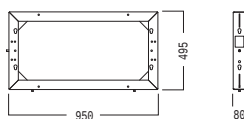
FRAME ELEMENT

950 × 495 MM



OC 2310.00

Aluminium | incl. 1 × connecting screw OC 2800 and 2 × cylinder screw OC 2820, without adjustable feet
3.81 kg | 950 × 495 mm



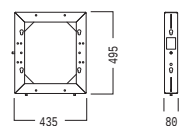
FRAME ELEMENT

435 × 495 MM



OC 2350.00

Aluminium | incl. 1 × connecting screw OC 2800 and 2 × cylinder screw OC 2820, without adjustable feet
3.37 kg | 435 × 495 mm

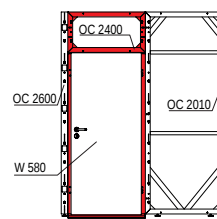
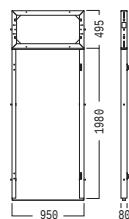


DOOR FRAME UNIVERSAL



OC 2400.20

Aluminium | DIN right, can be changed to door stop left side, to be used in connection with W 580 and W 581, assembly dimension: 950 × 2475 mm
14.74 kg

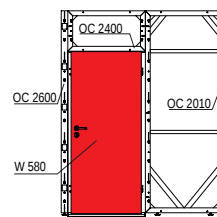
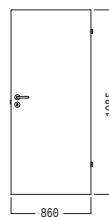


DOOR LEAF DIN RIGHT



W 580.30

Wood | lacquered, white RAL 9010 incl. 1 × door handle set W 582 and 1 × tumbler mortise, to be used in connection with W 986 and OC 2400
15.31 kg

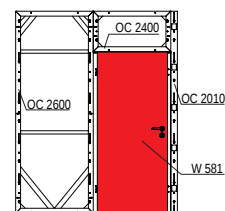
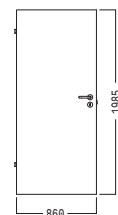


DOOR LEAF DIN LEFT



W 581.30

Wood | lacquered, white RAL 9010
incl. 1 × door handle set
W 582 and 1 × tumbler mortise, to
be used in connection with W 986
and OC 2400
15.31 kg

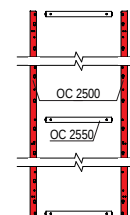
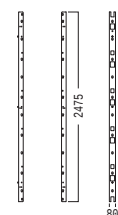


FRAME ELEMENT LATERAL PARTS 2475 MM



OC 2500.00

Aluminium | 2 pieces, for every
desired frame element width,
in connection with beam extrusion
Z 400, incl. 6 × connection screw
OC 2800
5.92 kg | 2475 mm

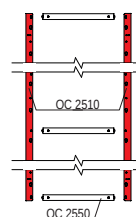
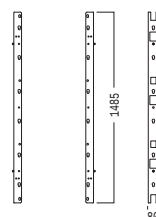


FRAME ELEMENT LATERAL PARTS 1485 MM



OC 2510.00

Aluminium | 2 pieces, for every
desired frame element width,
in connection with beam extrusion
Z 400, incl. 4 × connection screw
OC 2800
3.60 kg | 1485 mm

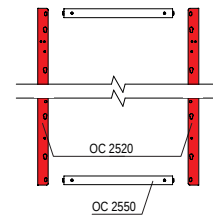
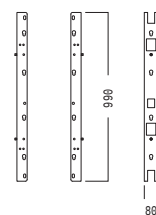


FRAME ELEMENT LATERAL PARTS 990 MM



OC 2520.00

Aluminium | 2 pieces, for every
desired frame element width,
in connection with beam extrusion
Z 400, incl. 4 × connection screw
OC 2800
2.21 kg | 990 mm

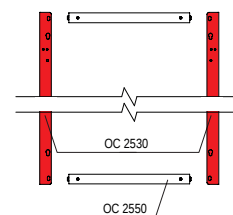
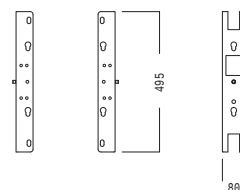


FRAME ELEMENT LATERAL PARTS 495 MM



OC 2530.00

Aluminium | 2 pieces, for every
desired frame element width,
in connection with beam extrusion
Z 400, incl. 2 × connections screw
OC 2800
1.14 kg | 495 mm



PARTS

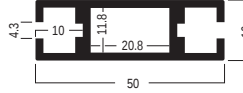
OCTAwall custom

BEAM EXTRUSION 50 MM

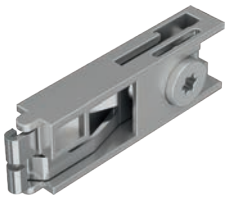


Z 400.01

Aluminium | mounting of tension lock Z 961/13 possible, groove depth 10 mm
4.39 kg | 5000 mm

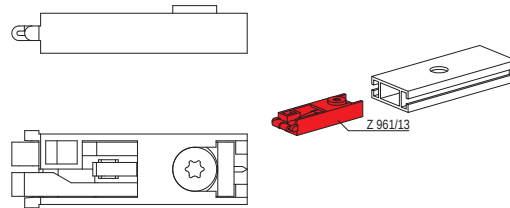


TENSION LOCK 13 MM



Z 961/13

Zinc die-cast/Steel | for all beam extrusions with lock chamber 21 × 12 mm and in connection with adaptor Z 161/A for beam extrusions with lock chamber 39 × 12 mm
0.05 kg

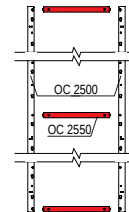
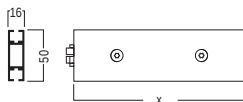


BEAM EXTRUSION CUSTOM SIZE × 50 MM



OC 2550.01

Aluminium | ready made, 2 × tension lock Z 961/13 mounted, custom size



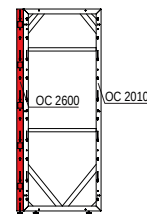
! Attention:
Please specify
custom size when
ordering

UPRIGHT 2475 MM



OC 2600.00

Aluminium | incl. 3 × connecting screw OC 2810, with the same cut outs as the frame elements, to mount the facing panels and for connecting frames at 90° angle
3.96 kg | 2475 mm

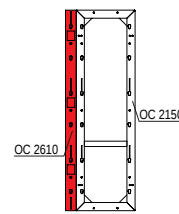


UPRIGHT 1485 MM



OC 2610.00

Aluminium | incl. 2 × connecting screw OC 2810, with the same cut outs as the frame elements, to mount the facing panels and for connecting frames at 90° angle
2.43 kg | 1485 mm

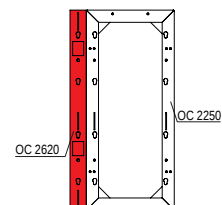
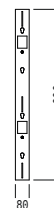


UPRIGHT 990 MM



OC 2620.00

Aluminium | incl. 2 x connecting screw OC 2810, with the same cut outs as the frame elements, to mount the facing panels and for connecting frames at 90° angle
1.62 kg | 990 mm

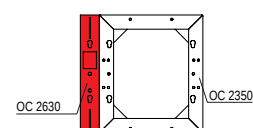
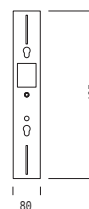


UPRIGHT 495 MM



OC 2630.00

Aluminium | incl. 1 x connecting screw OC 2810, with the same cut outs as the frame elements, to mount the facing panels and for connecting frames at 90° angle
0.84 kg | 495 mm

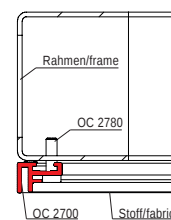
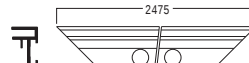


FABRIC SUSPENSION EXTRUSION 2475 MM



OC 2700.01

Aluminium | made of M 1607, incl. 45° mitre on both ends and 3 x drilled hole Ø 6.5 mm, for mounting to frame element with 3 x cylinder screw OC 2780, to fix fabric in connection with silicone edge M 1313
0.87 kg | 2475 mm

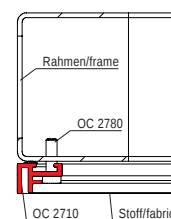
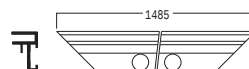


FABRIC SUSPENSION EXTRUSION 1485 MM



OC 2710.01

Aluminium | made of M 1607, incl. 45° mitre on both ends and 2 x drilled hole Ø 6.5 mm, for mounting to frame element with 2 x cylinder screw OC 2780, to fix fabric in connection with silicone edge M 1313
0.52 kg | 1485 mm

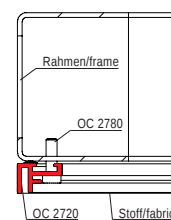


FABRIC SUSPENSION EXTRUSION 990 MM



OC 2720.01

Aluminium | made of M 1607, incl. 45° mitre on both ends and 2 x drilled hole Ø 6.5 mm, for mounting to frame element with 2 x cylinder screw OC 2780, to fix fabric in connection with silicone edge M 1313
0.35 kg | 990 mm



PARTS

OCTAwall custom

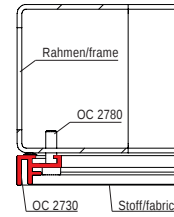
FABRIC SUSPENSION EXTRUSION

950 MM



OC 2730.01

Aluminium I made of M 1607, incl. 45° mitre on both ends and 2 × drilled hole Ø 6.5 mm, for mounting to frame element with 2 × cylinder screw OC 2780, to fix fabric in connection with silicone edge M 1313
0.34 kg l 950 mm



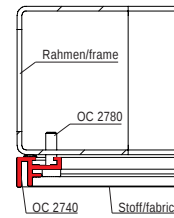
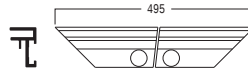
FABRIC SUSPENSION EXTRUSION

495 MM



OC 2740.01

Aluminium I made of M 1607, incl. 45° mitre on both ends and 2 × drilled hole Ø 6.5 mm, for mounting to frame element with 2 × cylinder screw OC 2780, to fix fabric in connection with silicone edge M 1313
0.17 kg l 495 mm



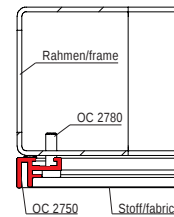
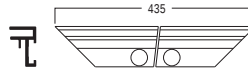
FABRIC SUSPENSION EXTRUSION

435 MM



OC 2750.01

Aluminium I made of M 1607, incl. 45° mitre on both ends and 2 × drilled hole Ø 6.5 mm, for mounting to frame element with 2 × cylinder screw OC 2780, to fix fabric in connection with silicone edge M 1313
0.16 kg l 435 mm



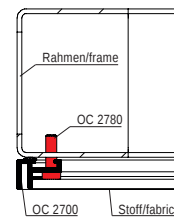
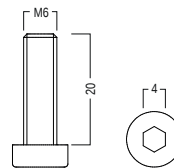
CYLINDER SCREW

M6 × 20



OC 2780.37

Steel I M6/20 mm, with hexagon socket 4 mm, to fix fabric tension extrusion OC 2700.... to frame element
0.01 kg

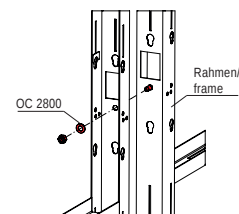
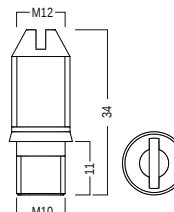


CONNECTION SCREW FOR 2 FRAME ELEMENTS

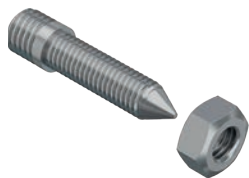


OC 2800.37

Steel I connecting bolt M10/M12, incl. 1 × lock nut M12, to connect frame elements
0.02 kg

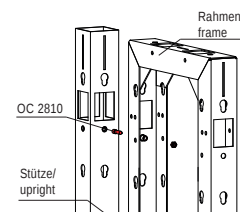
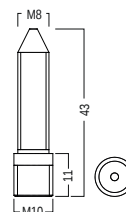


CONNECTION SCREW FOR UPRIGHT AND FRAME ELEMENT



OC 2810.37

Steel | connecting bolt M10/M8
incl. 1 × lock nut M8 M1470/30, to
connect a frame with an upright or
a corner element
0.03 kg

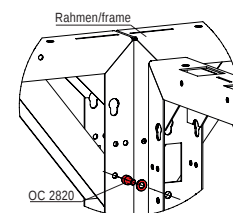
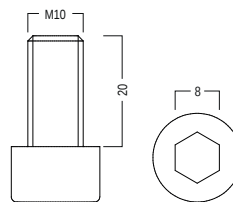


CYLINDER SCREW M10 × 20



OC 2820.37

Steel | M10/20 mm, incl. 1 ×
washer Ø 10,5/20 mm M 810/40,
for lateral mounting of frame
elements
0.02 kg

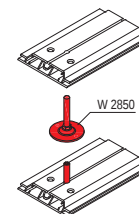
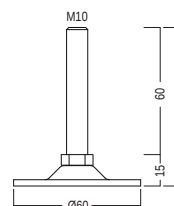


ADJUSTABLE FOOT M10



W 2850.37

Steel | M10 thread, to adjust height
of frames from the top with
hex-star T30
0.11 kg

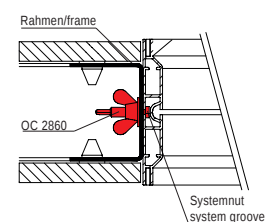
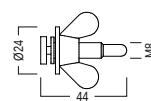


FIXING-SET FOR SYSTEM GROOVE



OC 2860.37

Steel | for fixing components with a
system groove to a frame element
0.04 kg

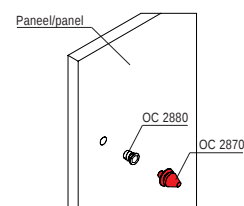
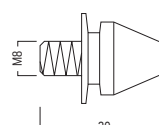


PANEL SCREW M8



OC 2870.37

Zinc | cone head to mount the
suspended wall panels (16 mm
and up) to the frames quickly
0.02 kg



PARTS

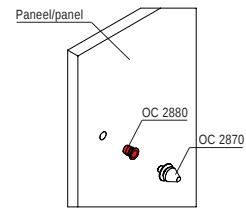
OCTAwall custom

THREADED INSERT M8



OC 2880.37

Steel/zinc-plated I for wall panels (16 mm and up), to fix the panel screw OC 2870
0.01 kg

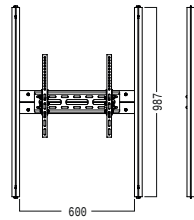


MONITOR MOUNT MONITORS 36" TO 52"

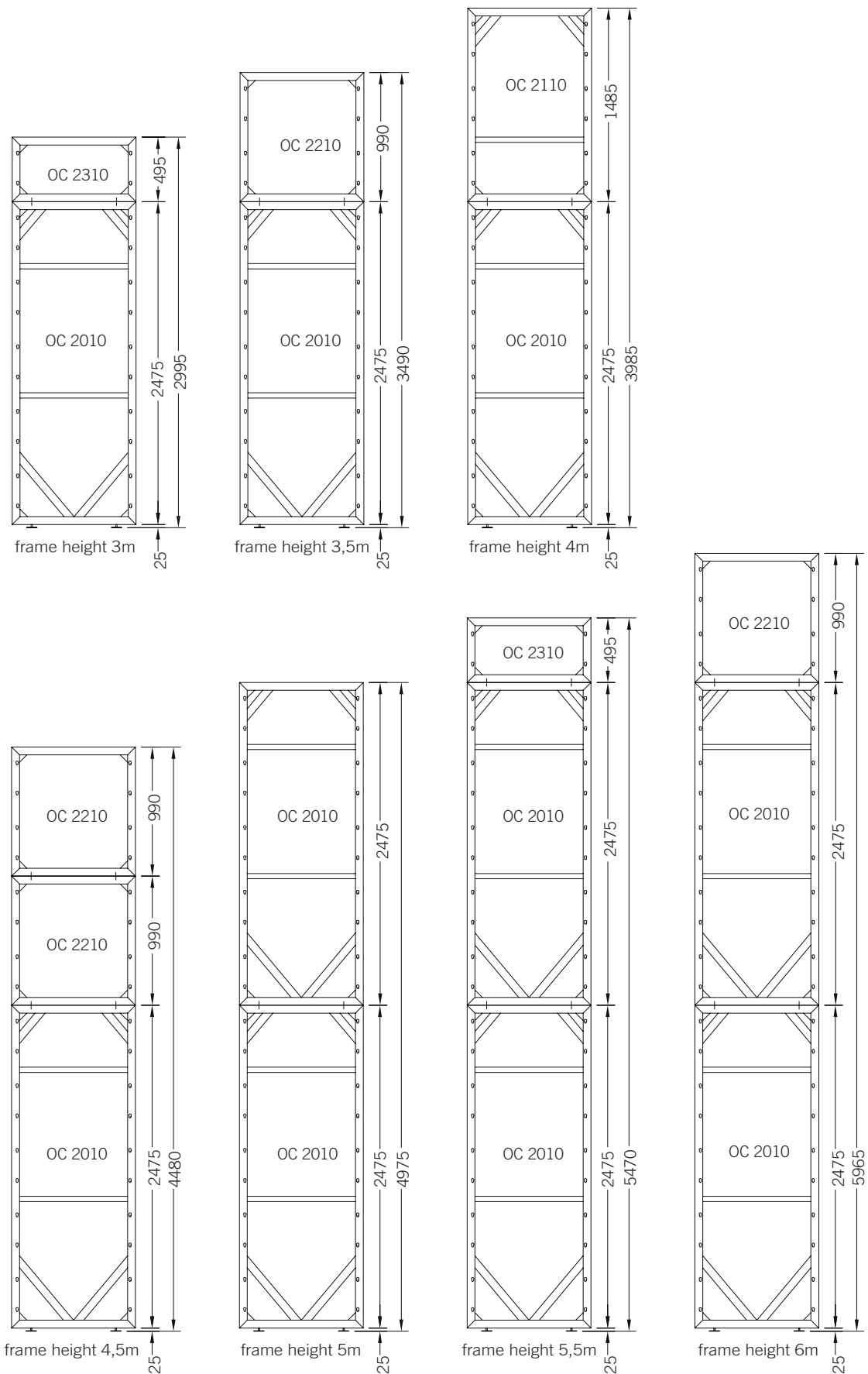


OC 2900.90

Steel/Aluminium I for fixing a TV or other monitors to an OC 2010 frame element, compatible with monitors between 36" to 52" mounting height adjustable
8.70 kg



The different frame element heights



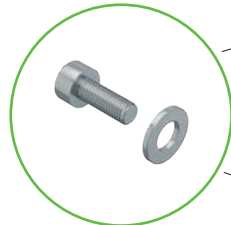
How to use the connection screws

Information:

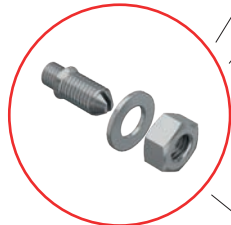
- OC 2800: horizontal and vertical connection of frames
- OC 2820: horizontal connection for installation on top of frames
- OC 2810: only used to connect a frame with an upright (M10)



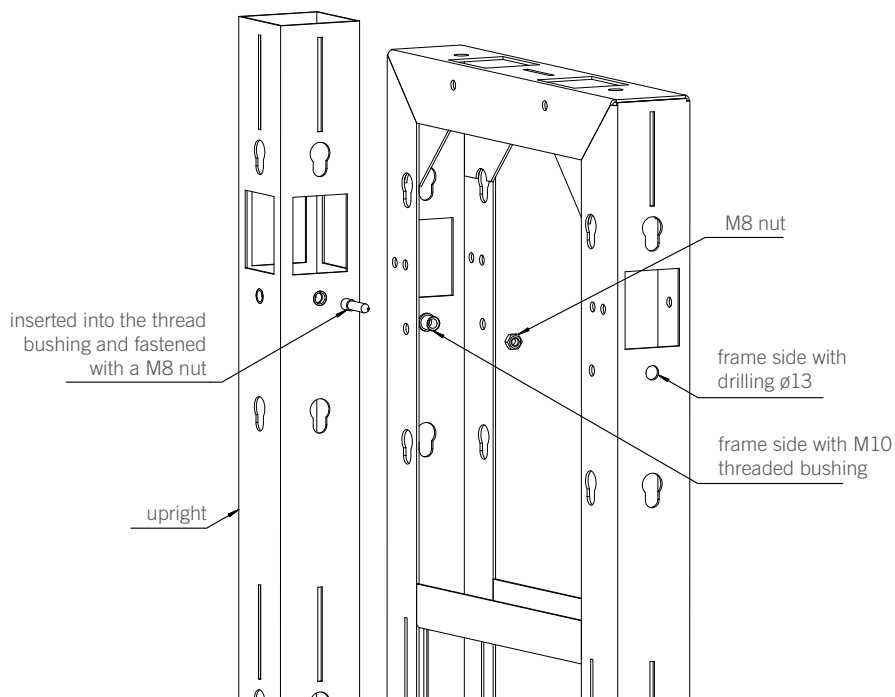
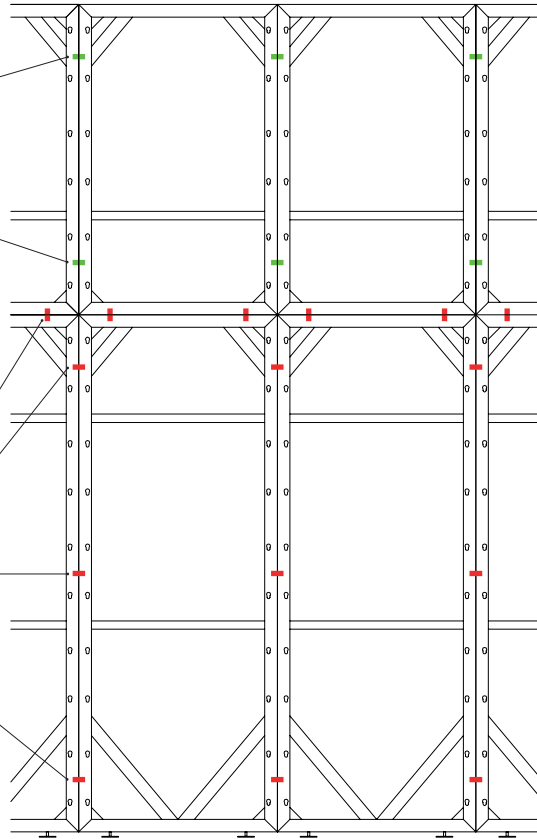
OC 2810
connection screw



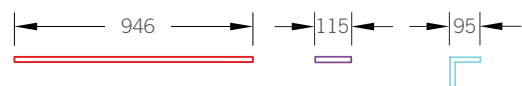
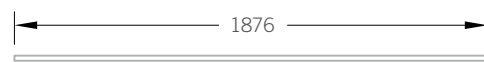
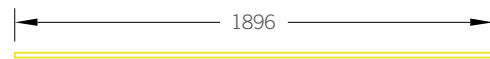
OC 2820
cylinder screw



OC 2800
connection screw



Panel size

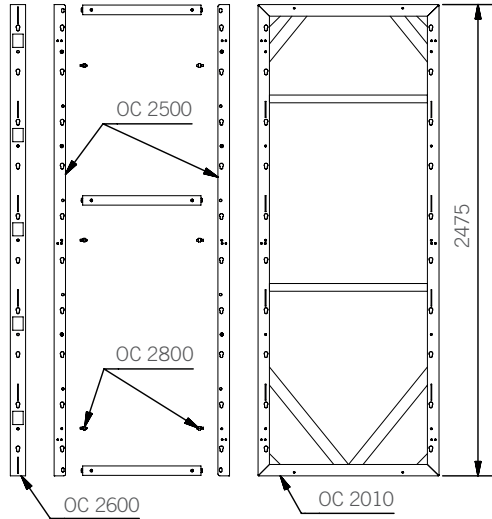


Technical drawing of a rectangular structure with dimensions and a quarter-circle cutout. The overall dimensions are 4000 (width) and 4000 (height). The structure features a quarter-circle cutout on the right side. Key dimensions include:

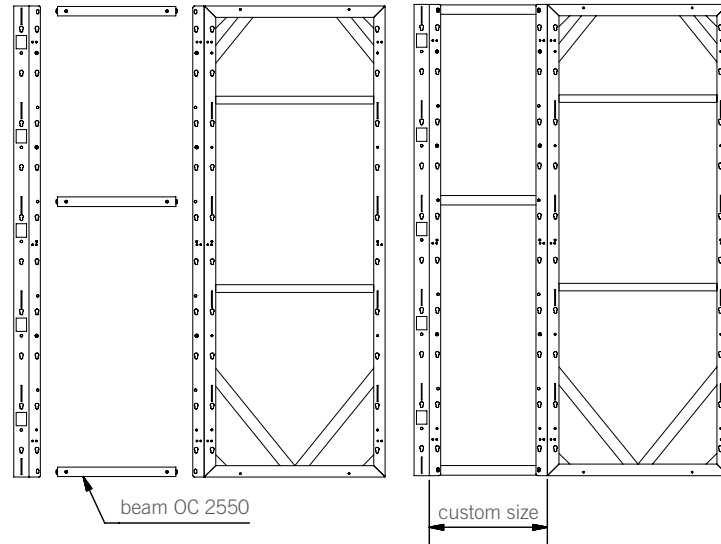
- Overall width: 4000
- Overall height: 4000
- Top horizontal segments: 1976, 1816
- Bottom horizontal segments: 1896, 1896
- Left vertical segments: 1896, 1896
- Right vertical segments: 1876, 1896
- Internal horizontal segments: 950, 950, 950, 435, 435
- Internal vertical segments: 950, 946, 950, 950
- Quarter-circle cutout radius: 1816

Mounting of custom size frame

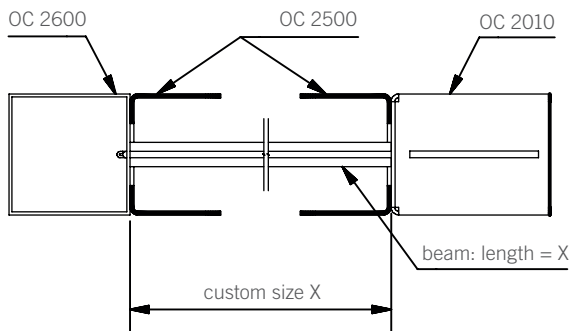
1. Mounting of lateral parts OC 2500



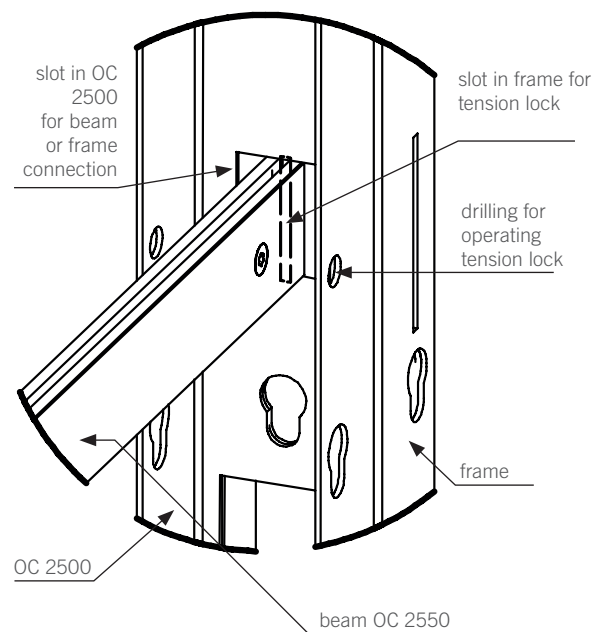
2. Mounting of beams to frame or upright



Detail beam length



Detail mounting of beam

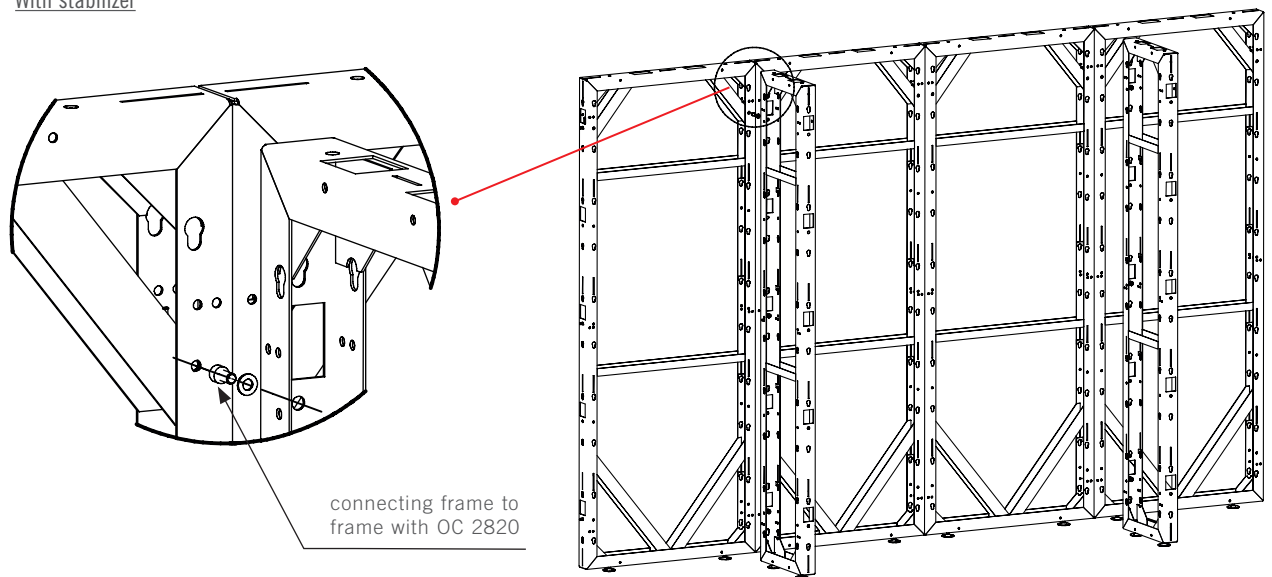


Information:

- The custom size is determined by the length of the beam extrusion.
- The beam extrusion should not be longer than 1000 mm.
- Custom dimension frames always need to be installed between two standard frames, uprights, or a frame and an upright.

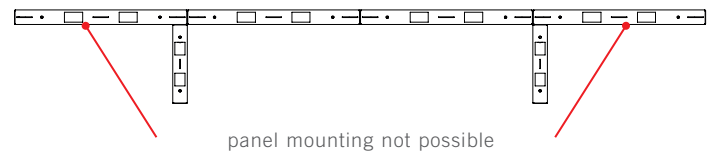
Example for bracing

With stabilizer

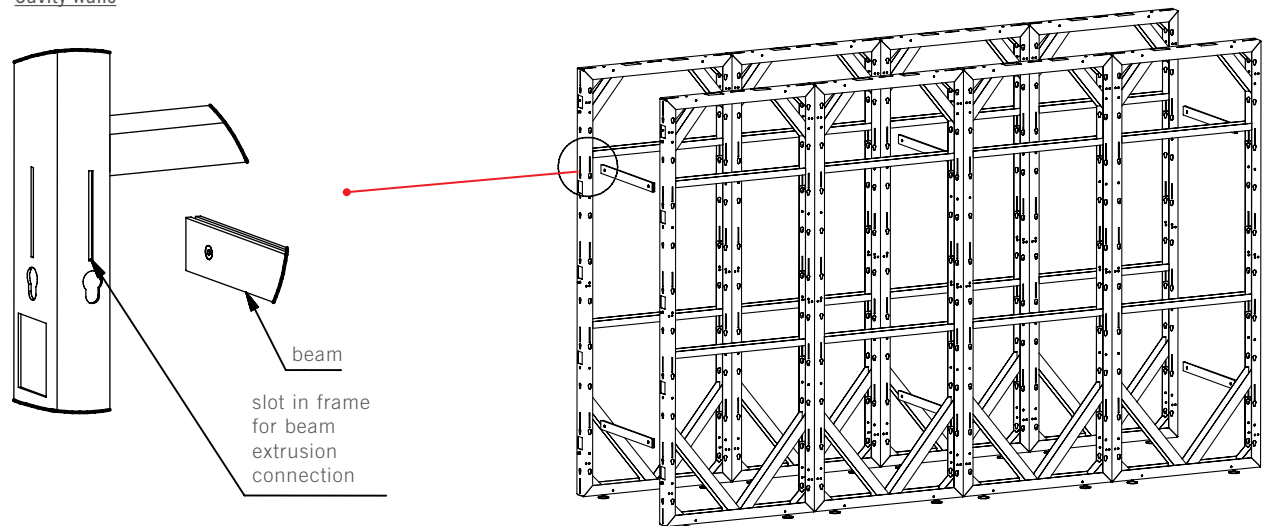


Information:

- With a 90 °connection frame to frame without the use of uprights, it is not possible to mount wall panels on this frame side!

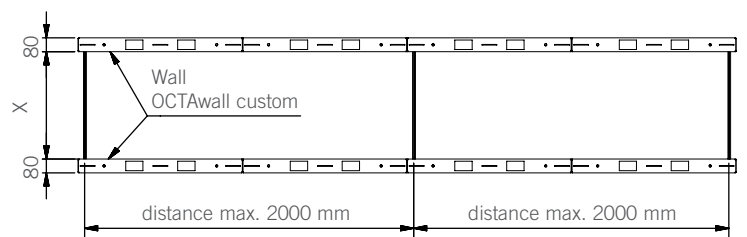


Cavity walls



Information:

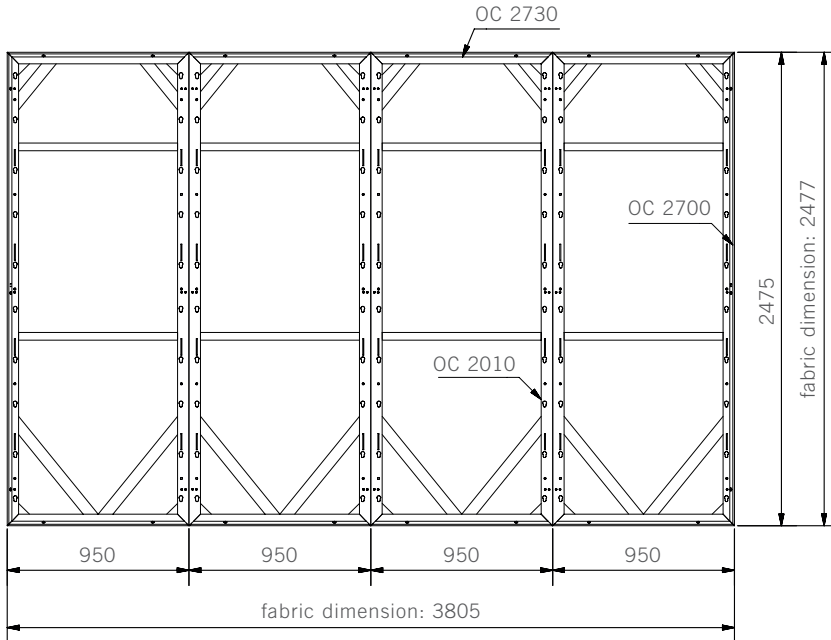
- X = beam extrusion length
The length X between the frame elements should not exceed 1000 mm.



TECHNICAL INFORMATION

Bracing | Fabric dimension | Mounting door

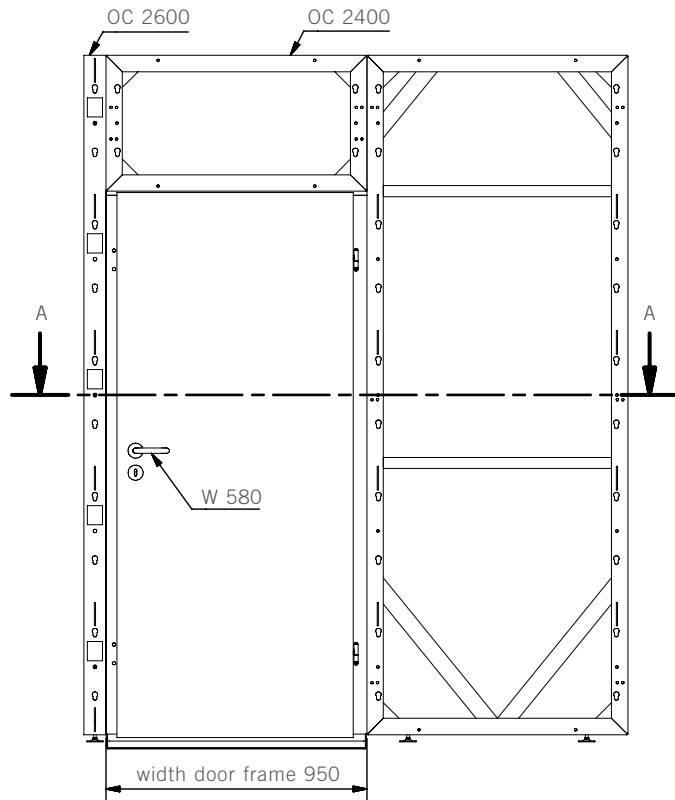
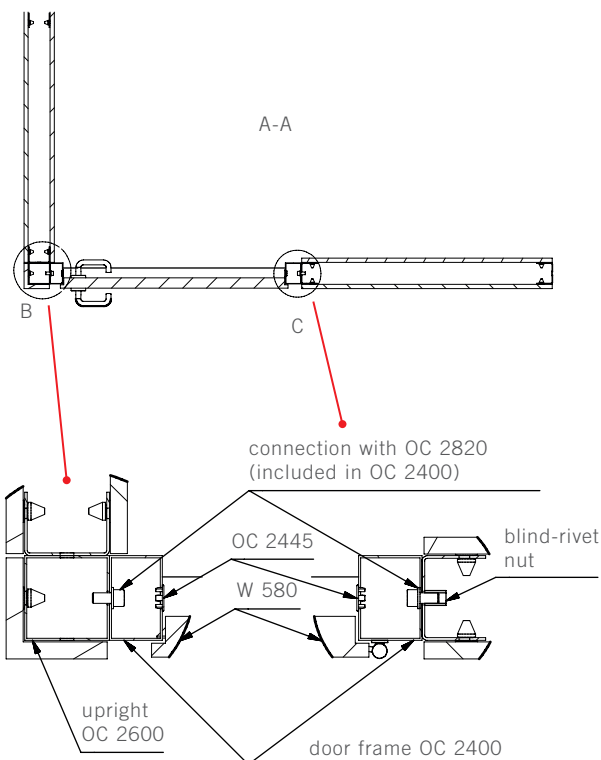
Example 4 frames with a width of 950 mm



How to calculate fabric dimensions:

- **Formula:**
outer dimensions of frame construction (mm) + 1 mm per frame + 1 mm = fabric dimension
- **Example:**
Width: $4 \times 950 \text{ mm} + 4 \times 1 \text{ mm} + 1 \text{ mm} = 3805 \text{ mm}$
Height: $1 \times 2475 \text{ mm} + 1 \times 1 \text{ mm} + 1 \text{ mm} = 2477 \text{ mm}$

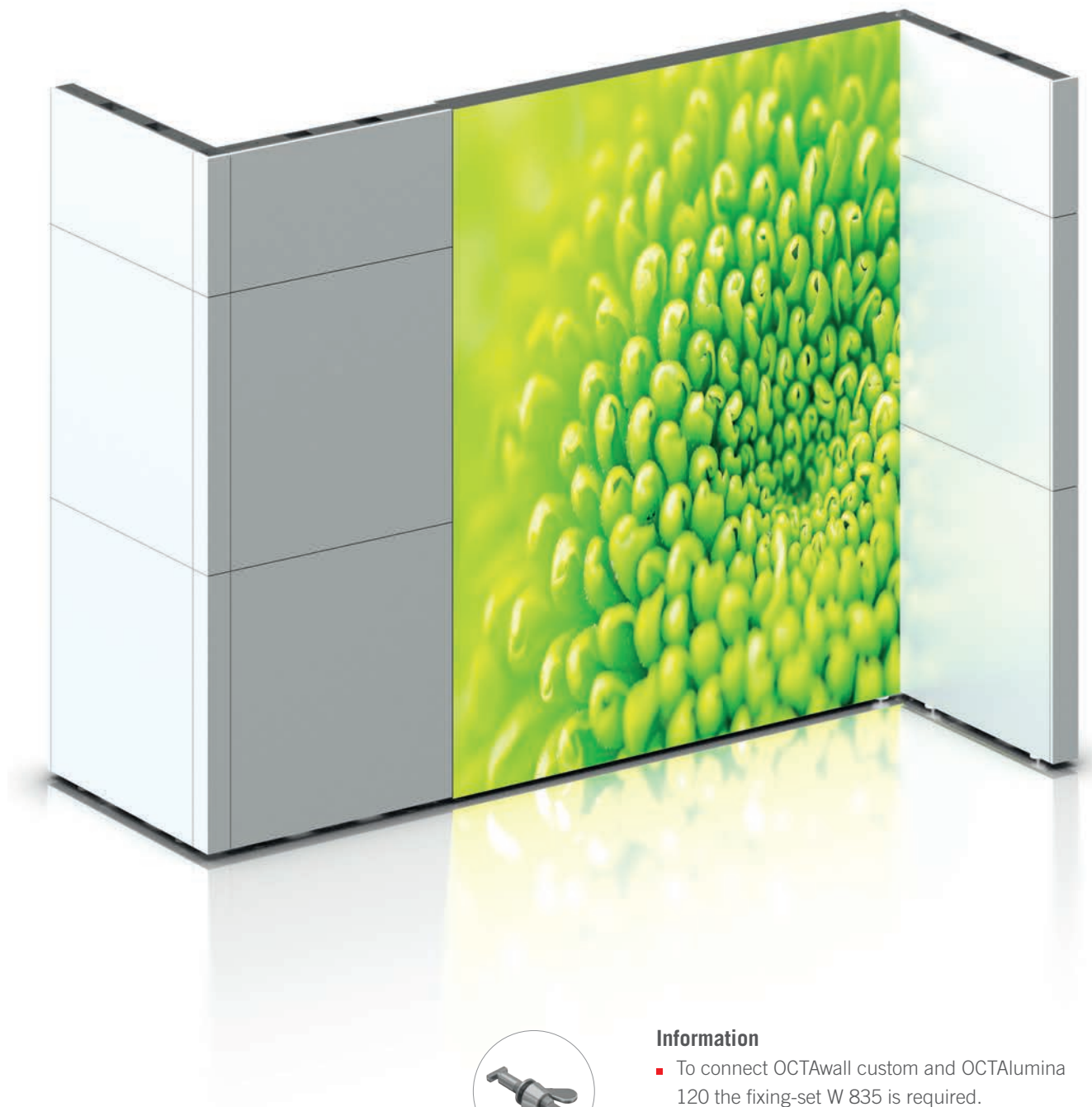
Door installation (OC 2400 + W 580 / W 581)



Combination OCTAlumina and OCTAwall custom

Two trends, perfectly combined:

A conventional look and backlit graphics are very popular. With OCTAwall custom and OCTAlumina 120, you can now combine these two trends and create a modern, aesthetically pleasing and eye-catching advertisement space.



W 835 fixing-set

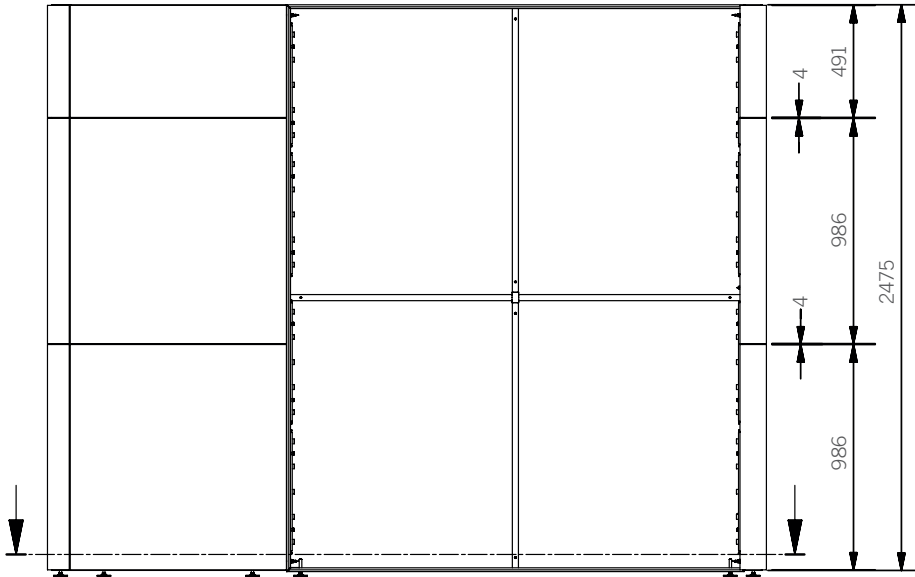
Information

- To connect OCTAwall custom and OCTAlumina 120 the fixing-set W 835 is required.

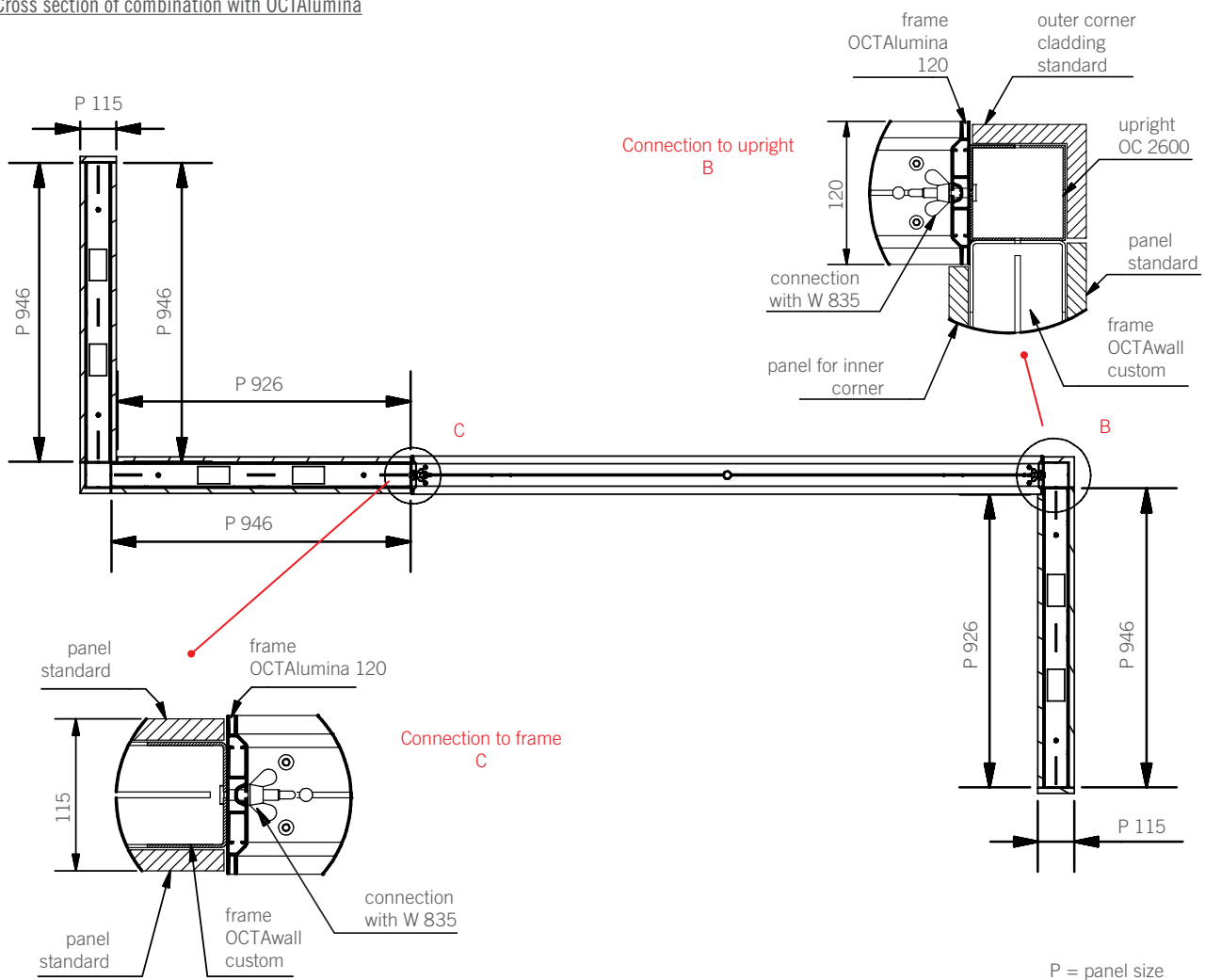
TECHNICAL INFORMATION

Combination with OCTAlumina 120

Frontal view of combination with OCTAlumina

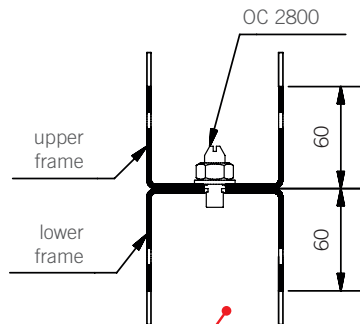


Cross section of combination with OCTAlumina

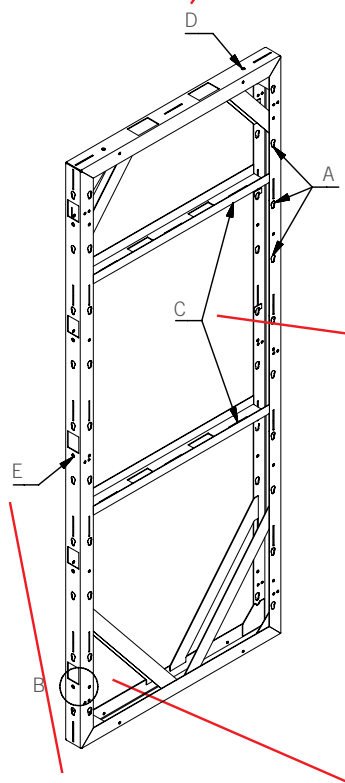
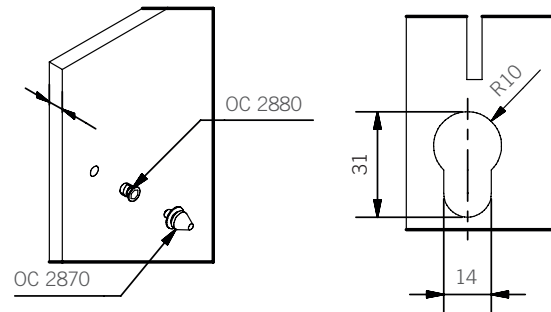


Example: Adaption possibilities for OC 2010 frame element

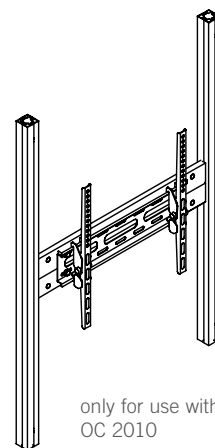
Vertical frame connection with OC 2800 (D)



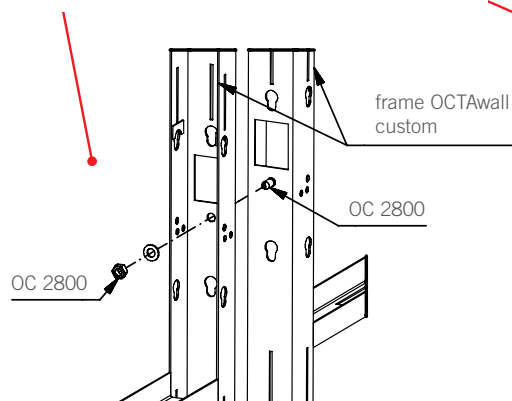
Panel connection with OC 2870 (A)



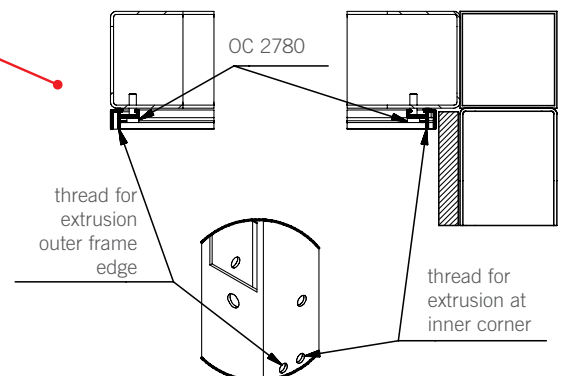
Monitor mount OC 2900 (C)



Horizontal frame connection with OC 2800 (E)



Mounting fabric suspension extrusion OC 2700 (B)

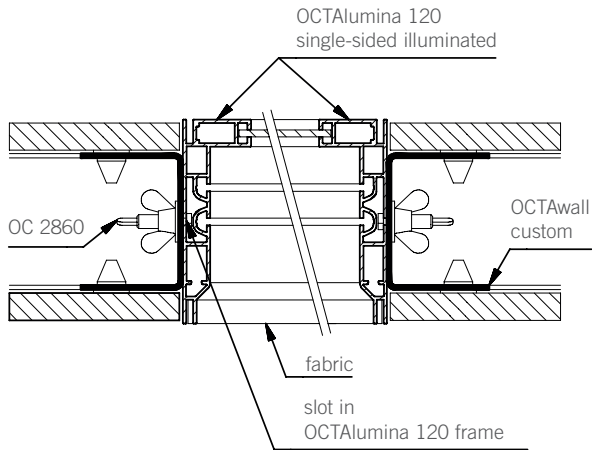


TECHNICAL INFORMATION

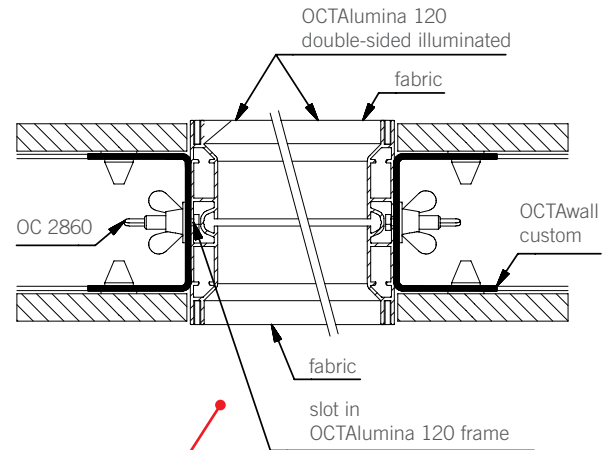
Adaption possibilities

Adaption of system parts with OC 2860

Installing OCTAlumina 120 single-sided

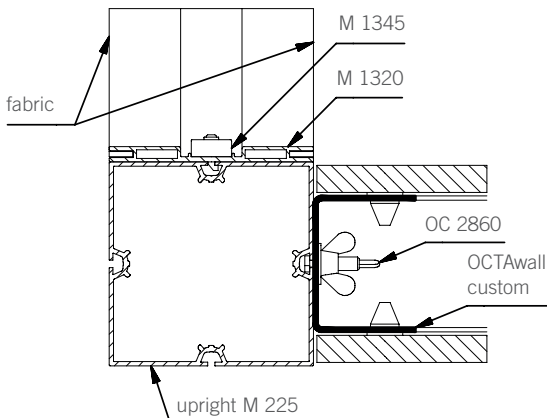


Installing OCTAlumina 120 double-sided

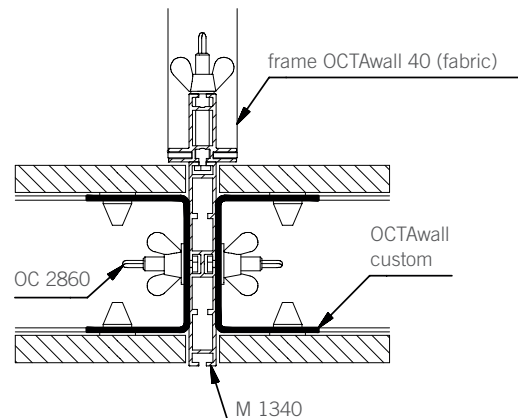


Fixing-set
OC 2860

Connection with upright + tension fabric wall

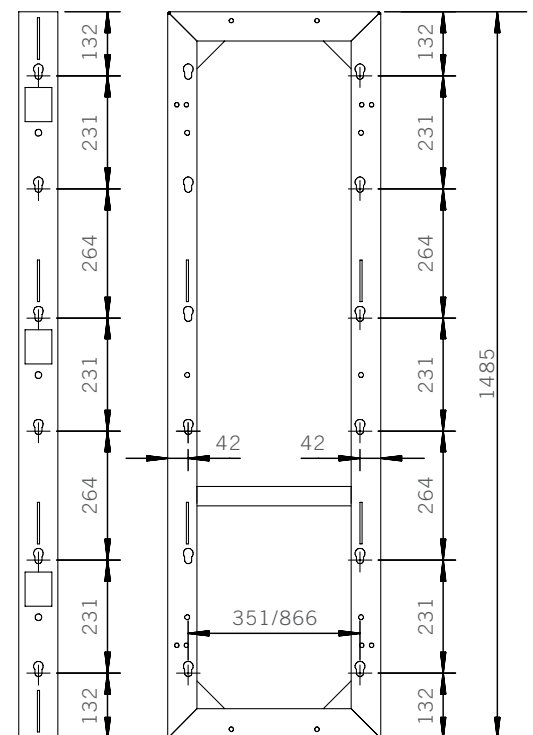


90° connection of OCTAwall 40



Technical drawing of a rectangular table, showing the top view and side elevation. The table has a length of 2475 mm and a width of 866 mm. The drawing includes dimensions for the table top, legs, and the distance between the legs. The table top is divided into sections with dimensions 132, 231, 264, 231, 264, 231, 264, 231, 264, 231, and 132 mm. The distance between the legs is 351 mm. The drawing also shows the assembly details, including the screws and the way the legs are attached to the table top.

Technical drawing of a mechanical part (Fig. 1.10) showing a front view. The part has a total width of 14 and a total height of 132. A vertical section on the left is 31 wide. A horizontal section at the bottom is 14 wide. The top surface is sloped, with a radius of R10 at the top right corner and a radius of R7 at the bottom right corner. The drawing includes dimension lines and arrows indicating the measurements.

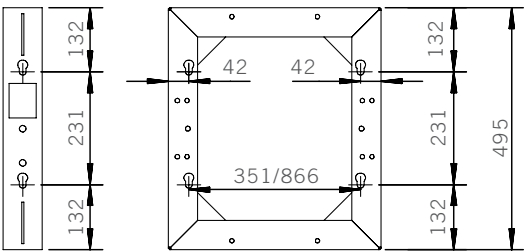
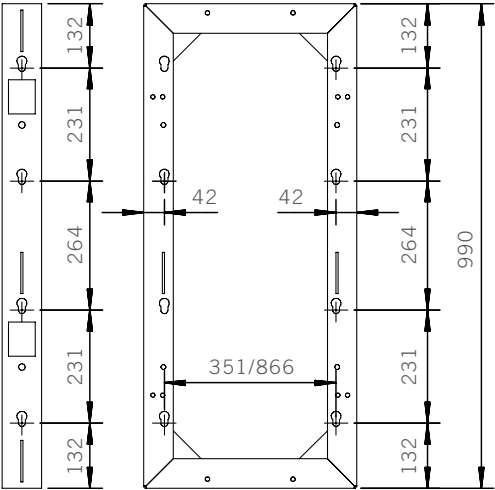


TECHNICAL INFORMATION

Mount points | Article numbers

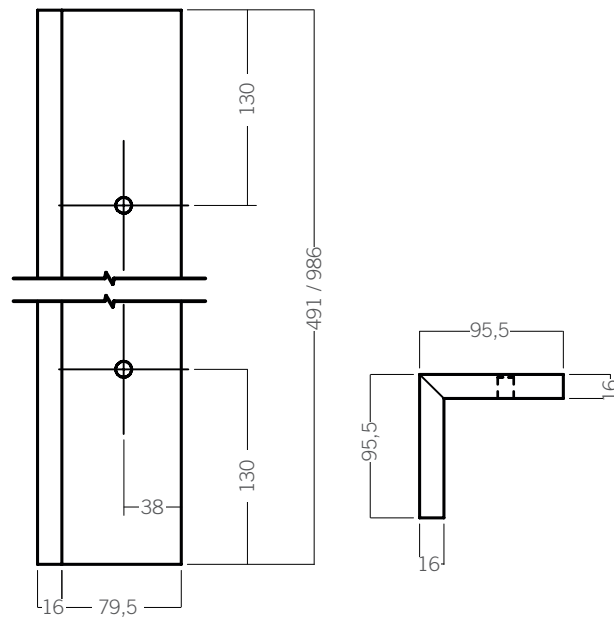
Article numbers:

HEIGHT (MM)	WIDTH 950 MM	WIDTH 435 MM	UPRIGHT
2475	OC 2010	OC 2050	OC 2600
1485	OC 2110	OC 2150	OC 2160
990	OC 2210	OC 2250	OC 2620
495	OC 2310	OC 2350	OC 2630



Drilling pattern for outer corner cladding and wall front end

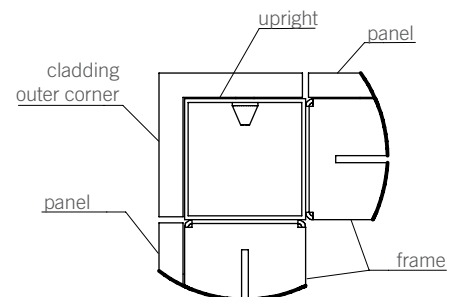
Cladding outer corner



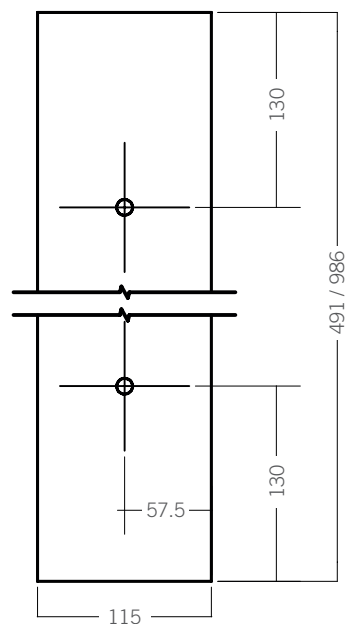
Information:

- **Drilling:** Ø10 mm, depth: 13.5 mm
All drillings have to be fitted with threaded insert OC 2880.
- **Panels:** recommended panel material: chipboard
Measurements are for panels with a depth of 16 mm.

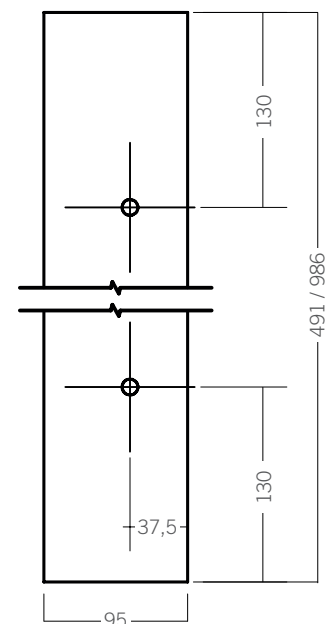
Example for cladding outer corner



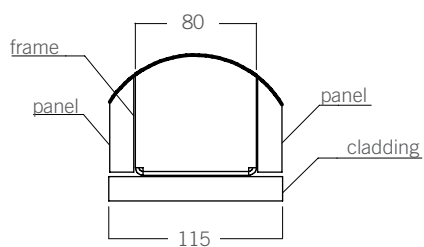
Cladding front end for double-sided panels



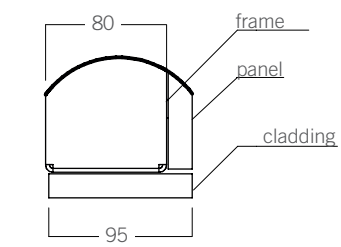
Cladding front end for single-sided panels



Mounting example



Mounting example

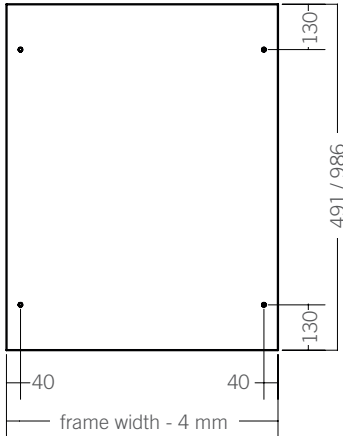


TECHNICAL INFORMATION

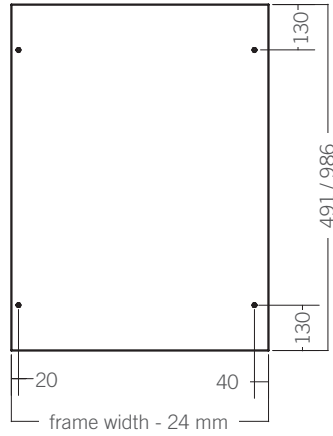
Drilling pattern | Panel size | Clearances

Drilling pattern for panel mounting

Panel standard



Panel inner corner



Information:

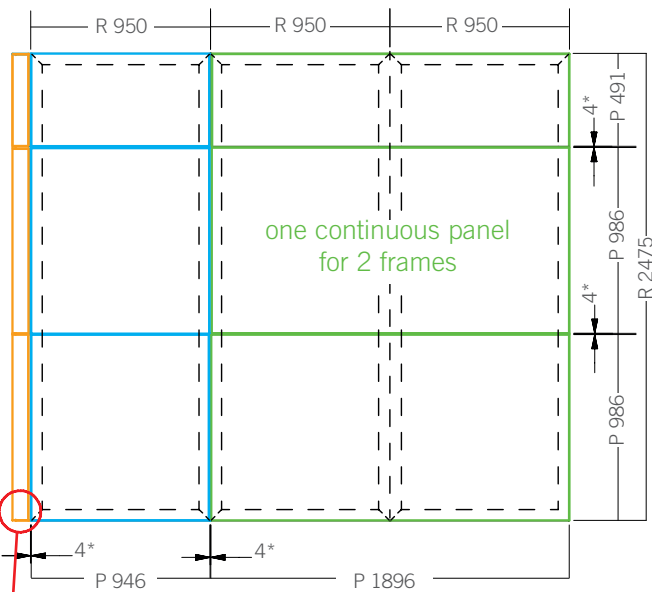
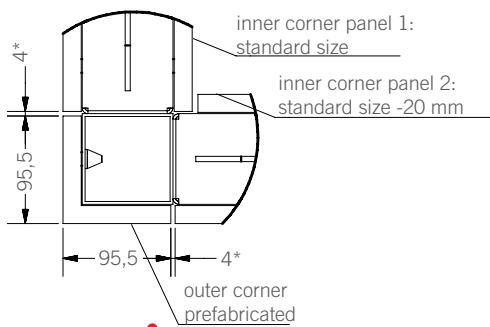
- **Drilling:** Ø10 mm, depth: 13.5 mm
All drillings have to be fitted with threaded insert OC 2880.
- **Panels:** recommended panel material: chipboard
Measurements are for panels with a depth of 16 mm.

Recommended panel sizes

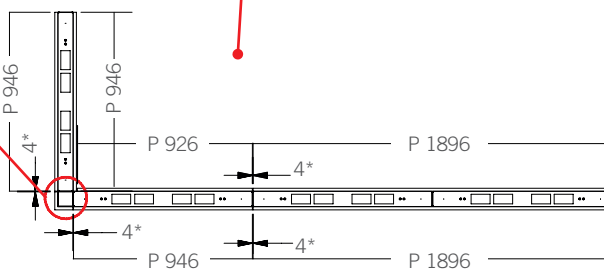
Panel size:

- **Width:**
one continuous panel for 2 frames is possible
- **Width measurements:**
outer frame (1 or 2 pcs) -4 mm
- **Height:**
standard grid: 986, 986, 491 mm
other grids are possible

Detail outer corner



Cross section outer corner



R = frame dimension
P = panel dimension
* = clearance width



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