

A diagram of a rectangular frame with a grey header section. The frame is composed of multiple thin, parallel lines in blue and green. Five numbered callouts in red circles are connected to specific parts of the frame by red lines: 1 points to the top-left corner, 2 points to the left vertical edge, 3 points to the top horizontal edge of the grey header, 4 points to the bottom horizontal edge of the grey header, and 5 points to the bottom horizontal edge of the main frame.

Technical drawing of a window frame. Callout 11 points to the left side frame. Callout 12 points to the top frame. The text "Sonnenschutz ALB" is written in the upper part of the frame. The drawing shows a large rectangular frame with a smaller rectangular area at the top containing the text. The frame is outlined in blue, and the text is in red. The background is white with green crosshairs at the corners.

Technical drawing of a window frame. The drawing shows a rectangular frame with a central opening. The frame is divided into three horizontal sections: a top section (labeled 1), a middle section (labeled 2), and a bottom section (labeled 6). The frame is also divided into three vertical sections: a left section (labeled 1), a middle section (labeled 6), and a right section (labeled 7). The frame is shown in a perspective view, with the top and bottom edges slightly angled. The frame is surrounded by a green border. The drawing includes dimension lines and labels for the various parts of the frame.

Technical drawing of a window with a sun protection system (Sonnenschutz ALB). The drawing shows a vertical window frame with a sun protection system installed. The system consists of a top section (1) and a bottom section (2). The top section (1) is a dark grey rectangular panel. The bottom section (2) is a white rectangular panel with a diagonal line indicating a fold or a break. The window frame is shown in blue, and the surrounding wall is in light green. The drawing is labeled with numbers 1 through 7, corresponding to the parts of the system and the window frame.

Technical drawing of a window frame. The frame is rectangular with a central opening. The top and bottom sections are shaded gray. The central opening is divided into two parts by a horizontal line. The top part is a triangle, and the bottom part is a rectangle. The frame is labeled with dimensions and numbers:

- 8**: Dimension of the top section.
- 10**: Dimension of the bottom section.
- 1**: Dimension of the side section.
- 7**: Dimension of the bottom section.

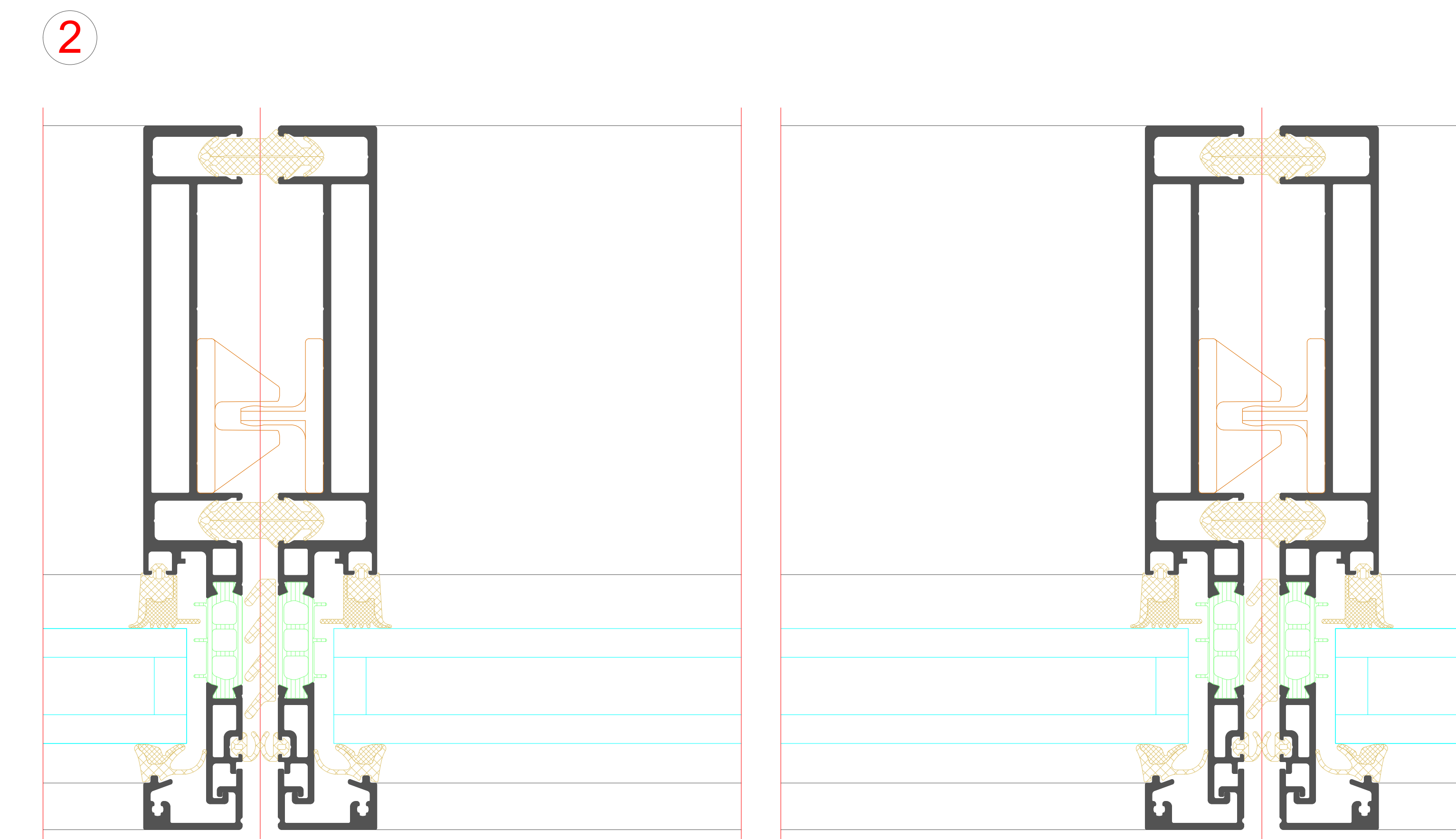
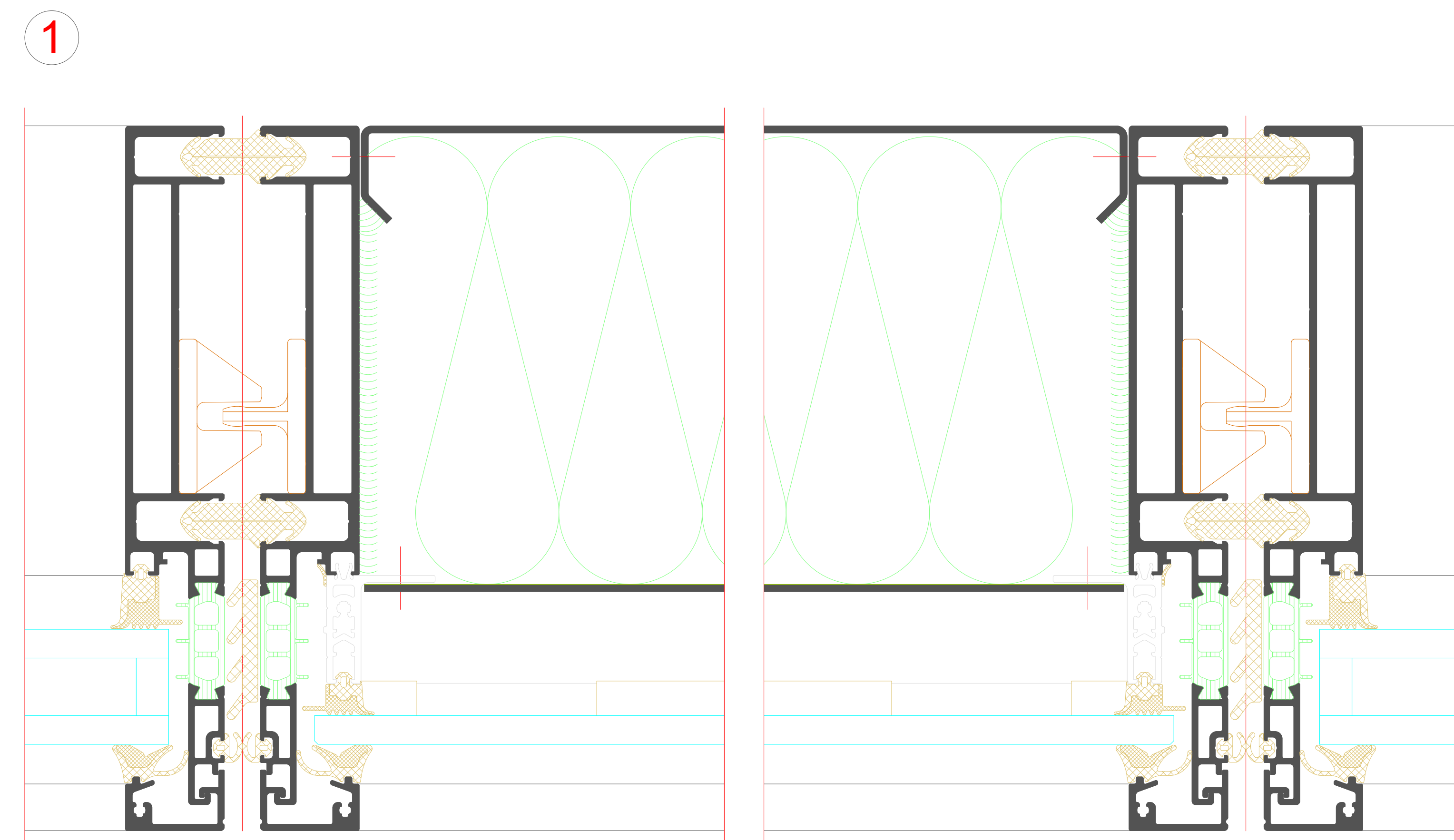
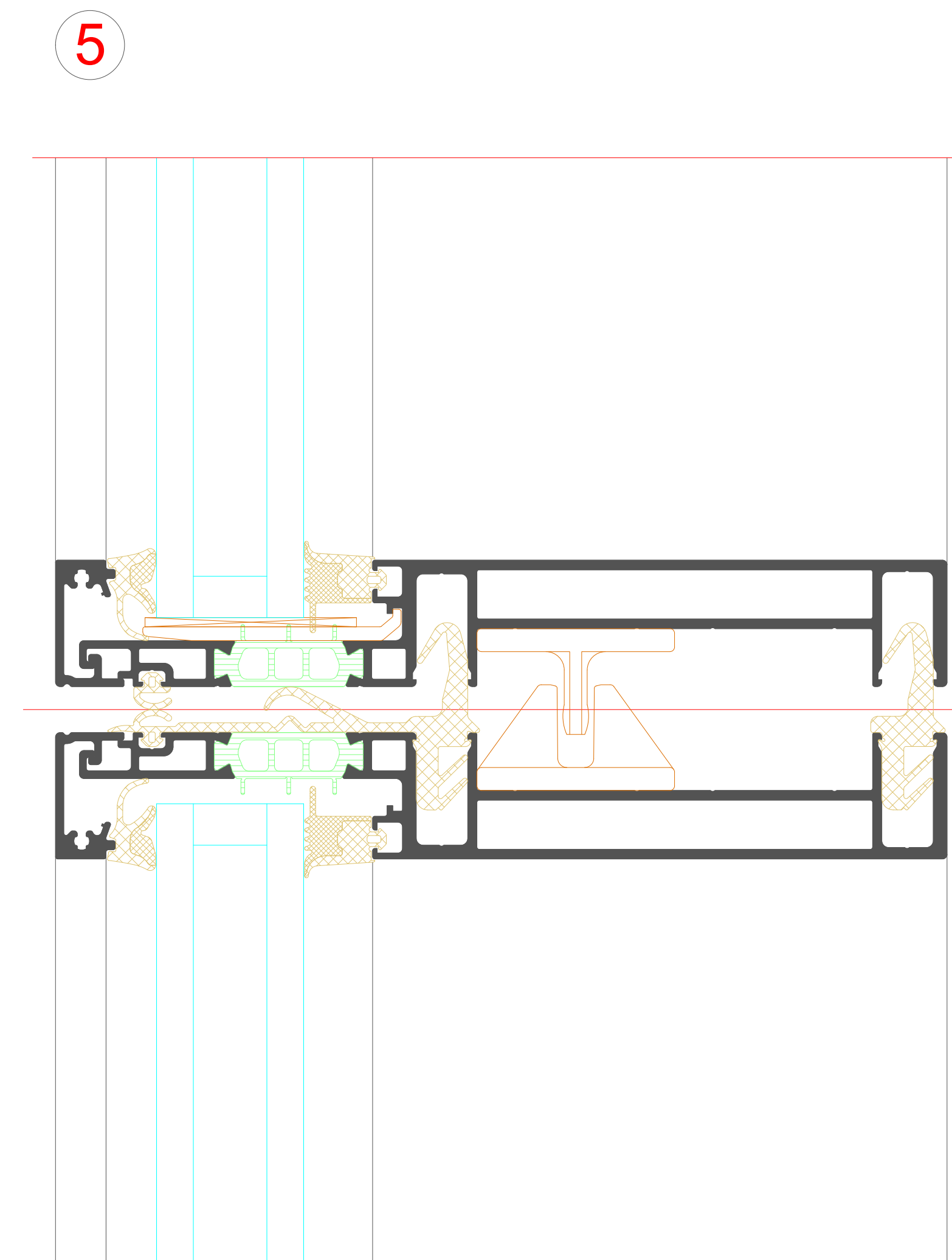
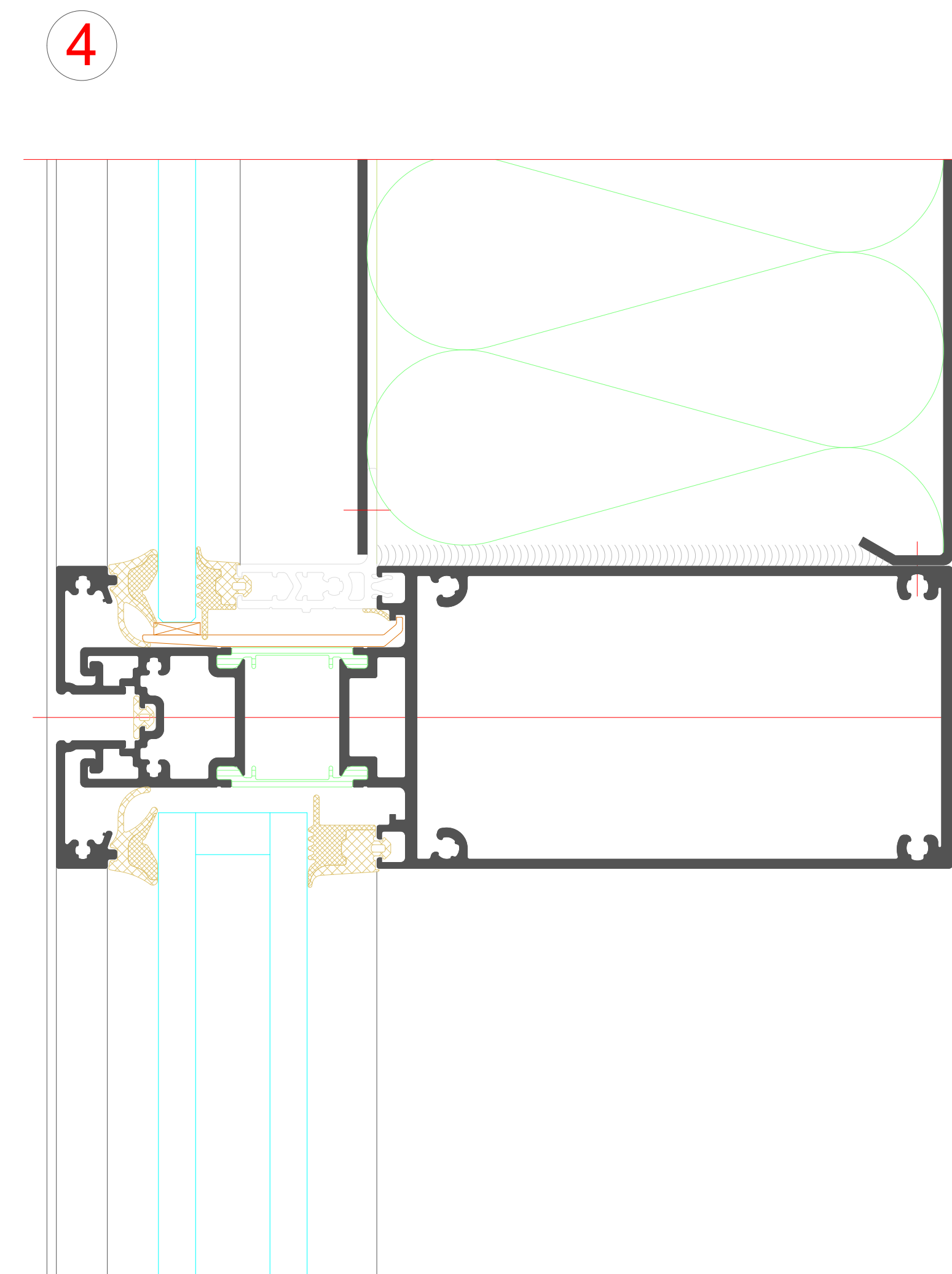
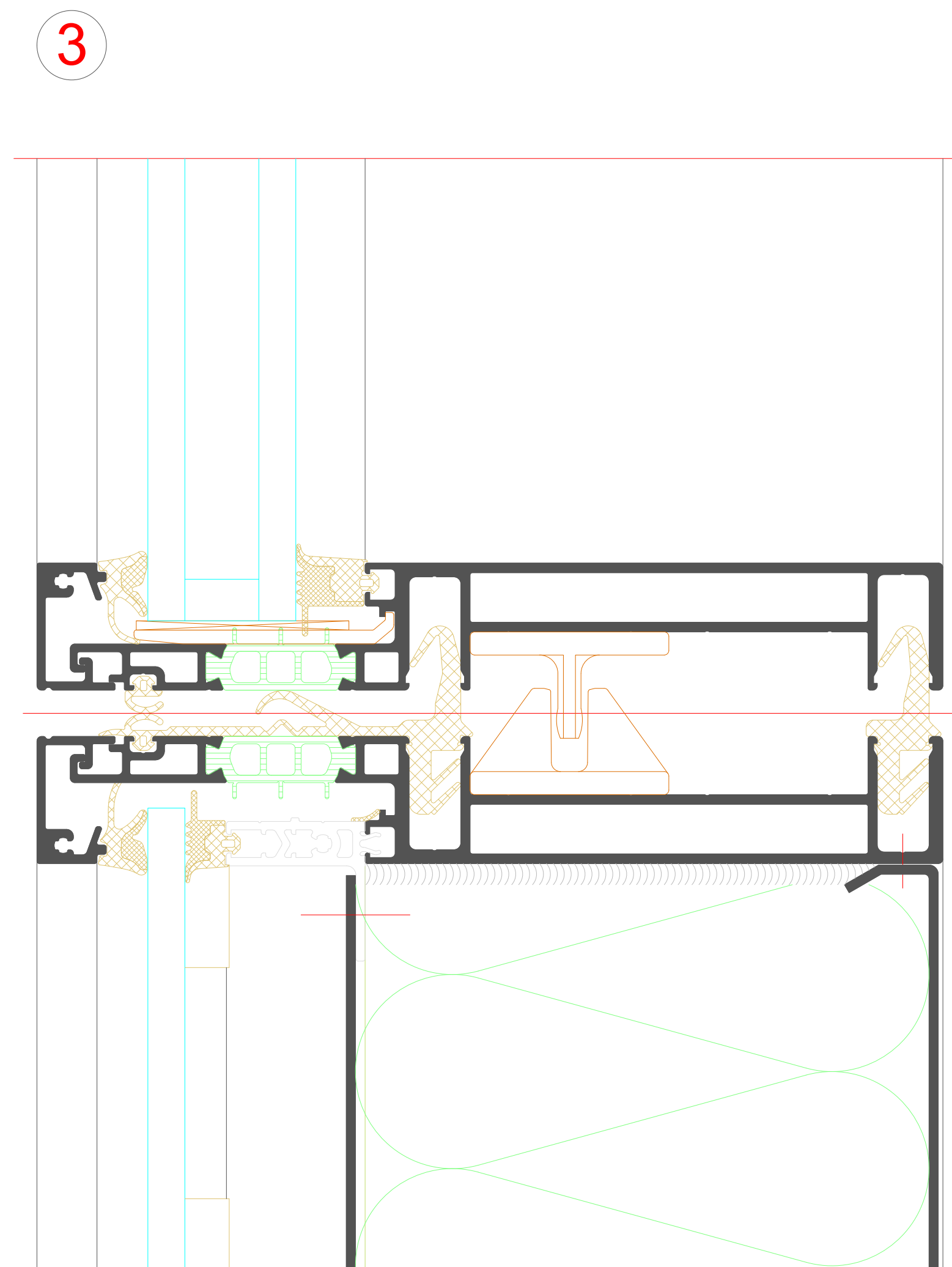
The text **Sonnenschutz ALB** is written on the top section.

Tests and standards	
Wärmedämmung nach DIN EN ISO 10077 , T2 *	Uf = 1,4 - 2,0 W/(m²K)
Thermal insulation in accordance with DIN EN ISO 10077, part 2	
Luftschalldämmung nach EN ISO 717-1 **	bis Rw 46 dB
Airborne sound insulation in accordance with EN ISO 717-1	Up to Rw 46 dB
Einbruchhemmung nach DIN V ENV 1627	Klasse WK2
Burglar resistance in accordance with DIN V ENV 1627	Class WK2
Luftdurchlässigkeit nach EN 12153	Klasse AE
Air permeability in accordance with EN 12153	Class AE
Schlagregendichtheit nach EN 12155	Klasse RE 1200
Watertightness in accordance with EN 12155	Class RE 1200
Windlastwiderstand nach EN 12179	± 1,5 kN/m²
Wind load resistance in accordance with EN 12179	± 2,25 kN/m²
Stoßfestigkeit nach EN 13049, Belastung von innen / außen	Klasse I5 / E5
Impact resistance in accordance with EN 13049, load from inside / outside	Class I5 / E5

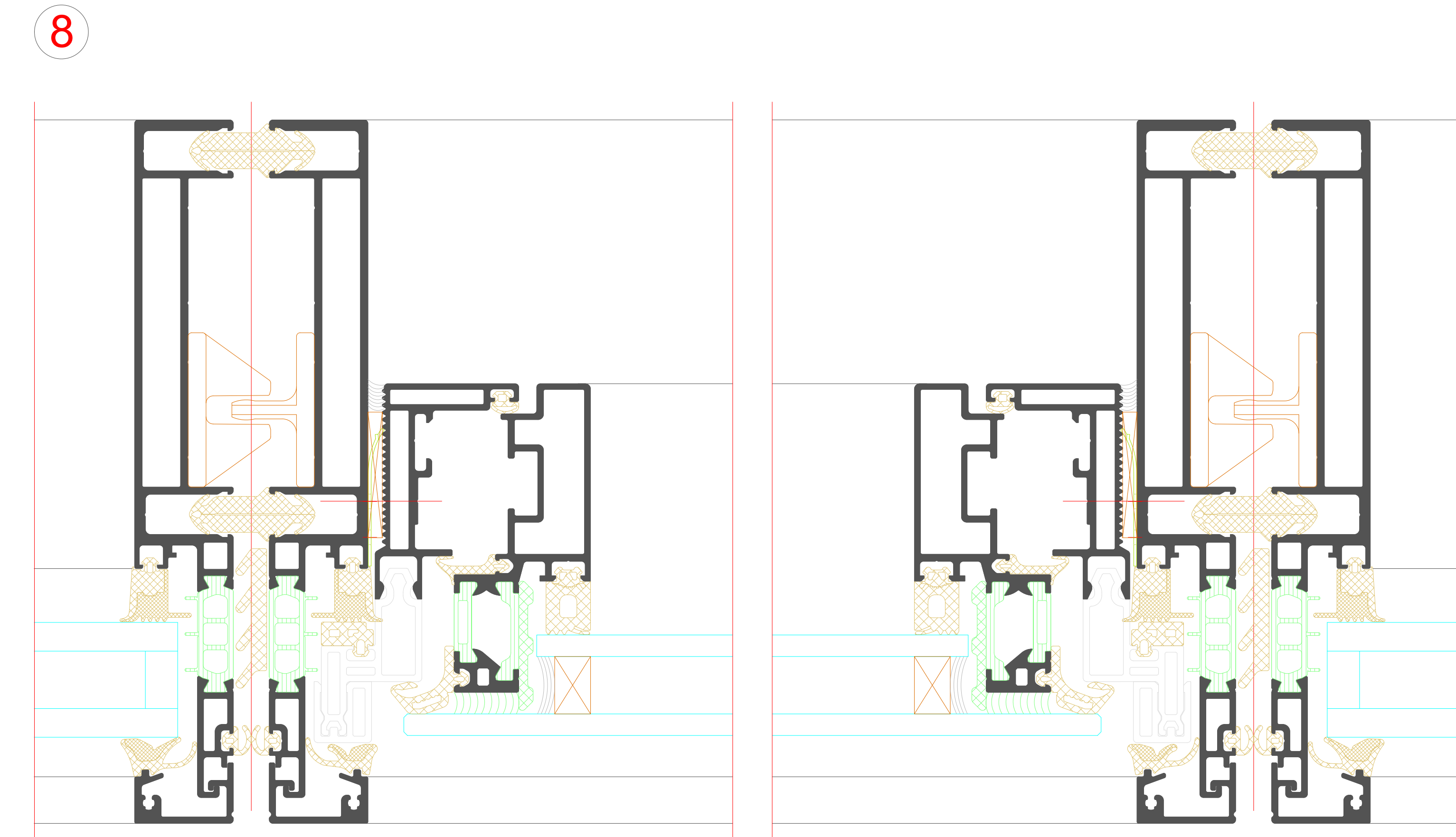
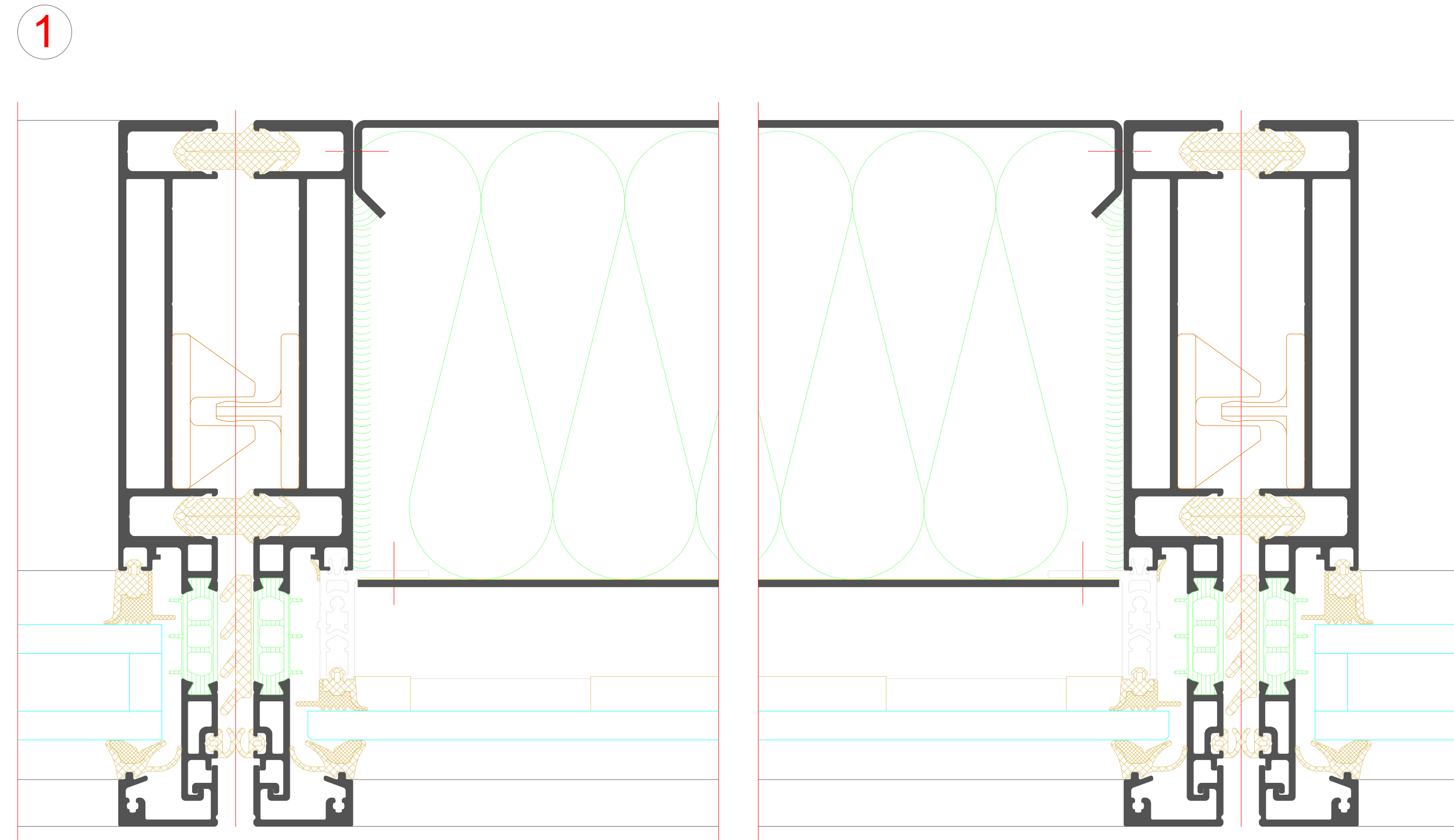
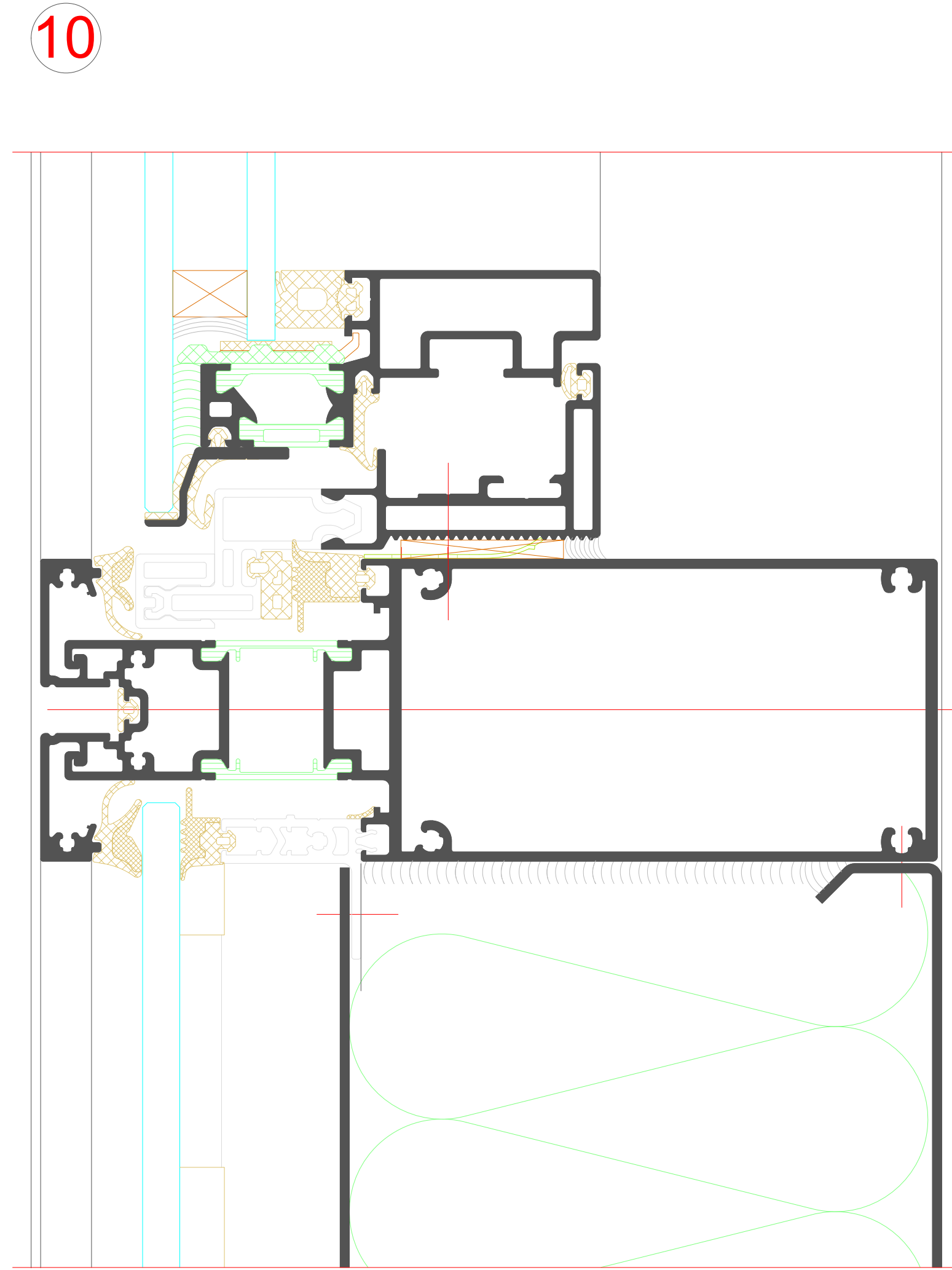
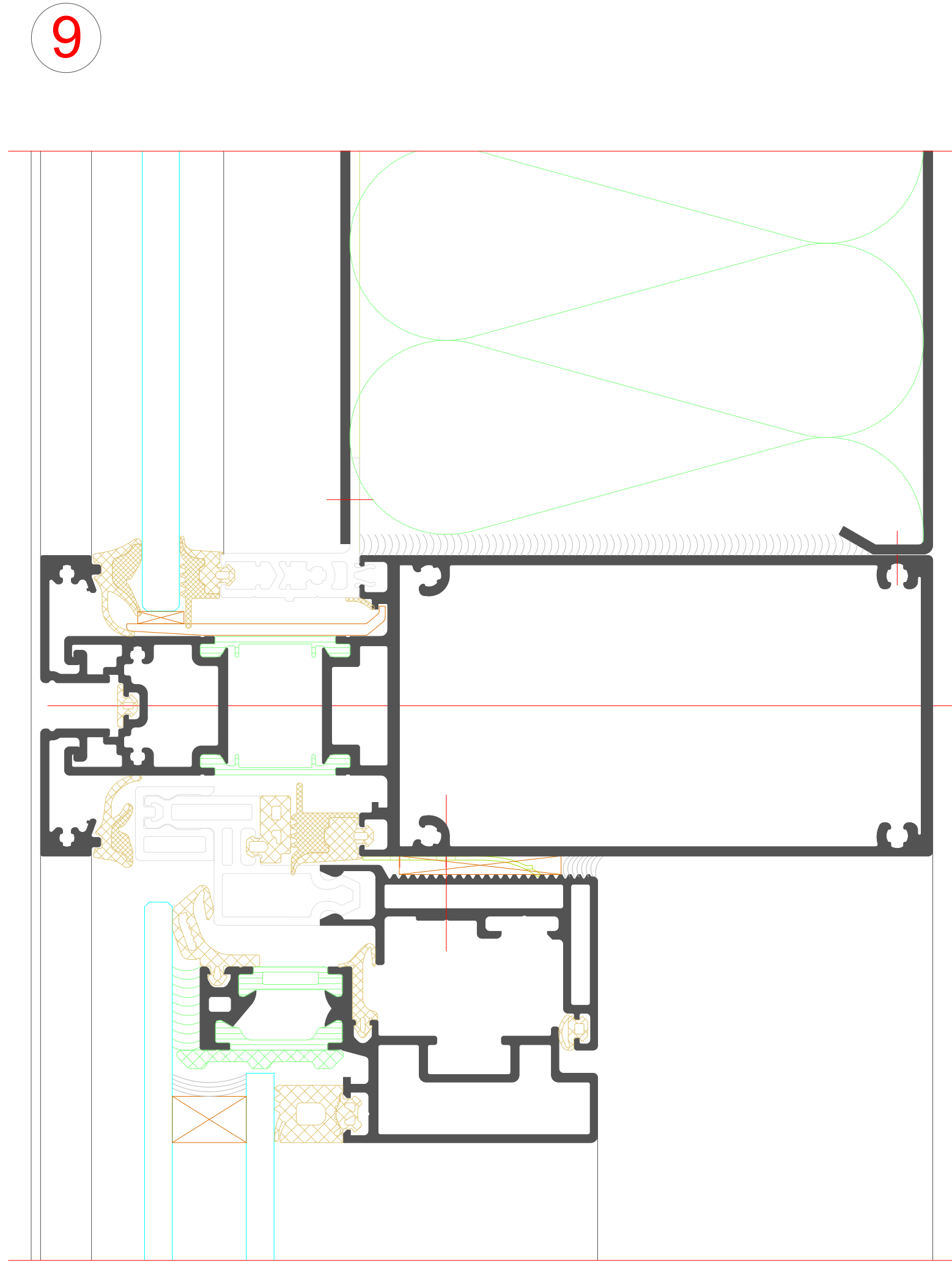
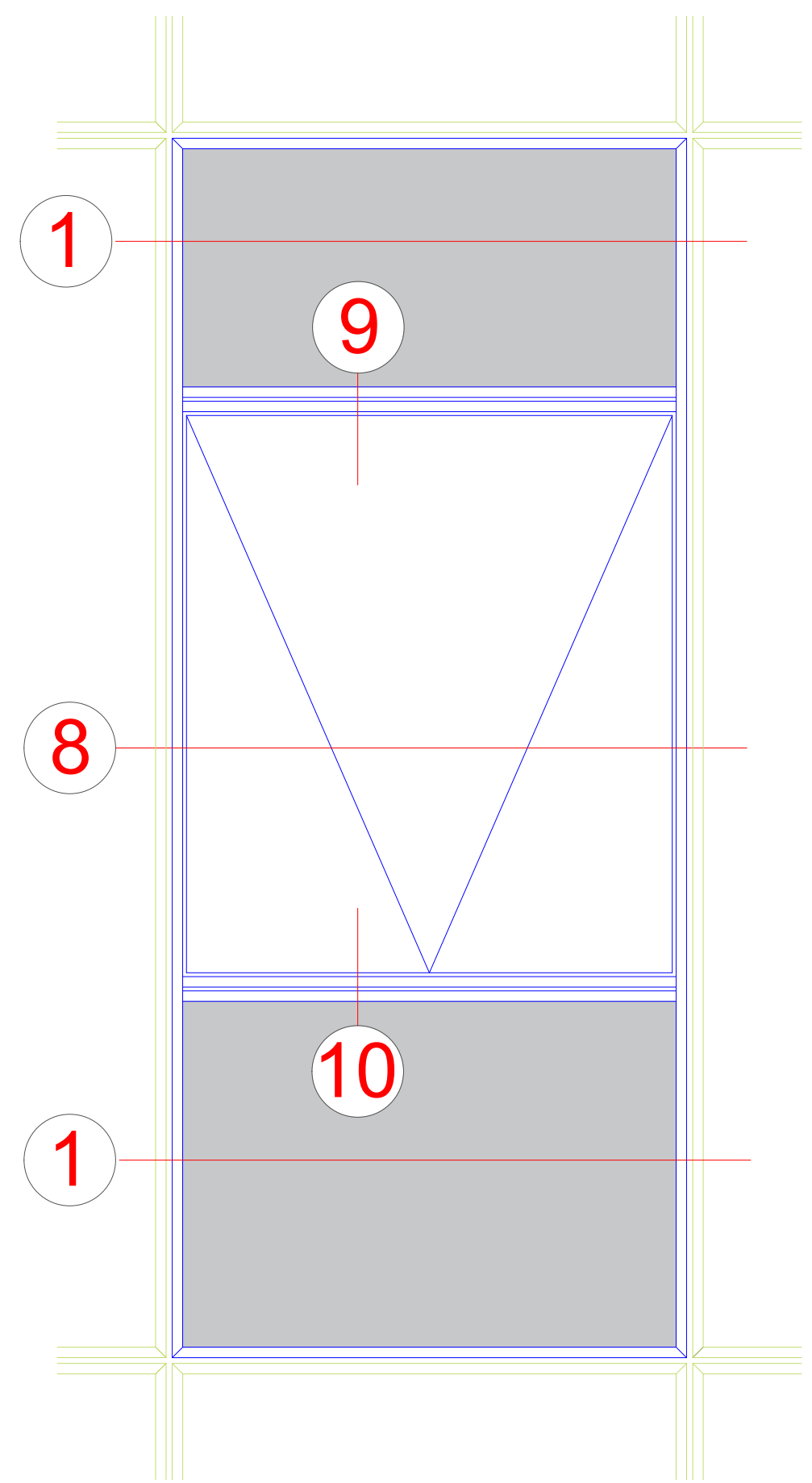
*** Die Angaben beschreiben die Bestwerte des Gesamtsystems.
Die Eigenschaften einer jeweils gewählten Ausführungsvariante oder
Elementkombination sind im Einzelfall anhand der ausführlichen
Prüfdokumentation zu bestimmen.

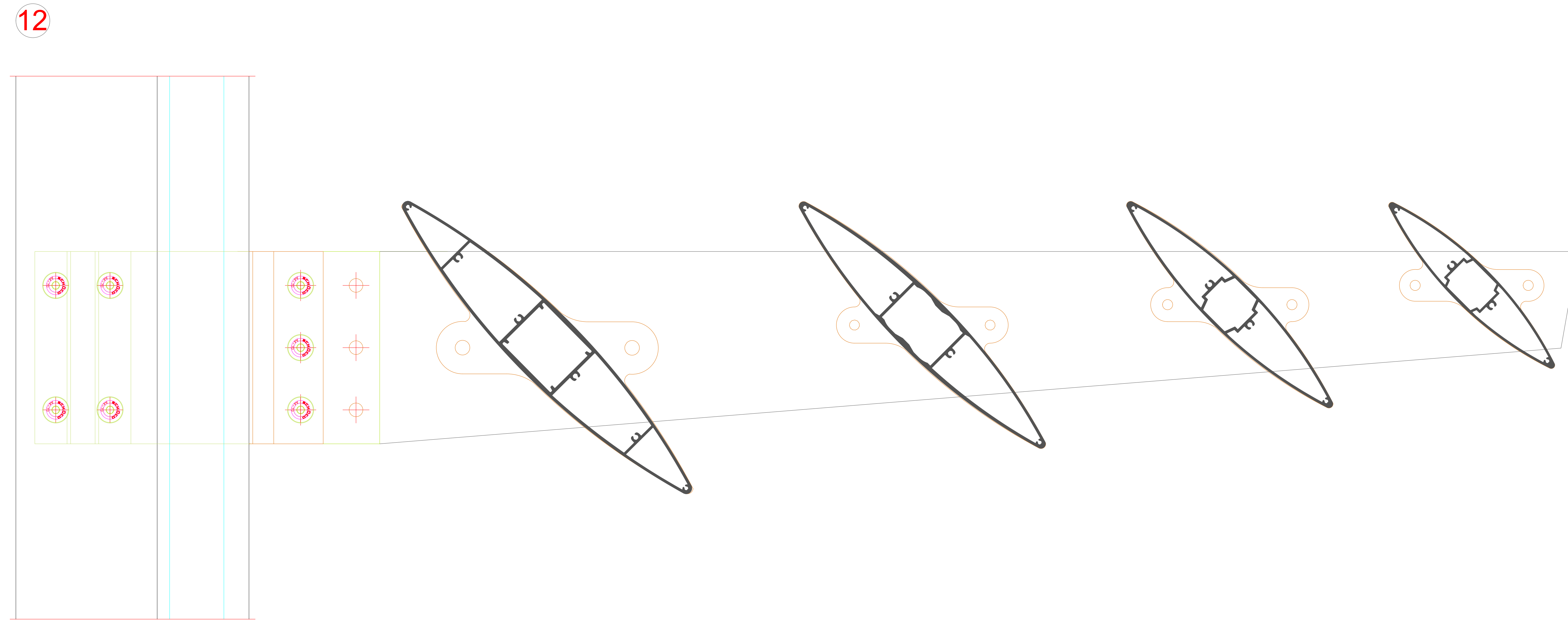
The information describes the optimum values of the entire system.
The properties of a selected design option or unit combination have to be determined
individually based on the comprehensive test documentation.

Standardelement
Standard unit



Standardelement mit AWS 114 SG
Standard unit with AWS 114 SG

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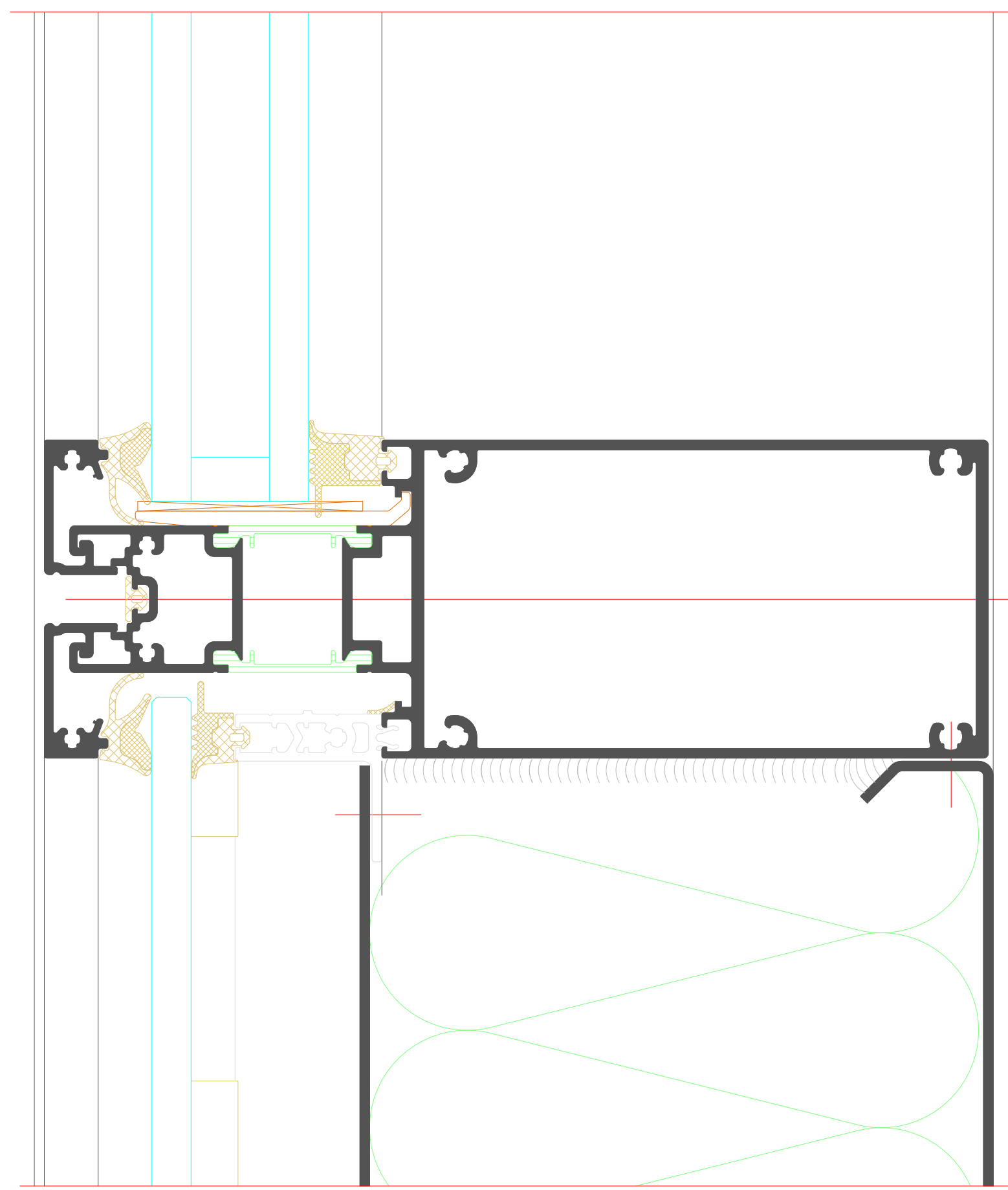
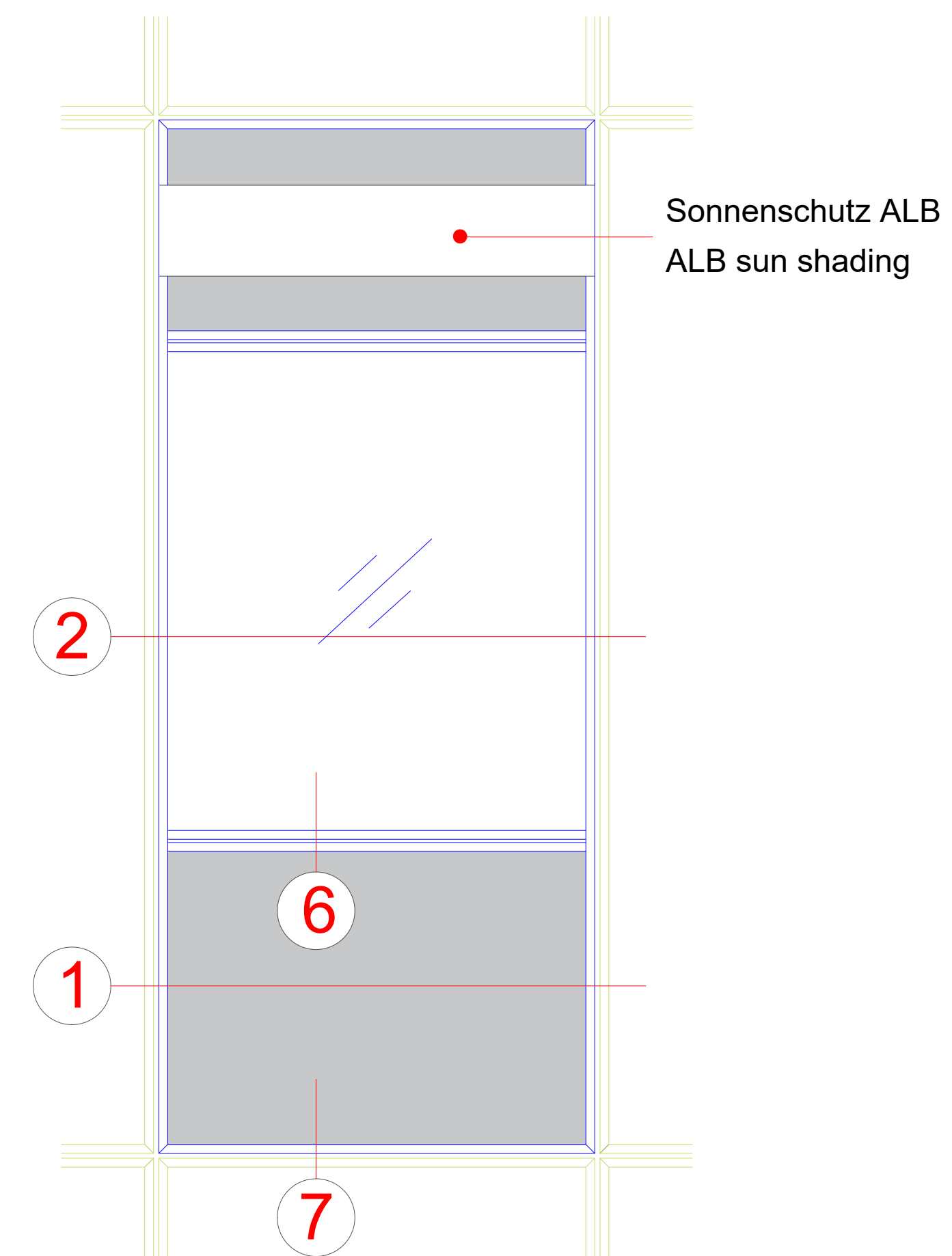
**BENEDICT
+ RIVA**

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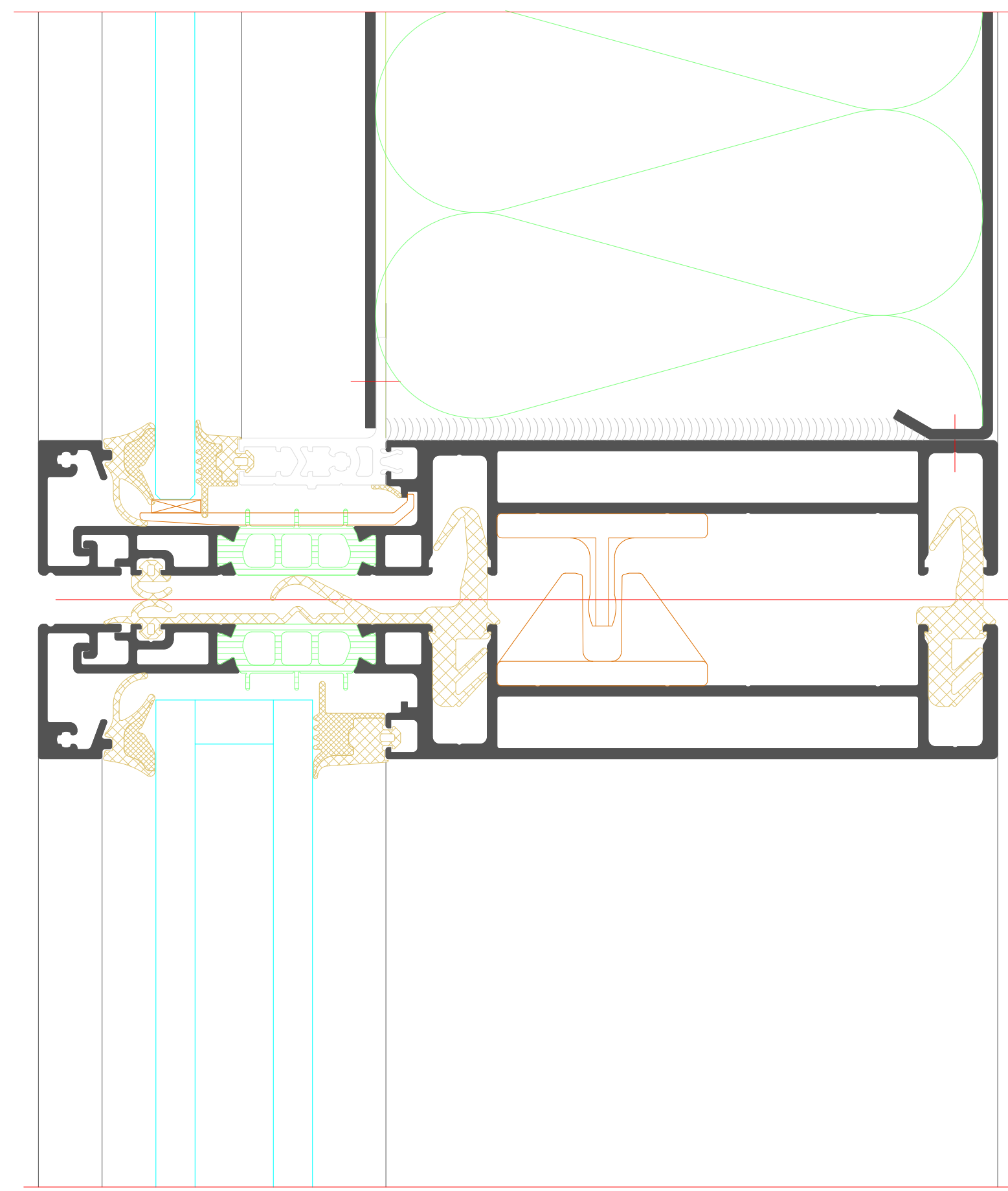
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Standardelement mit Brüstungsriegel & ALB
Standard unit with spandrel transom and ALB

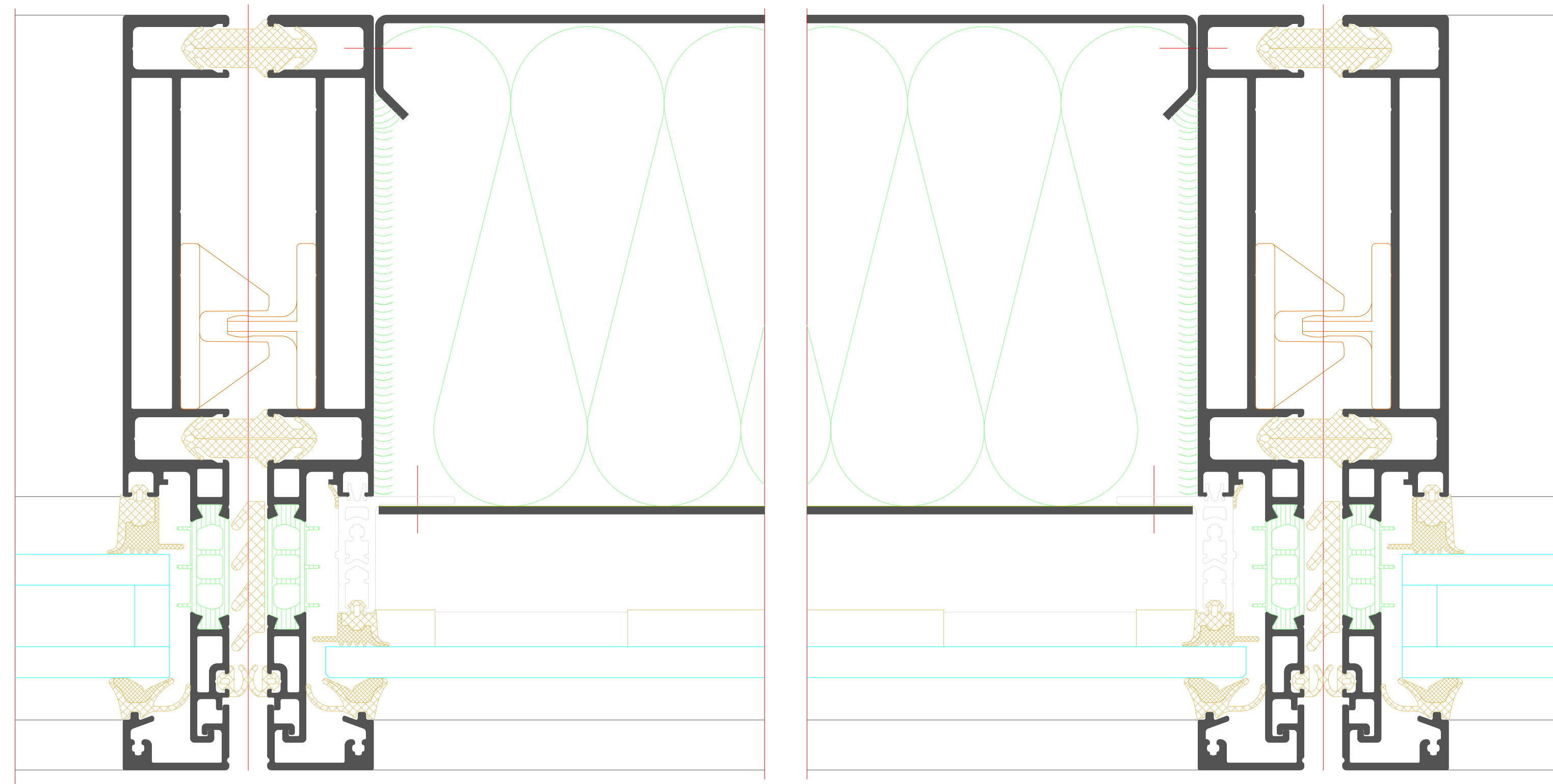
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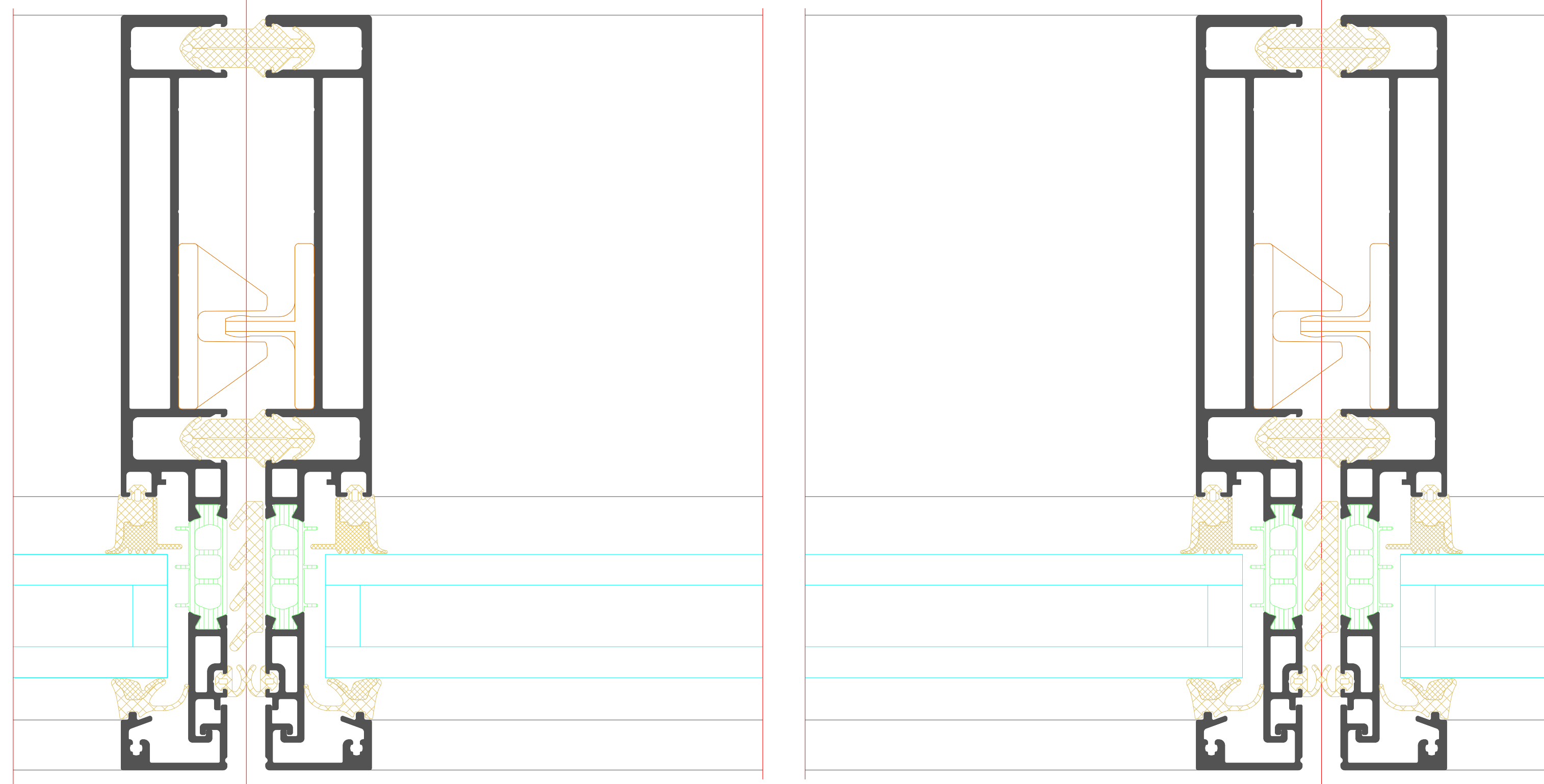
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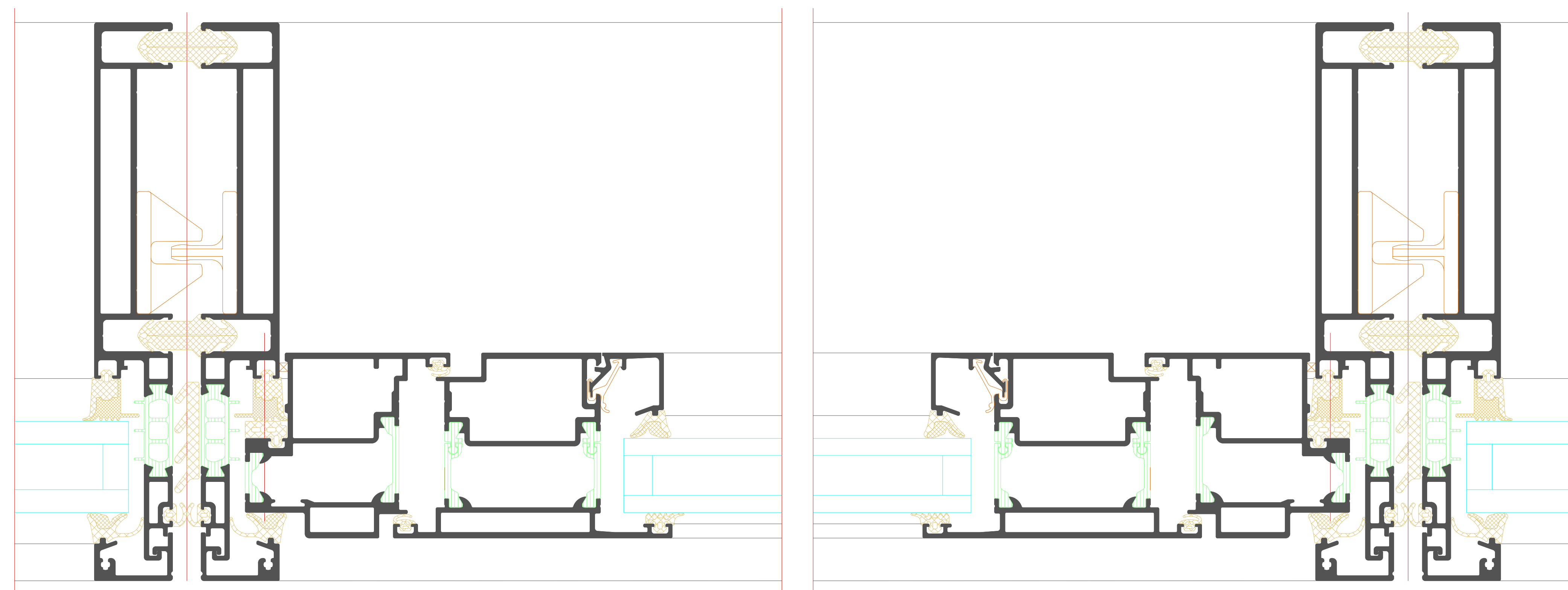
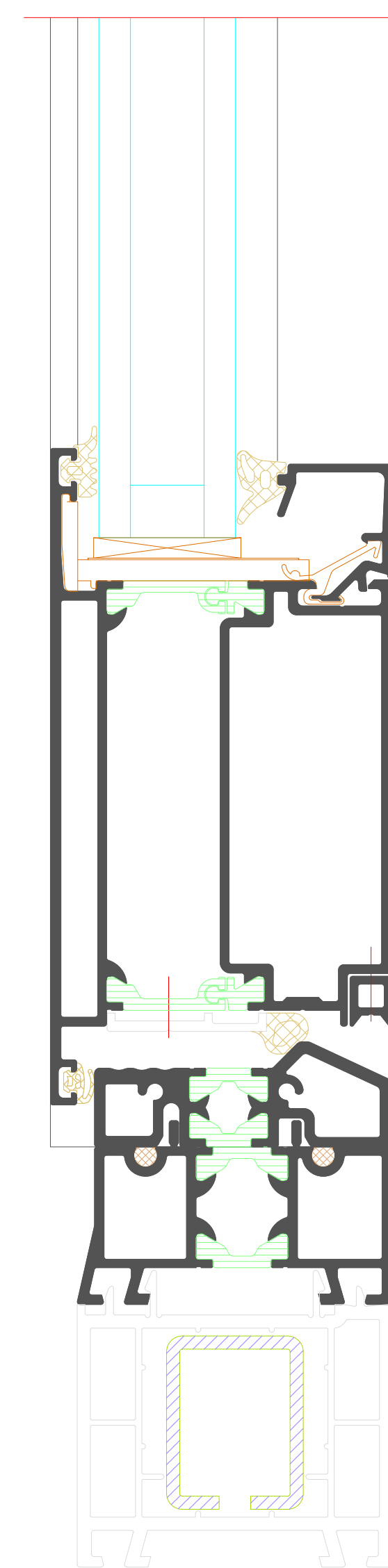
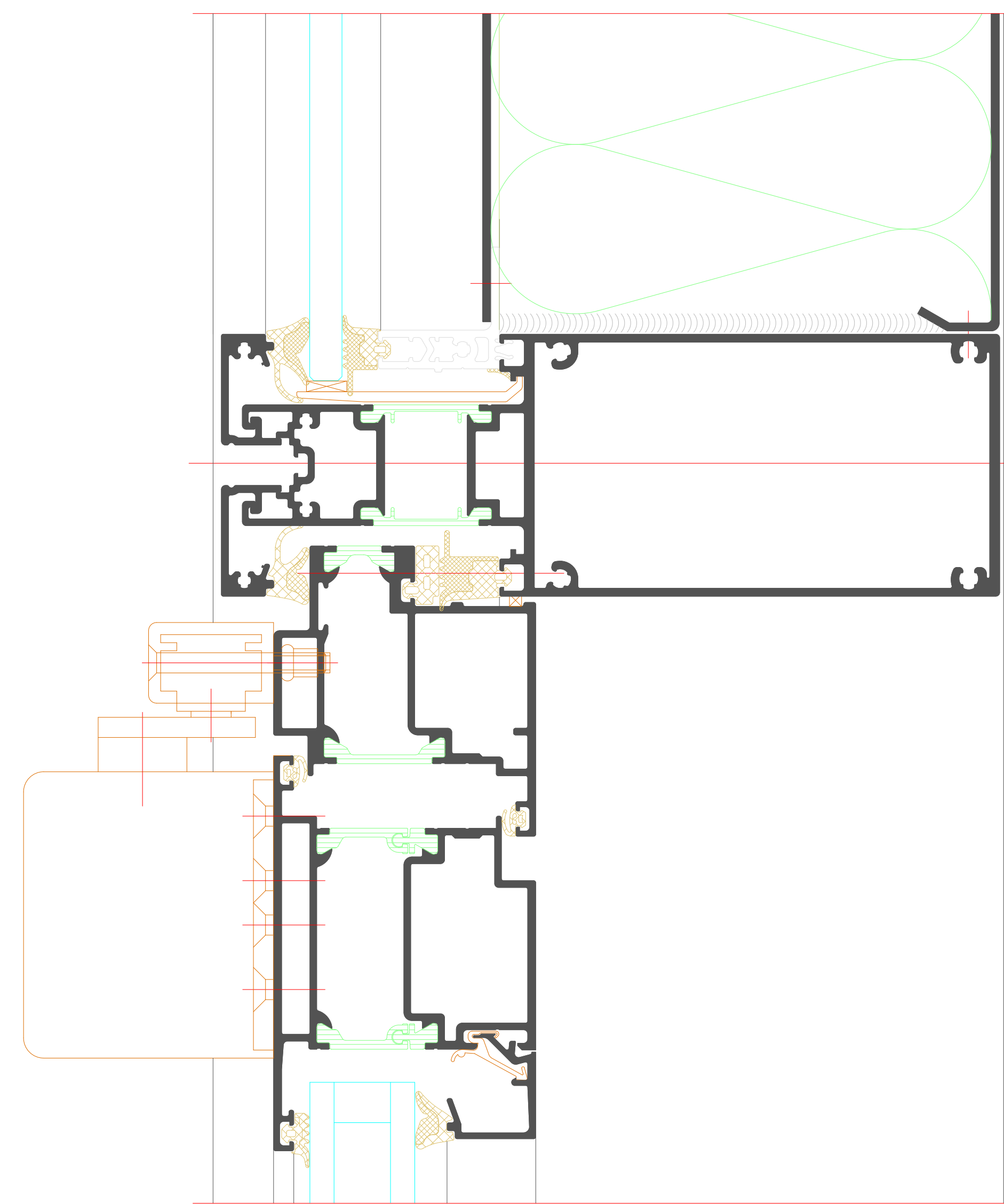
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2

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Standard unit with ADS 65

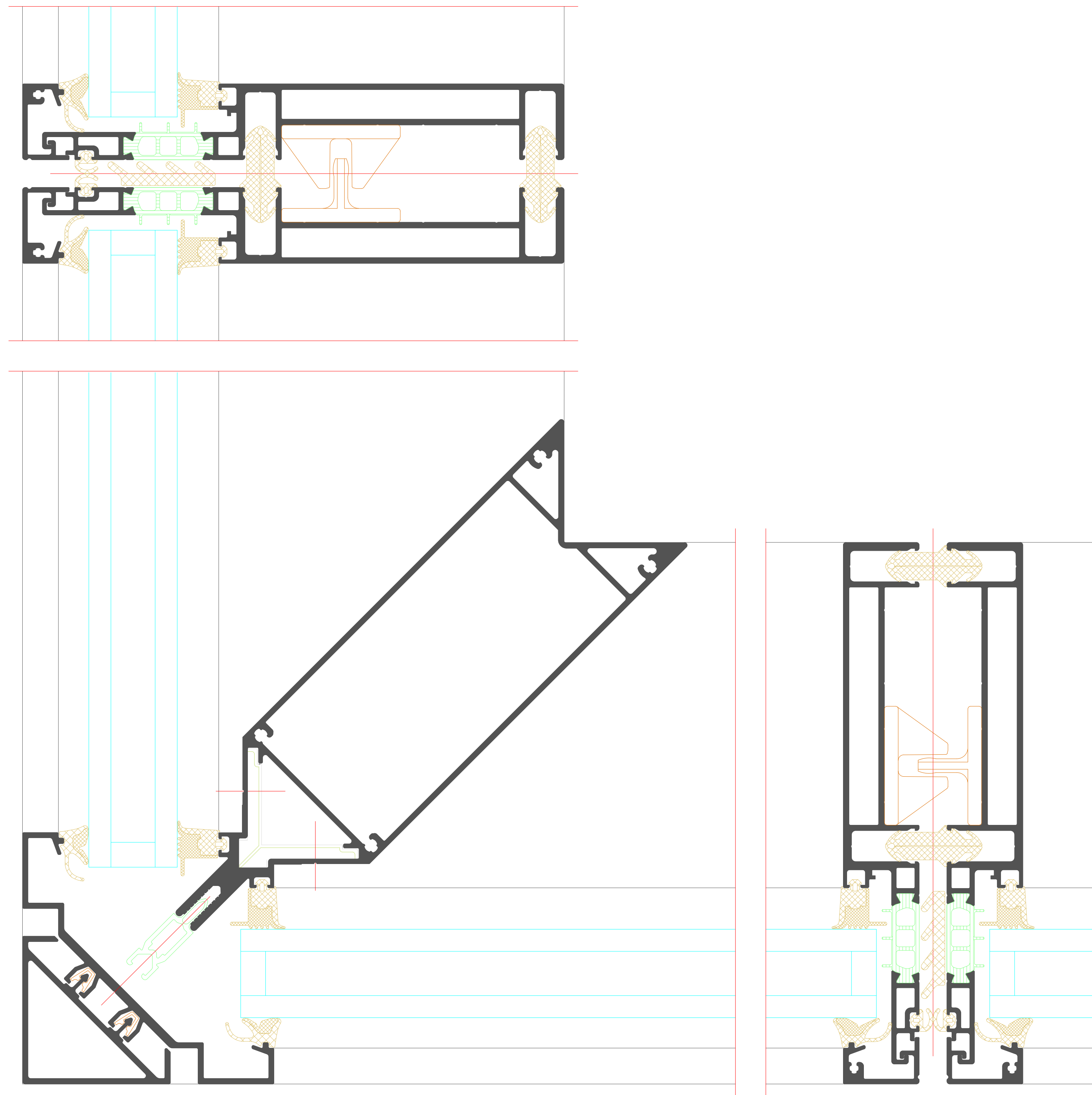
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90° Außenecke

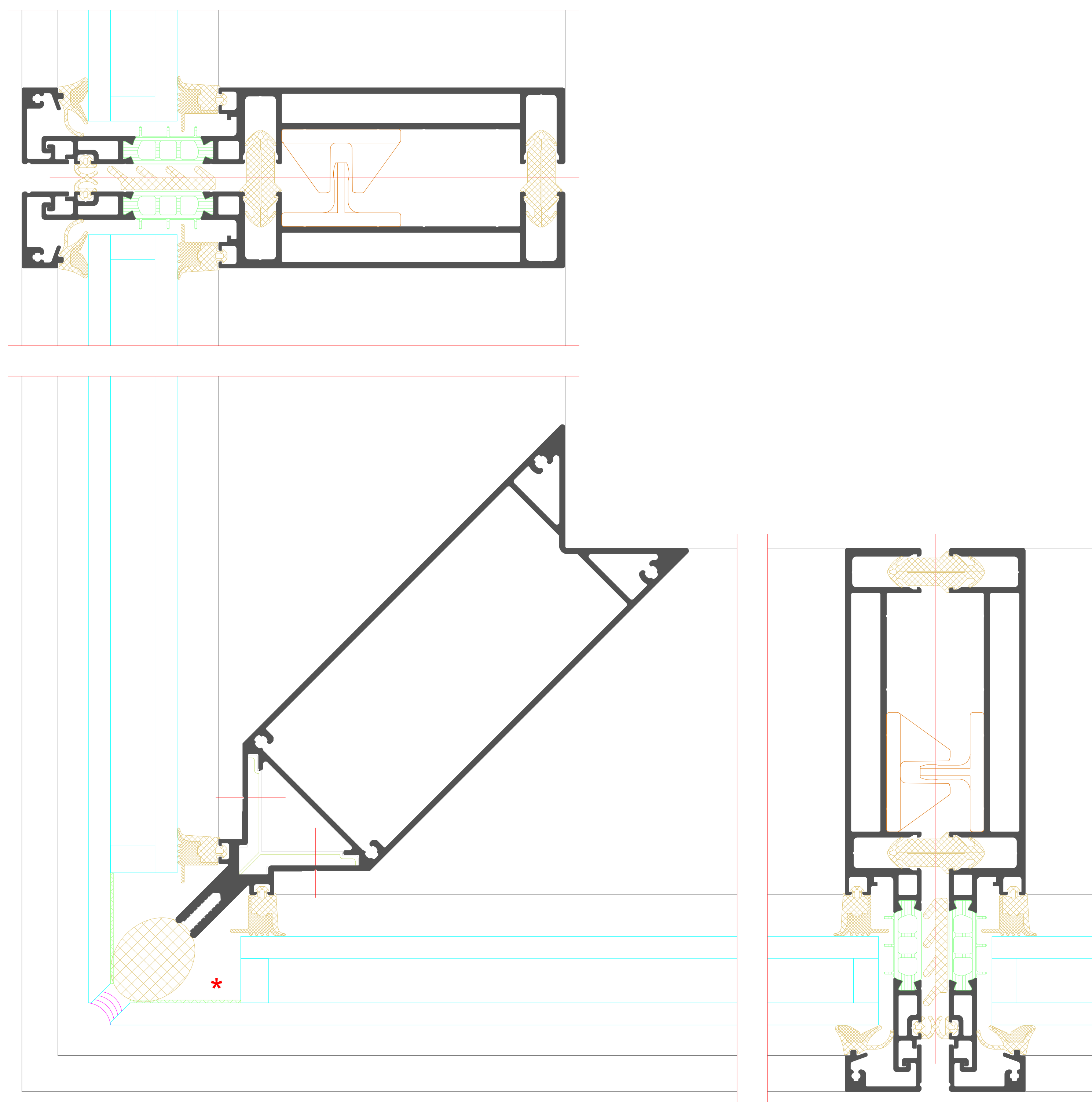
90° outer corner



16

[illegible]

Ganzglasecke mit Ecksprosse
All-glass corner with corner glazing bar



* Glasüberstand schwärzen

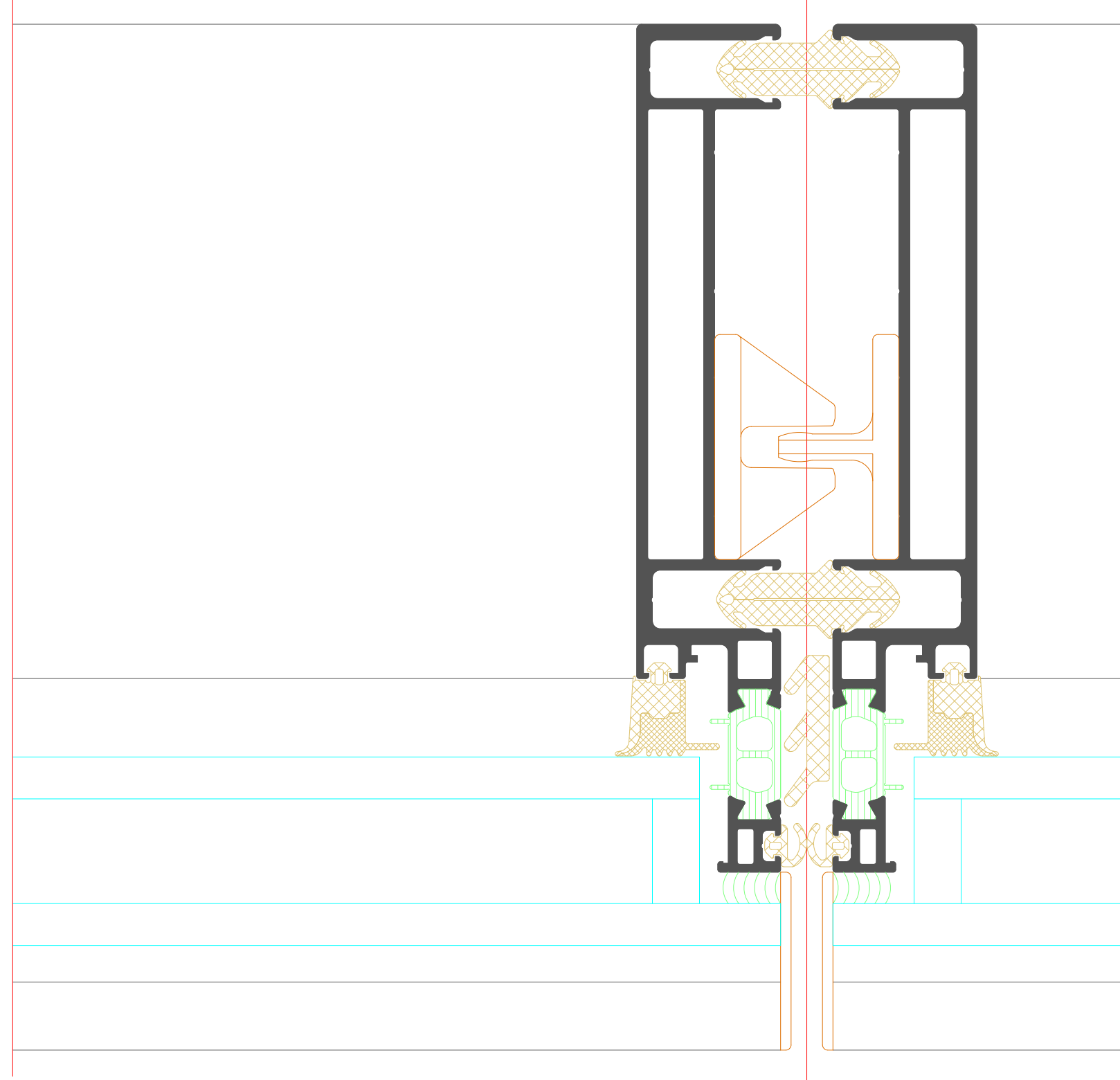
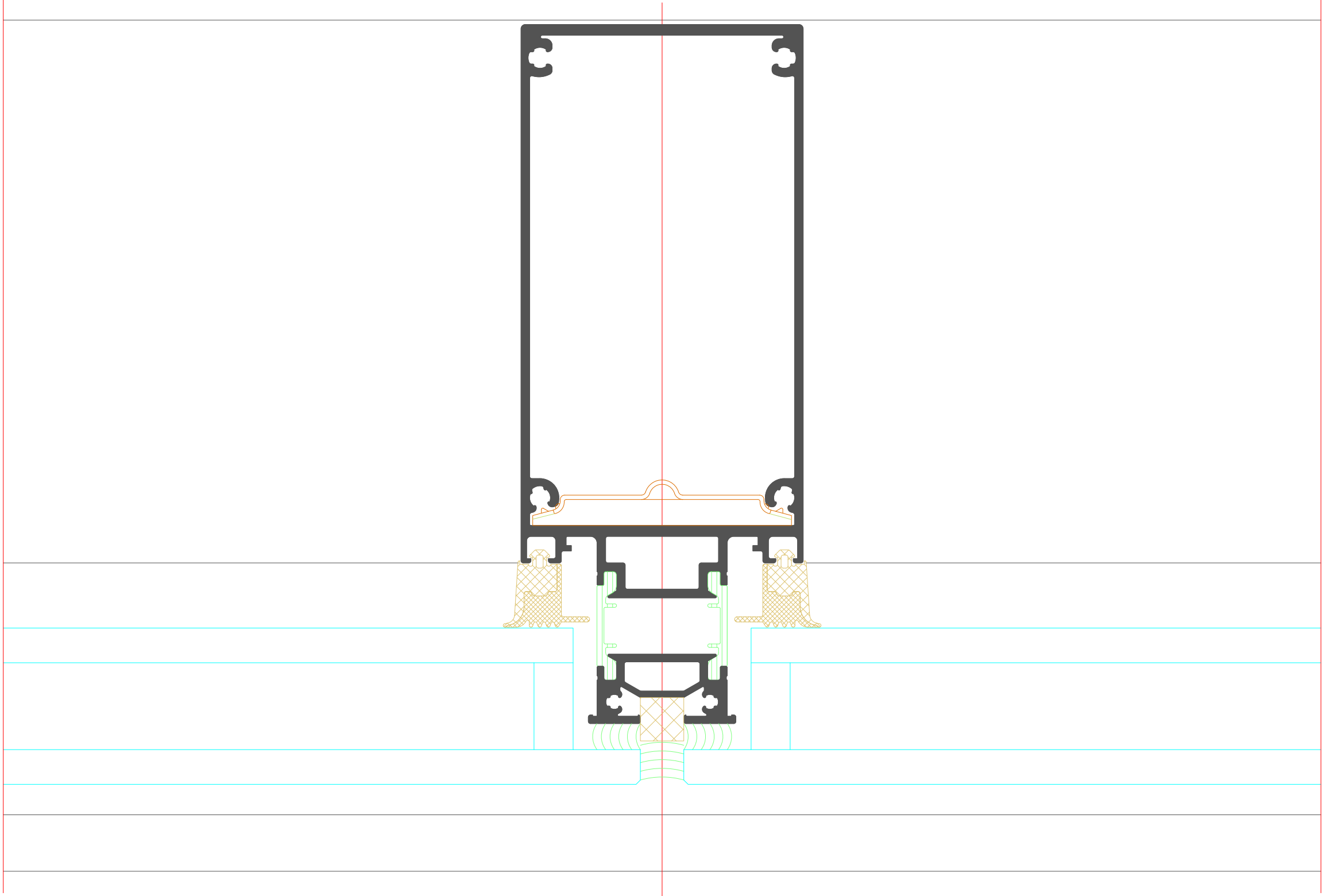
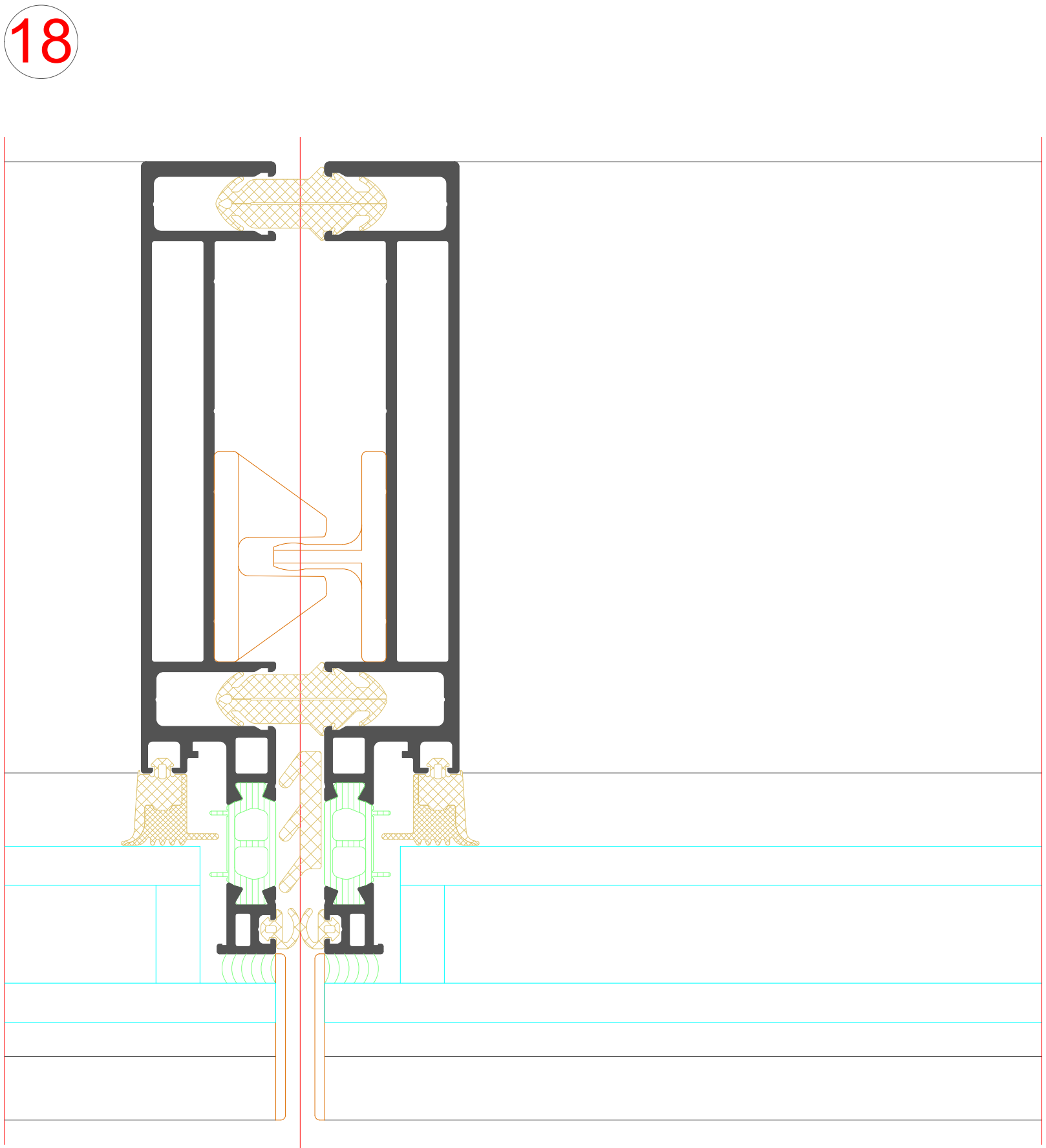
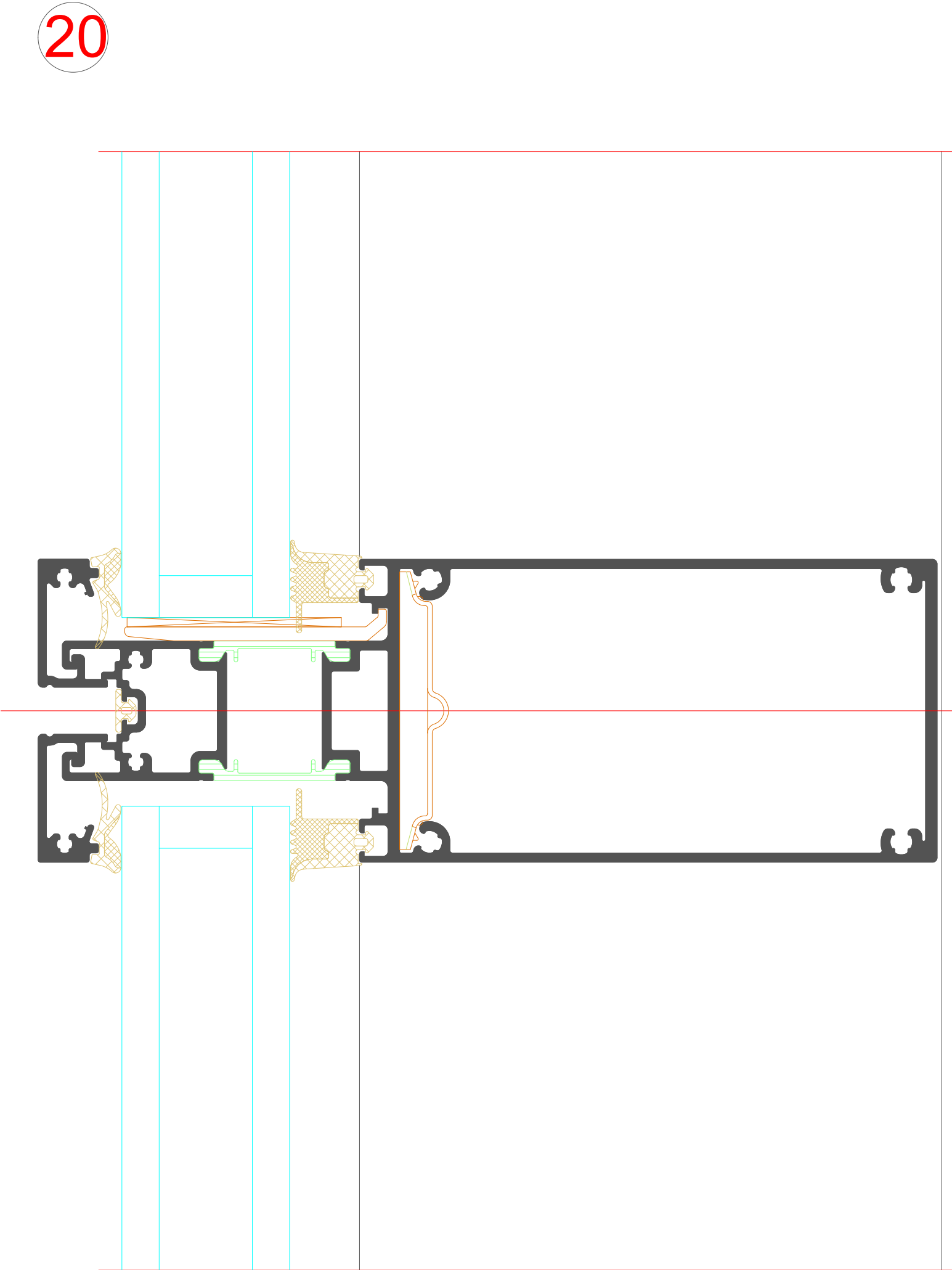
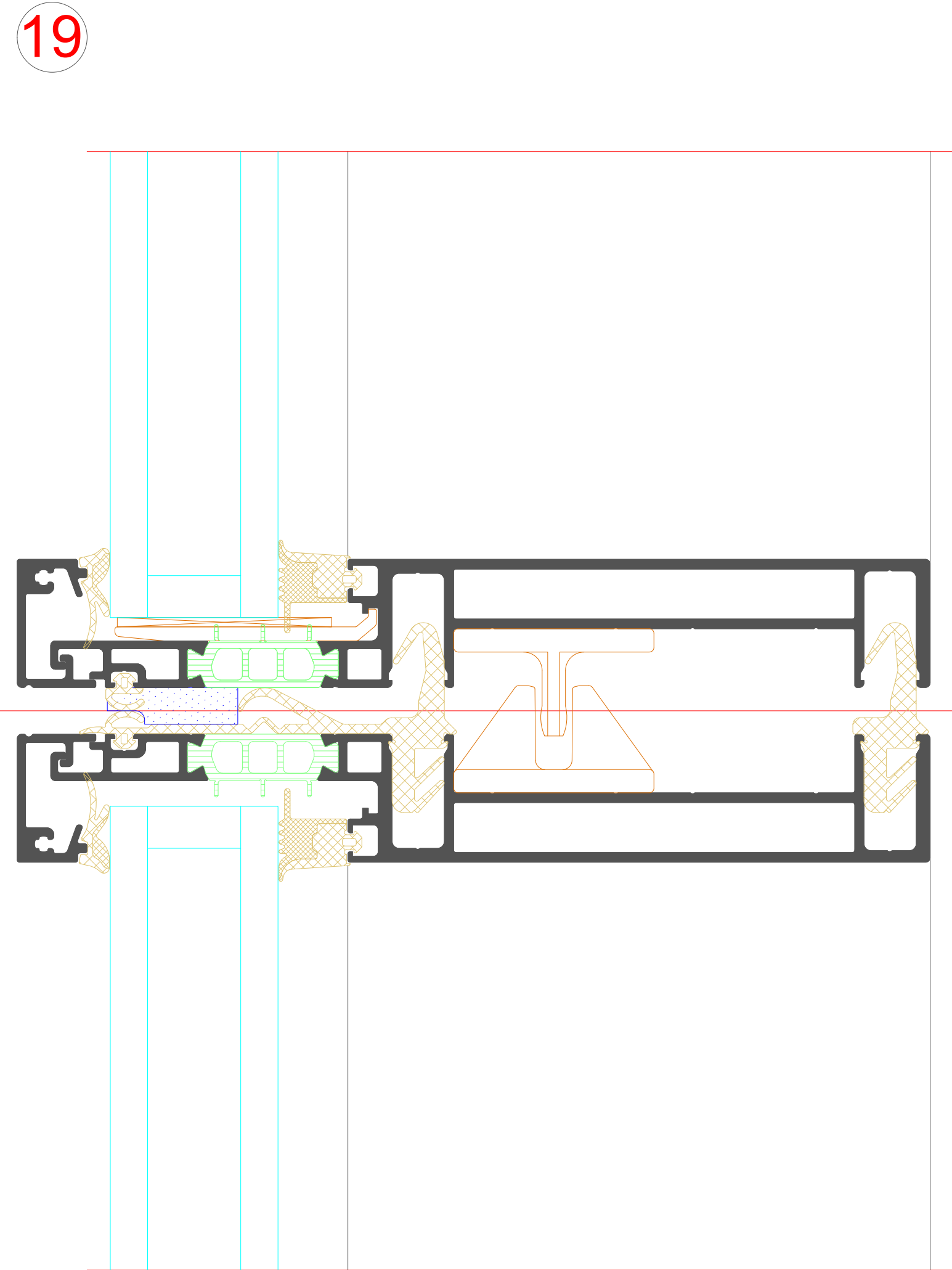
* Blacken glass overlap

[illegible]

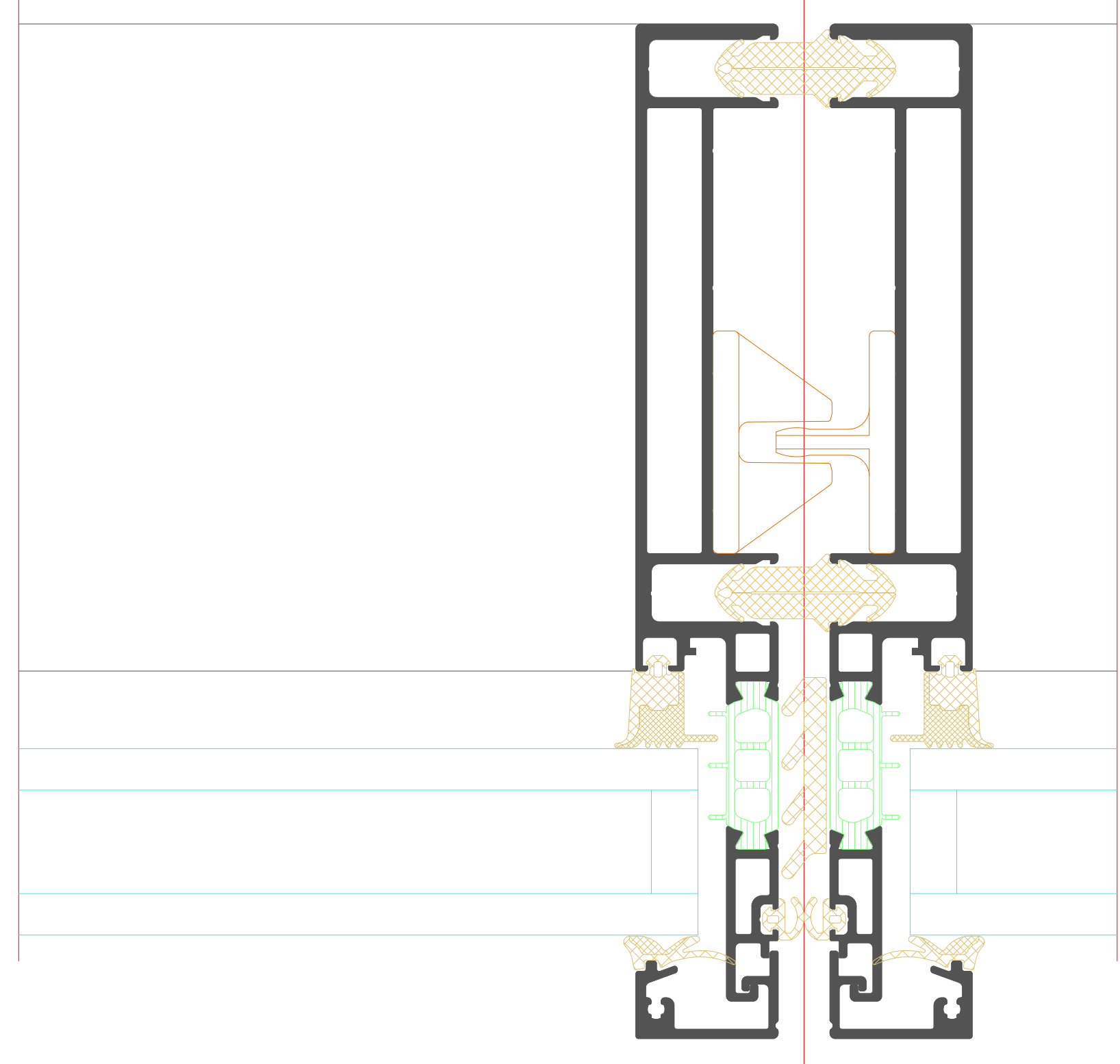
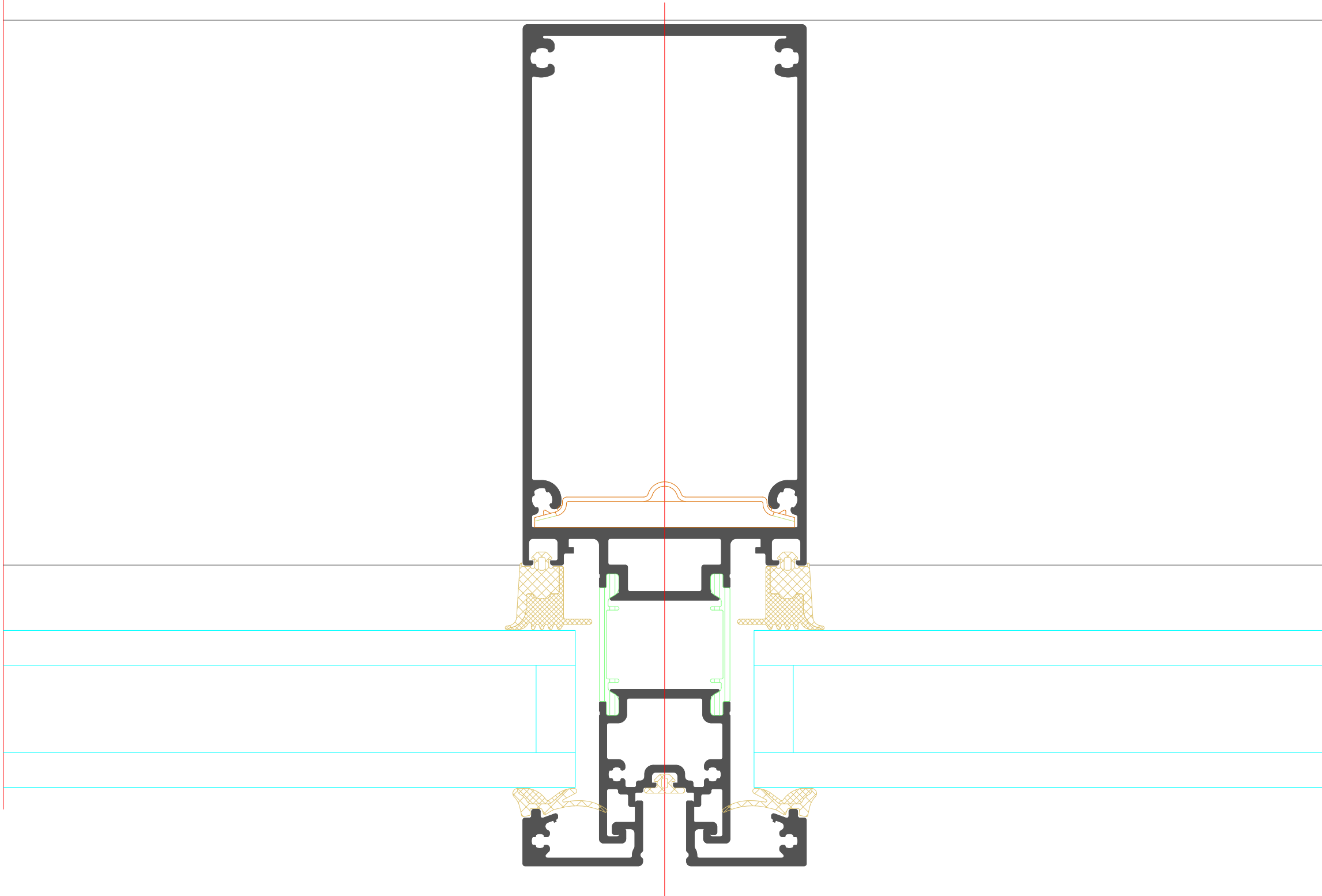
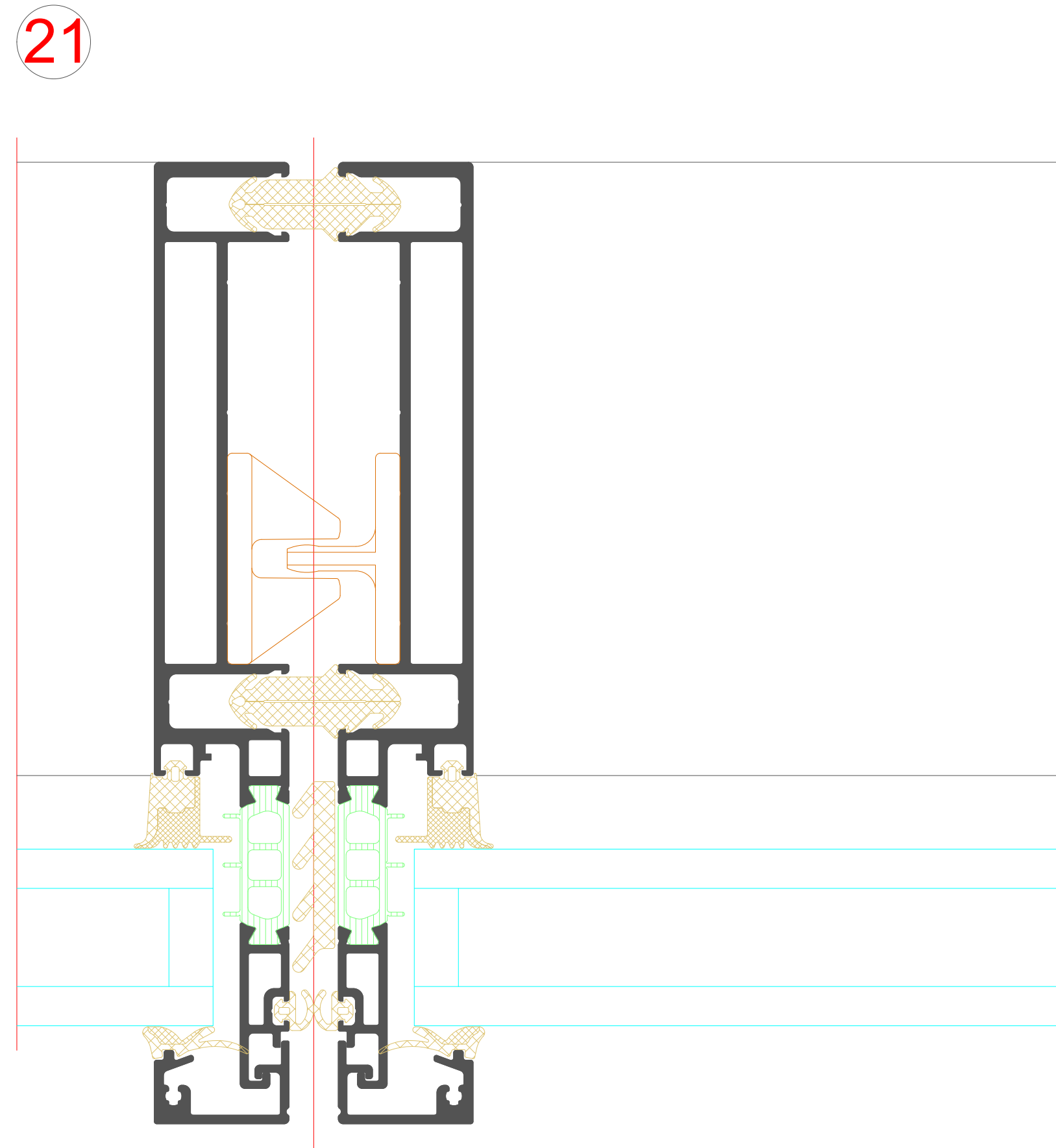
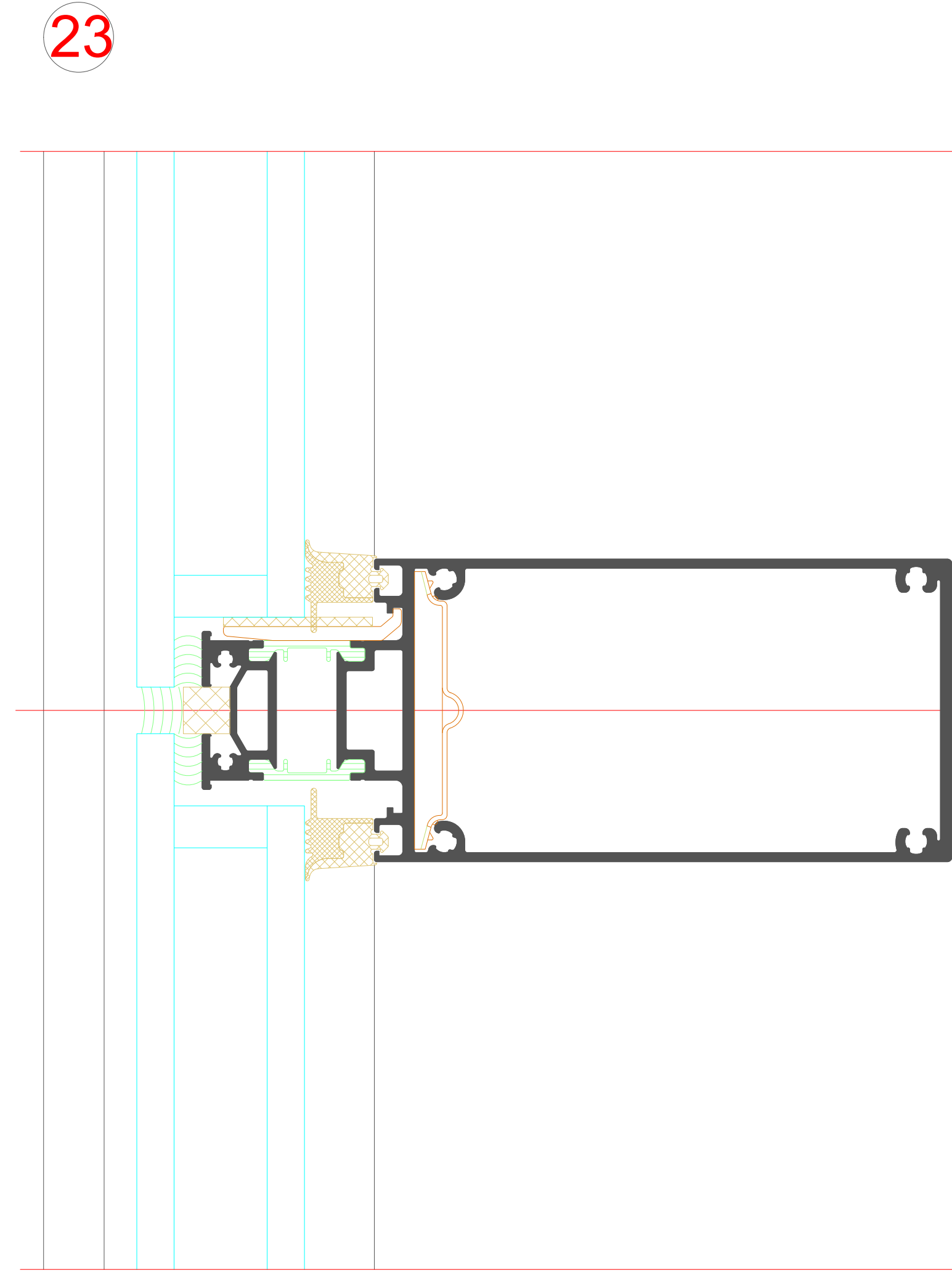
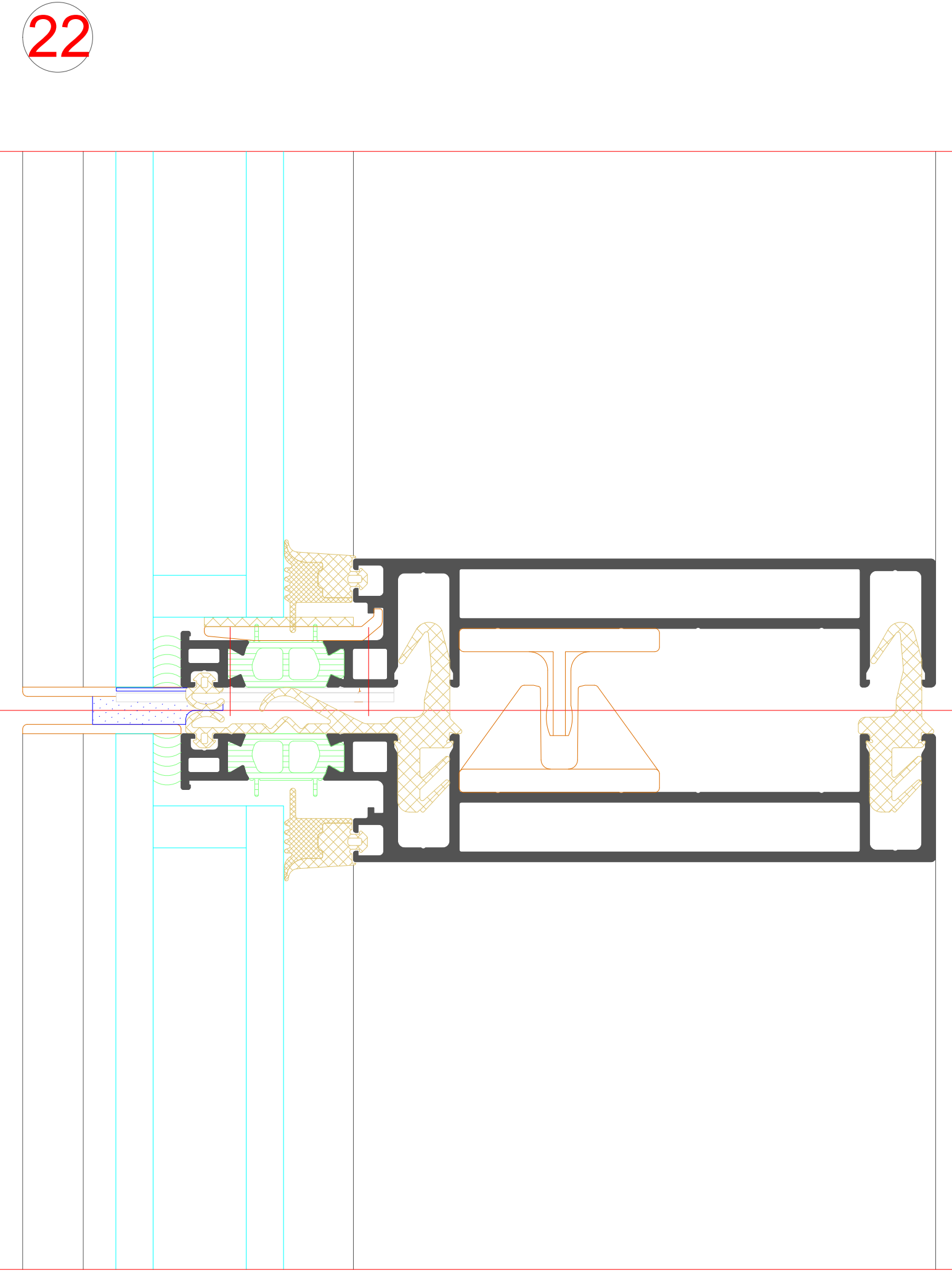
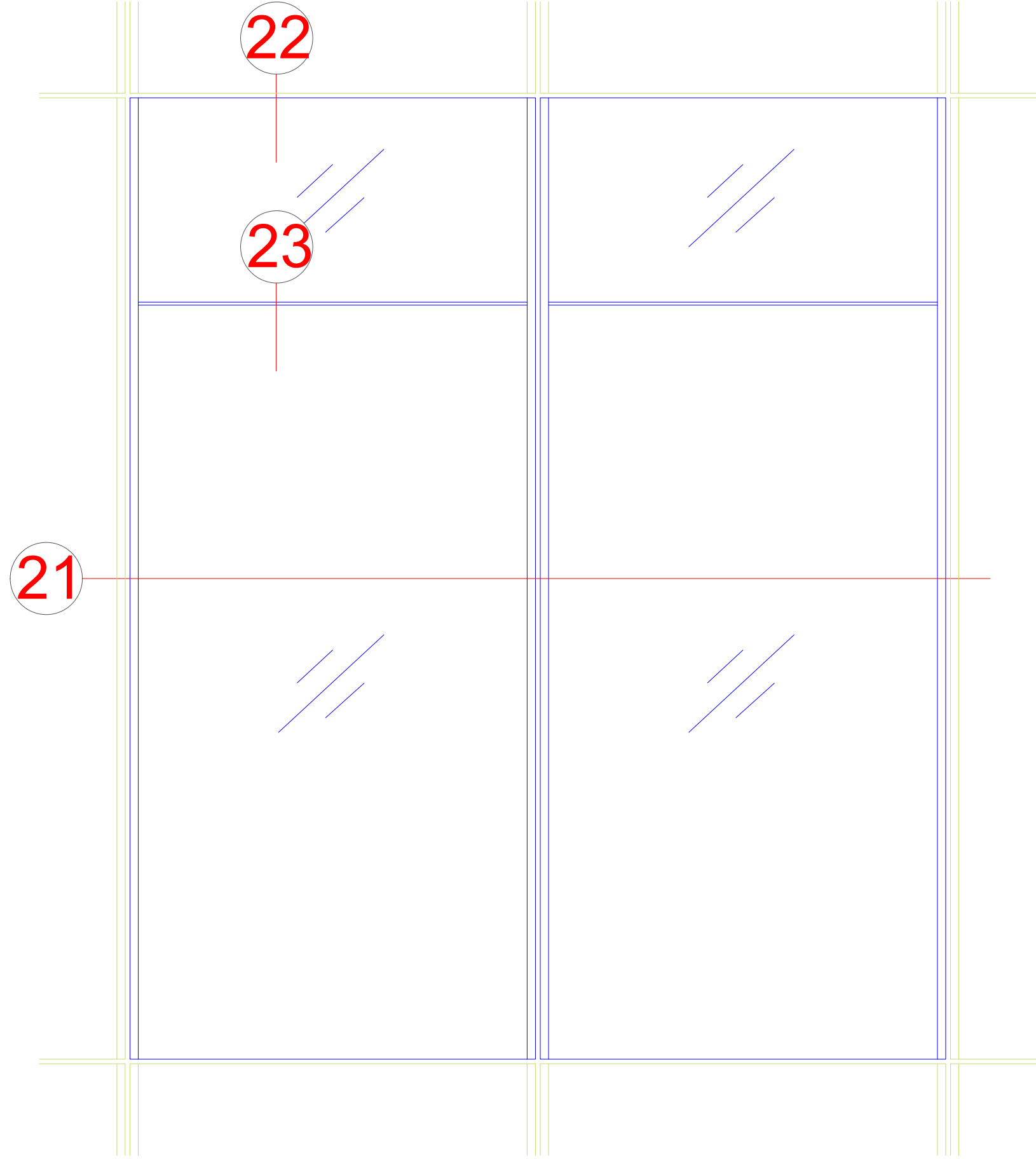
A diagram showing a 2x2 grid of squares. A red horizontal line passes through the middle of the grid, labeled '18' on the left. A red vertical line passes through the middle of the grid, labeled '19' at the top. The grid is divided into four quadrants. The top-left and bottom-right quadrants contain a blue diagonal line. The top-right and bottom-left quadrants are empty.

A diagram showing a 2x2 grid of squares. A red horizontal line passes through the middle of the grid, labeled '21' on the left. A red vertical line passes through the middle of the grid, labeled '22' at the top. The top-left square is labeled '23' in the center. Each of the four squares contains two blue diagonal lines (one solid, one dashed) running from the bottom-left to the top-right.

Horizontale Betonung
Horizontal emphasis

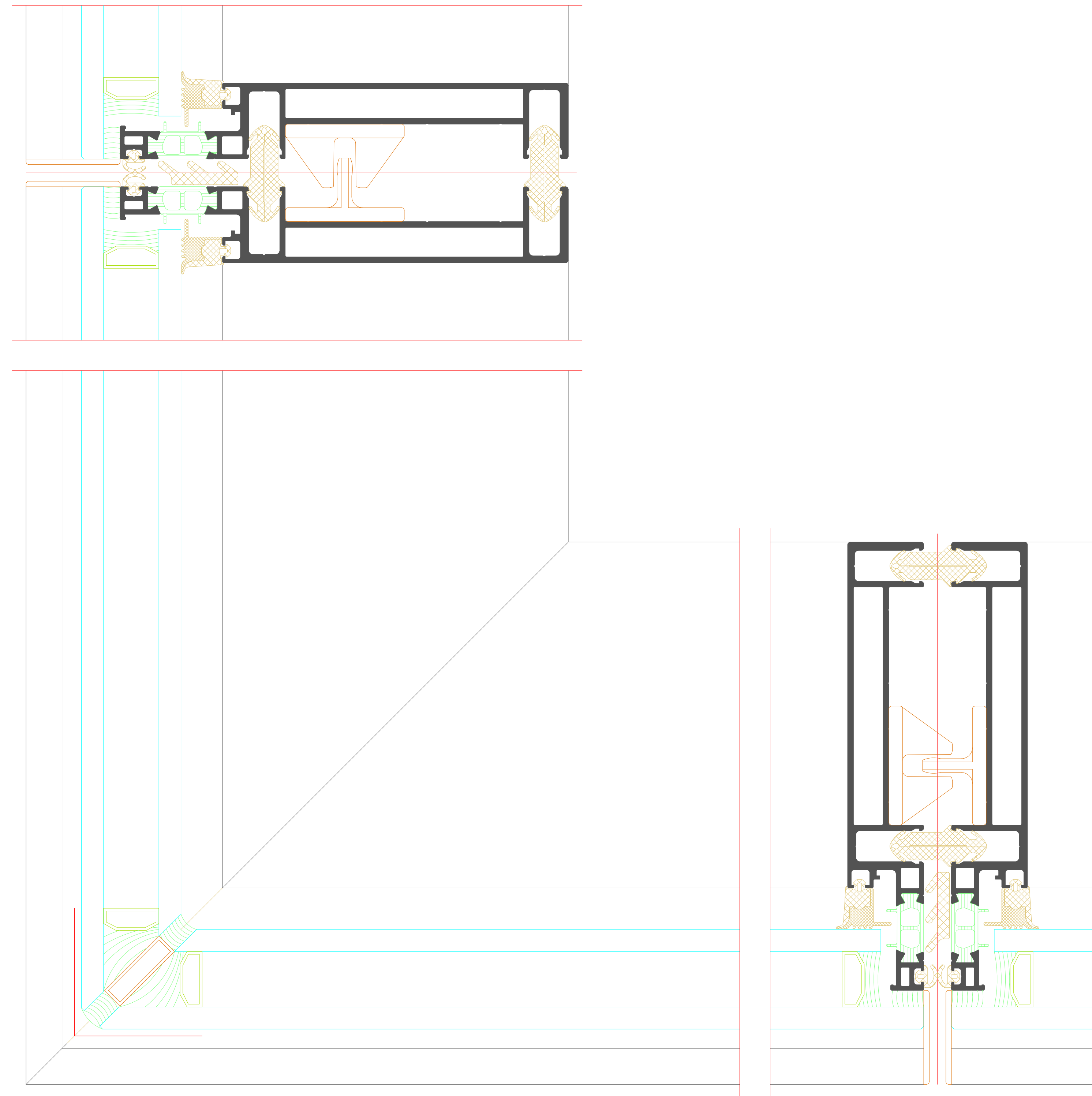
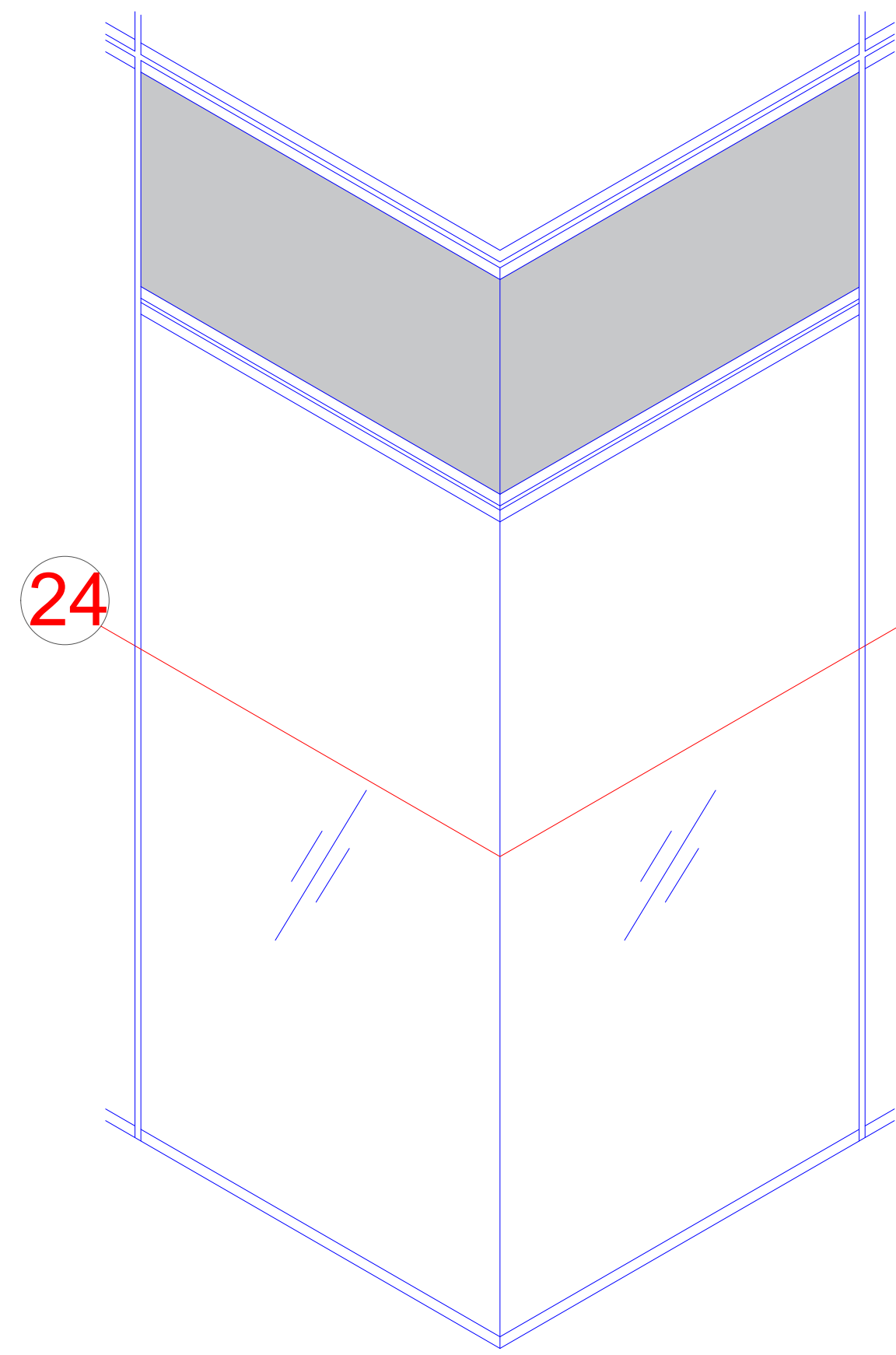


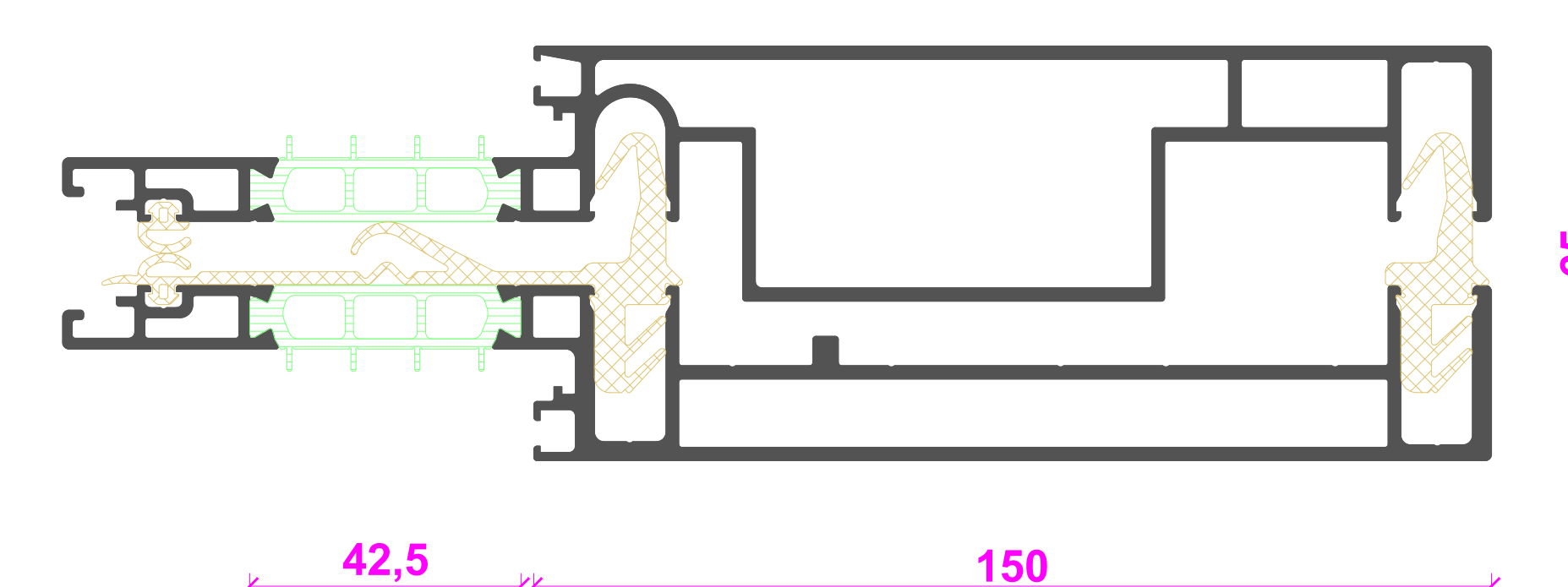
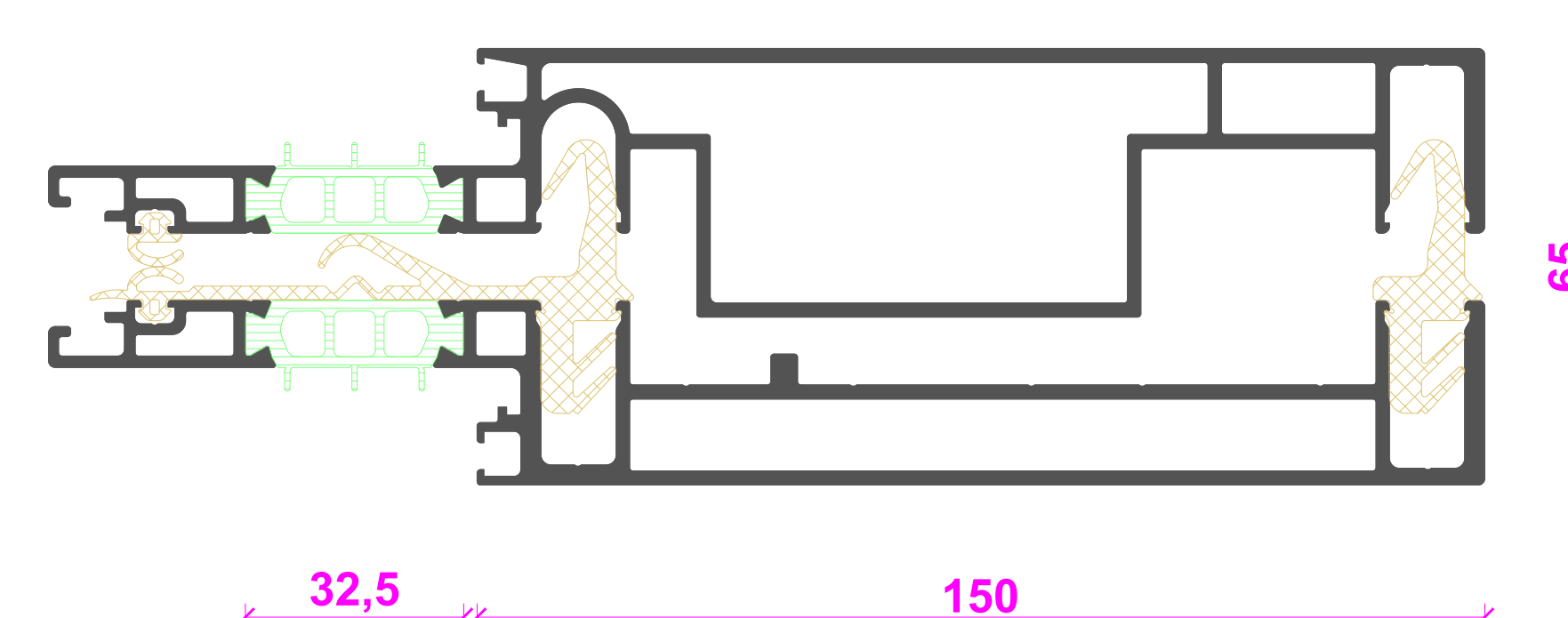
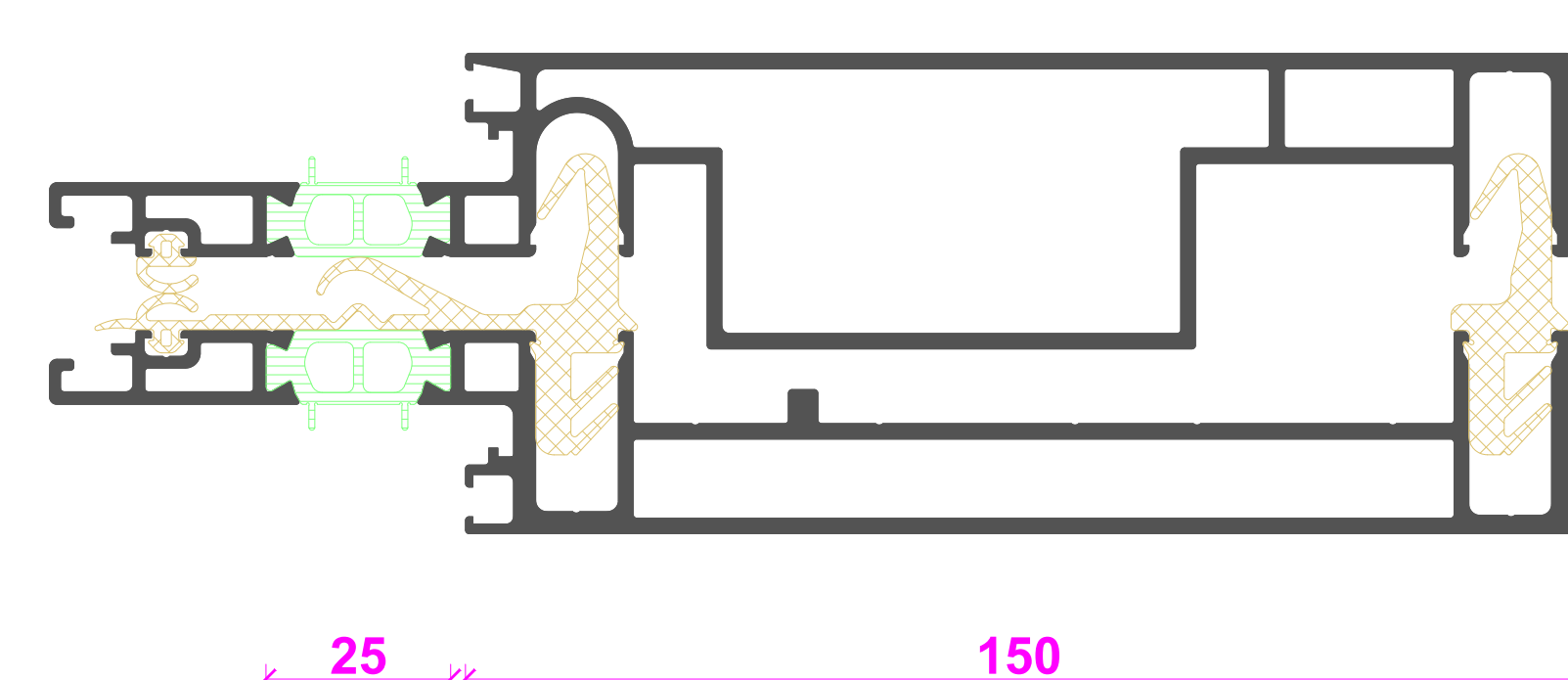
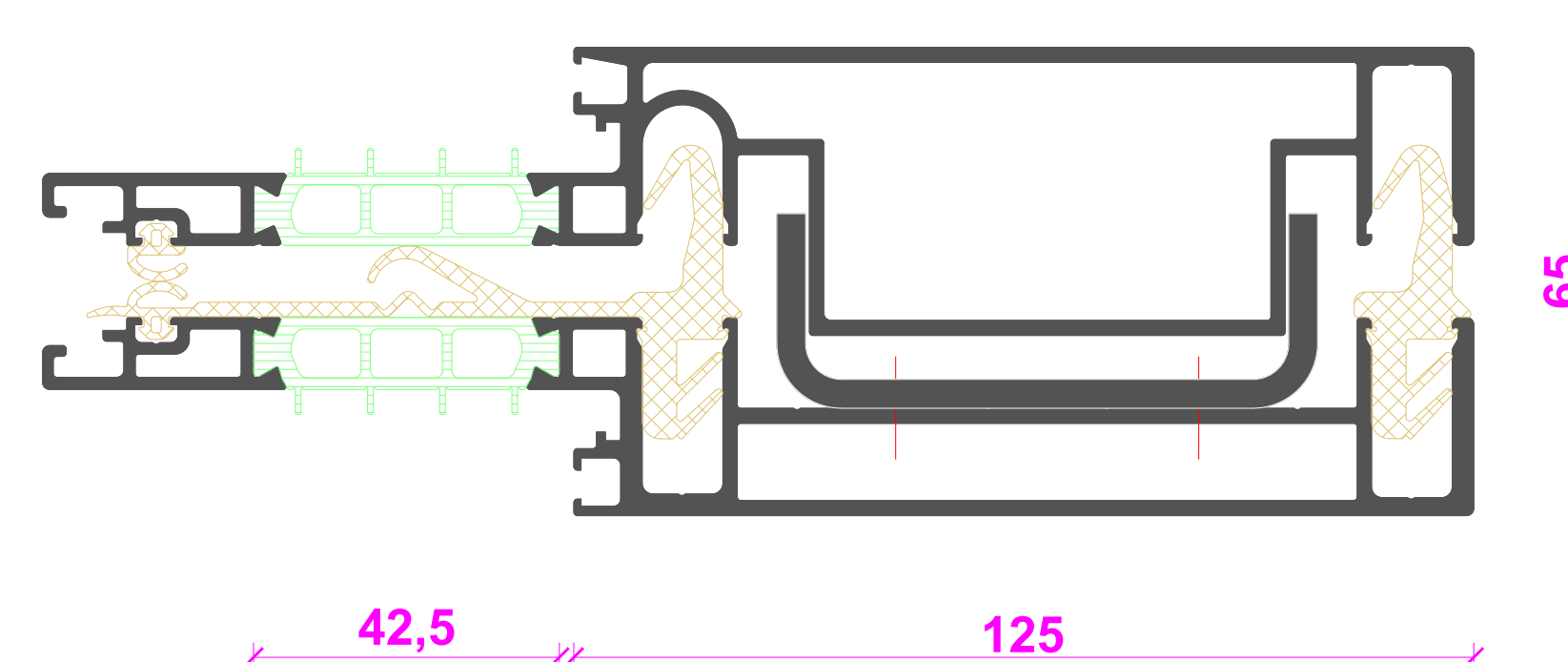
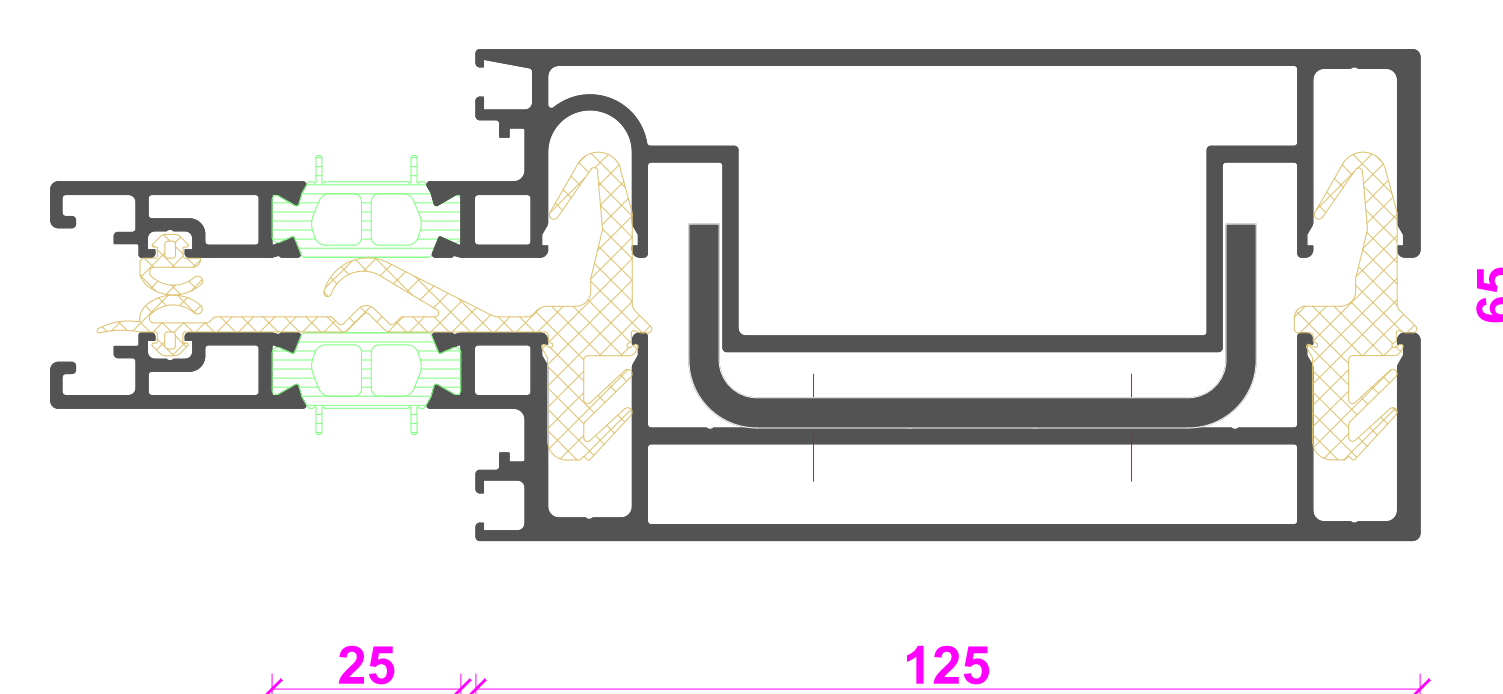
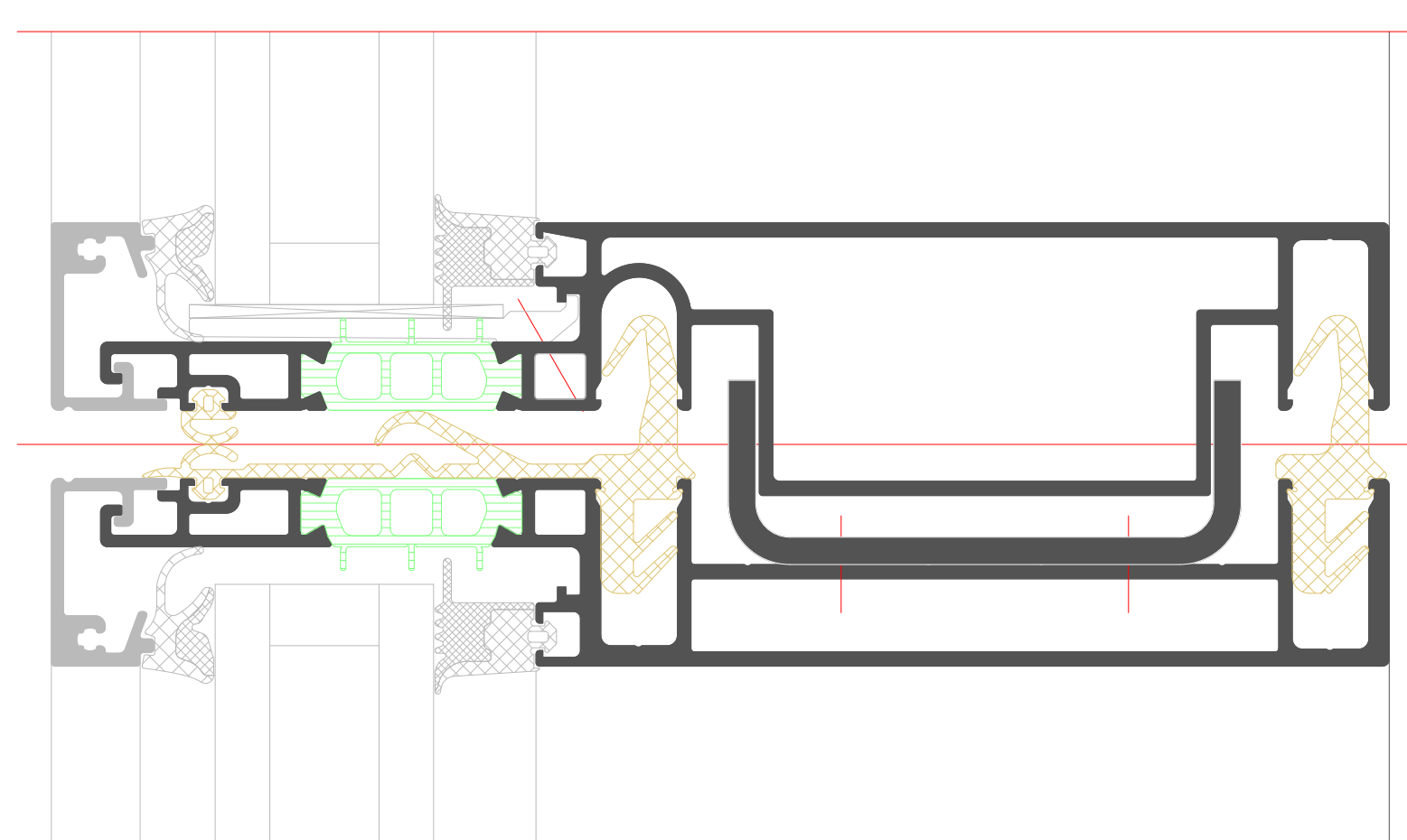
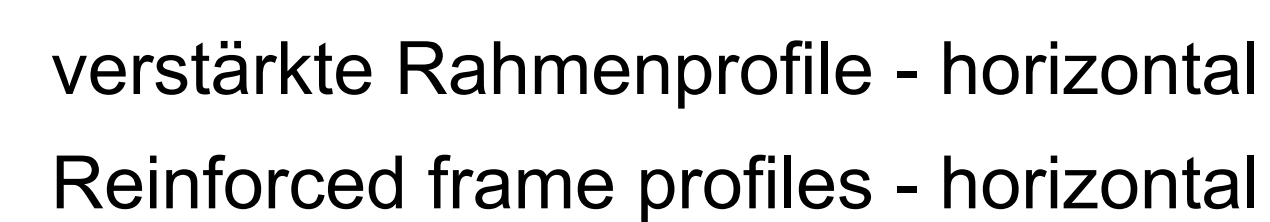
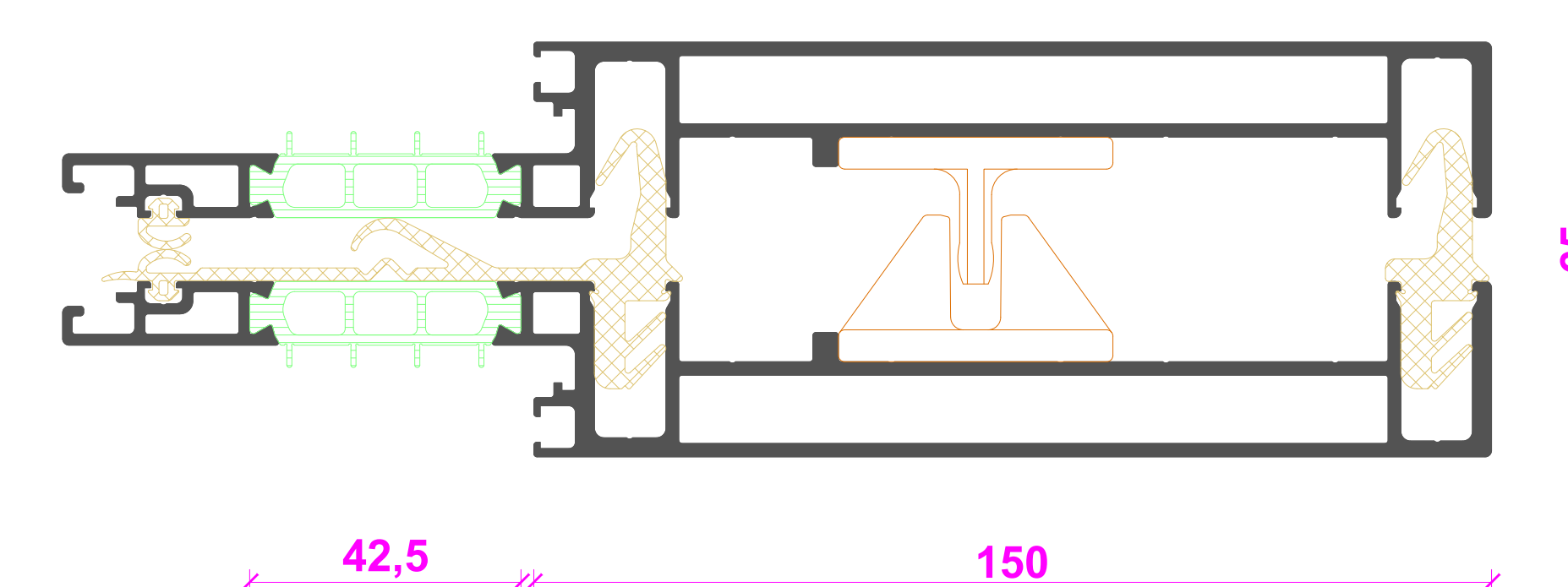
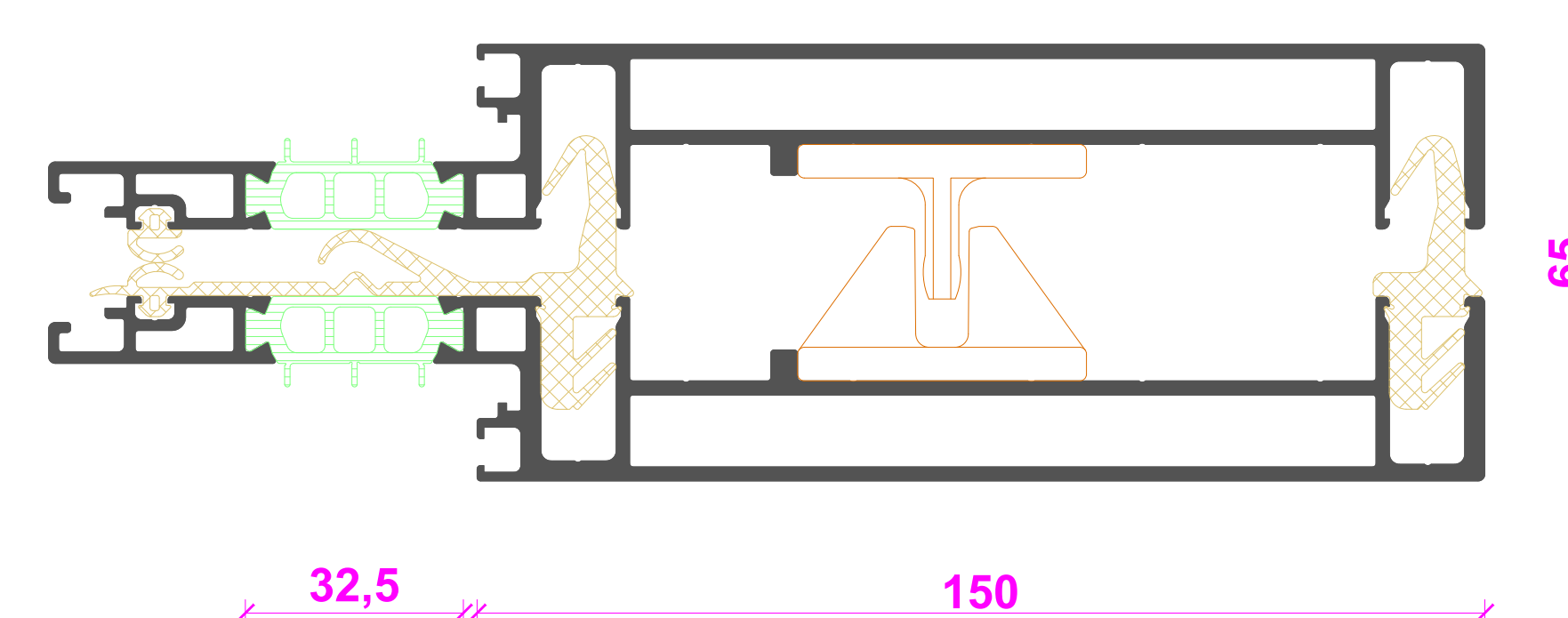
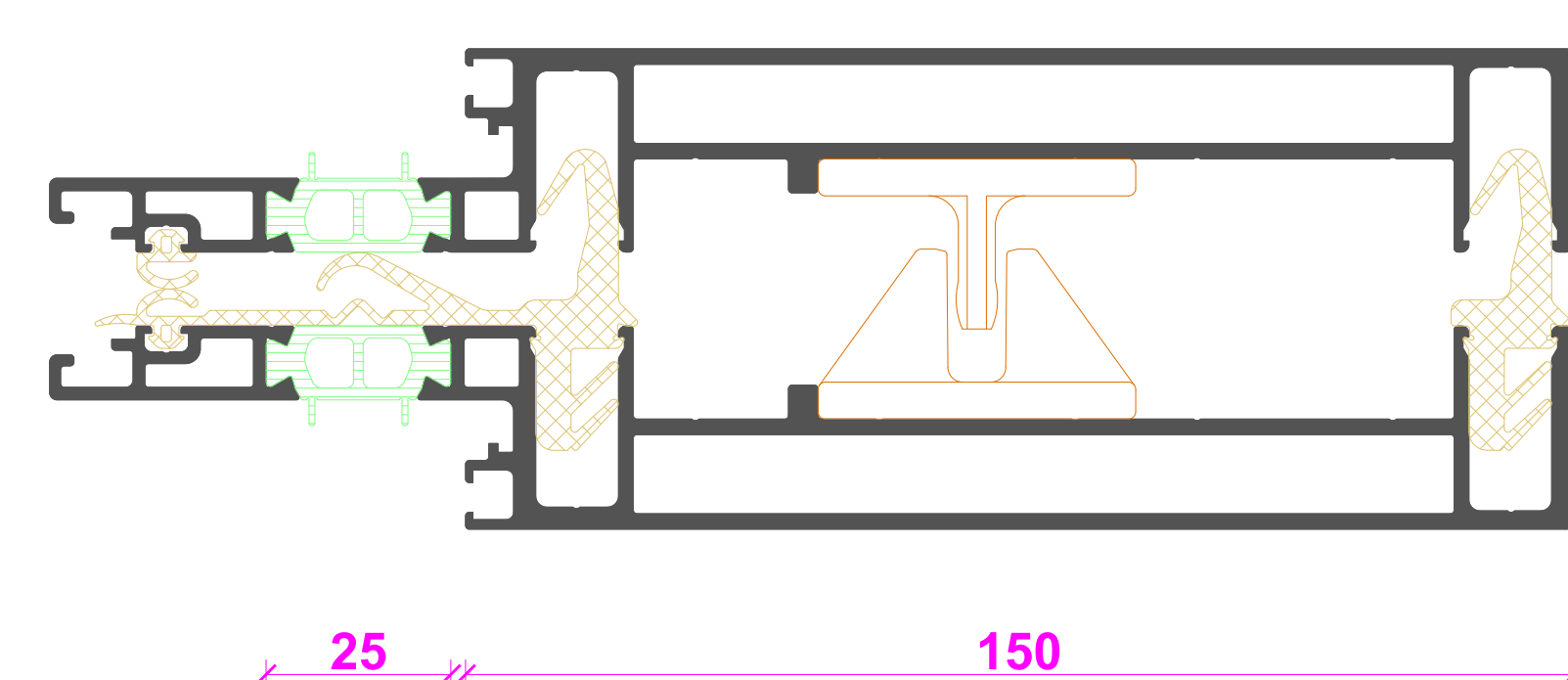
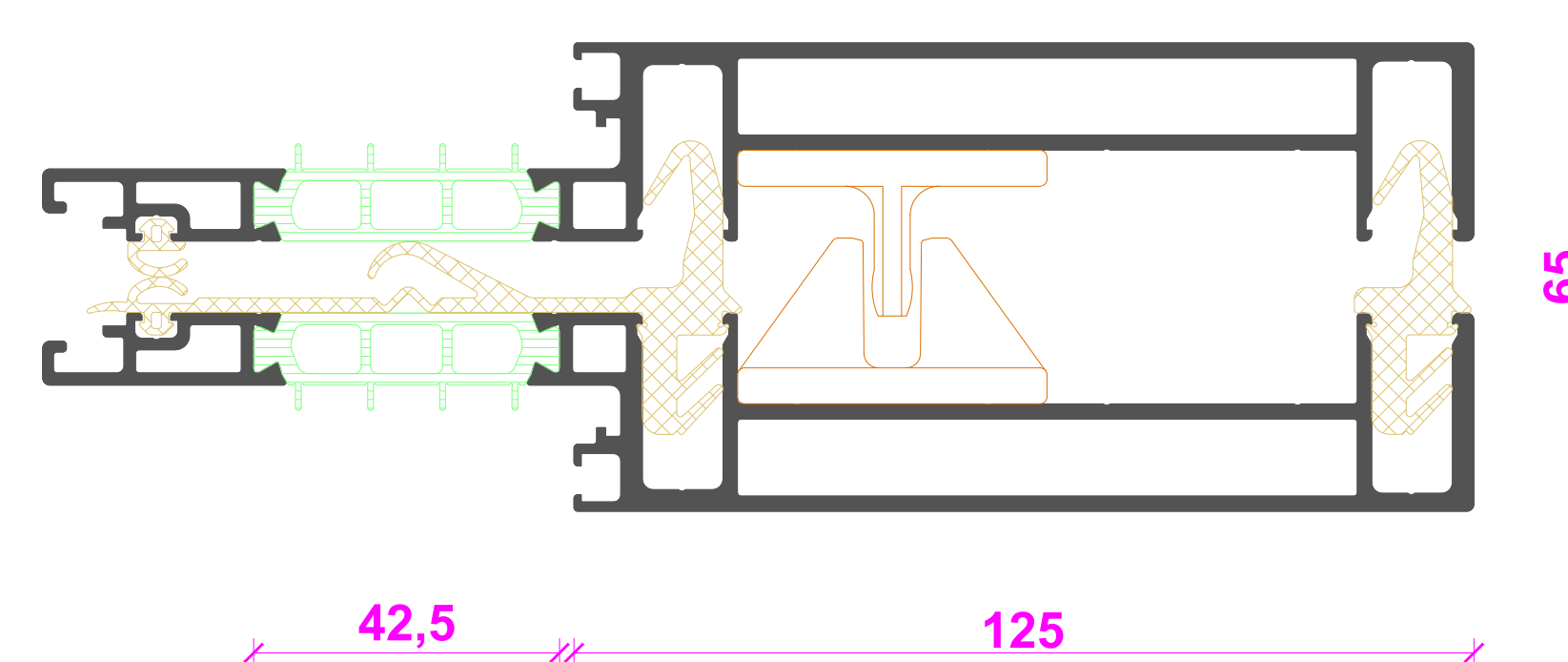
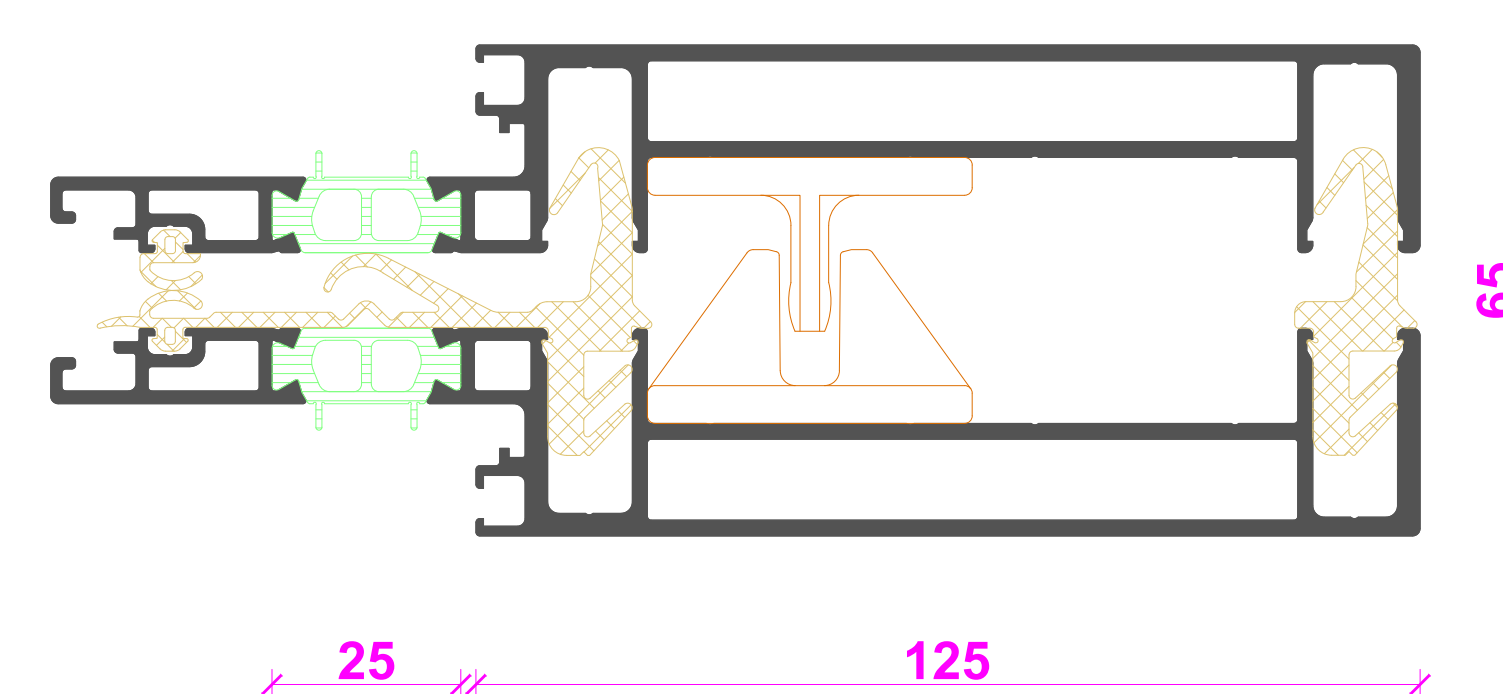
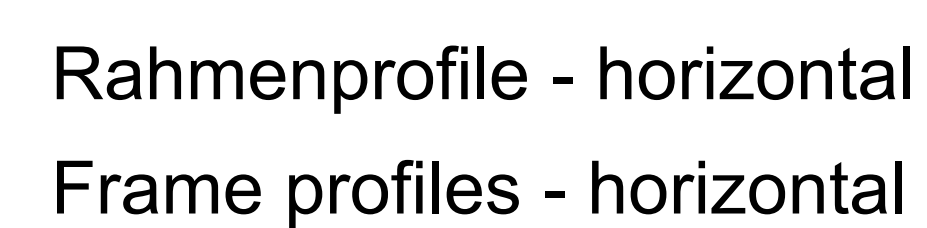
Vertikale Betonung
Vertical emphasis

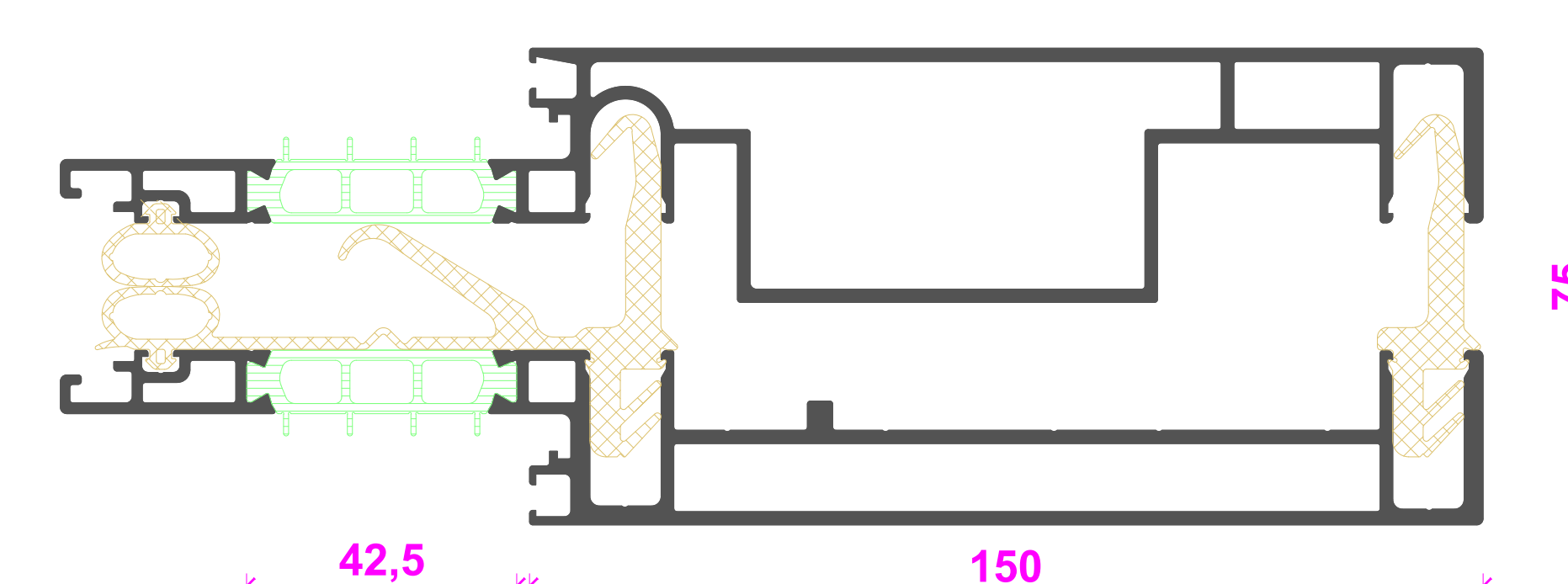
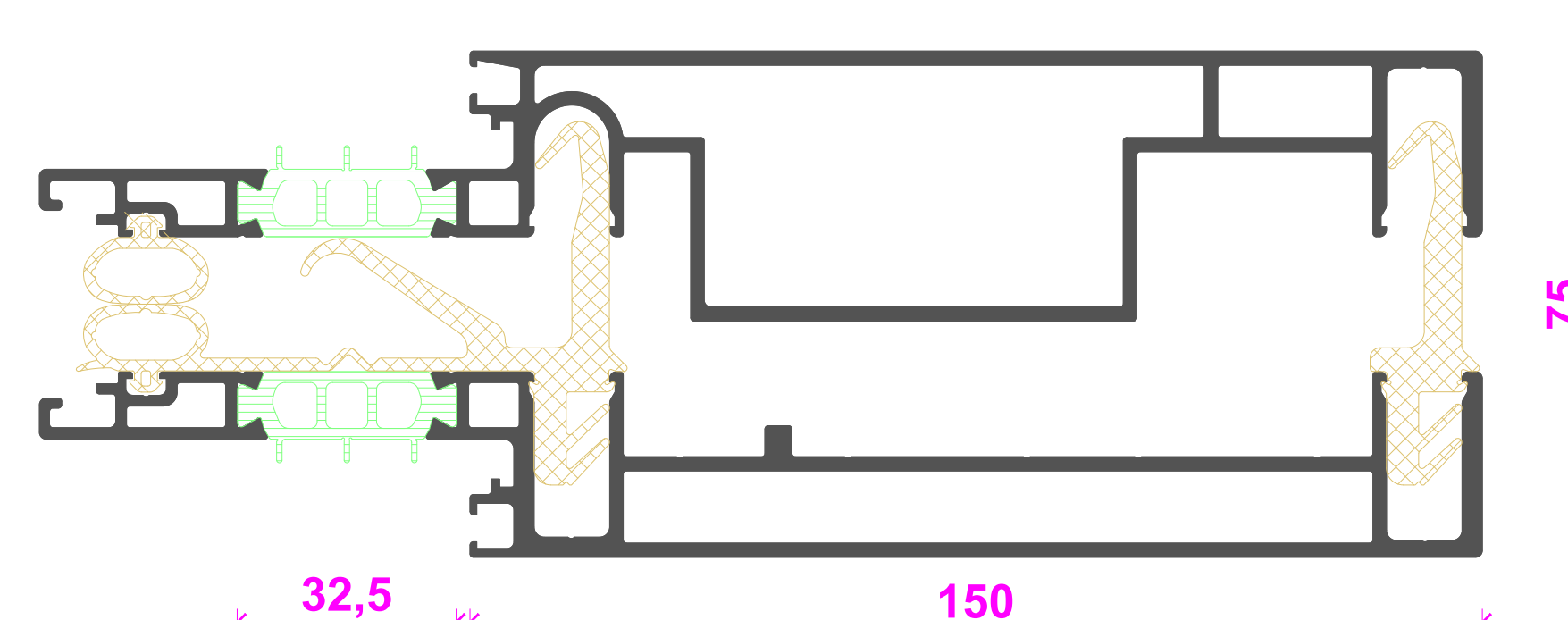
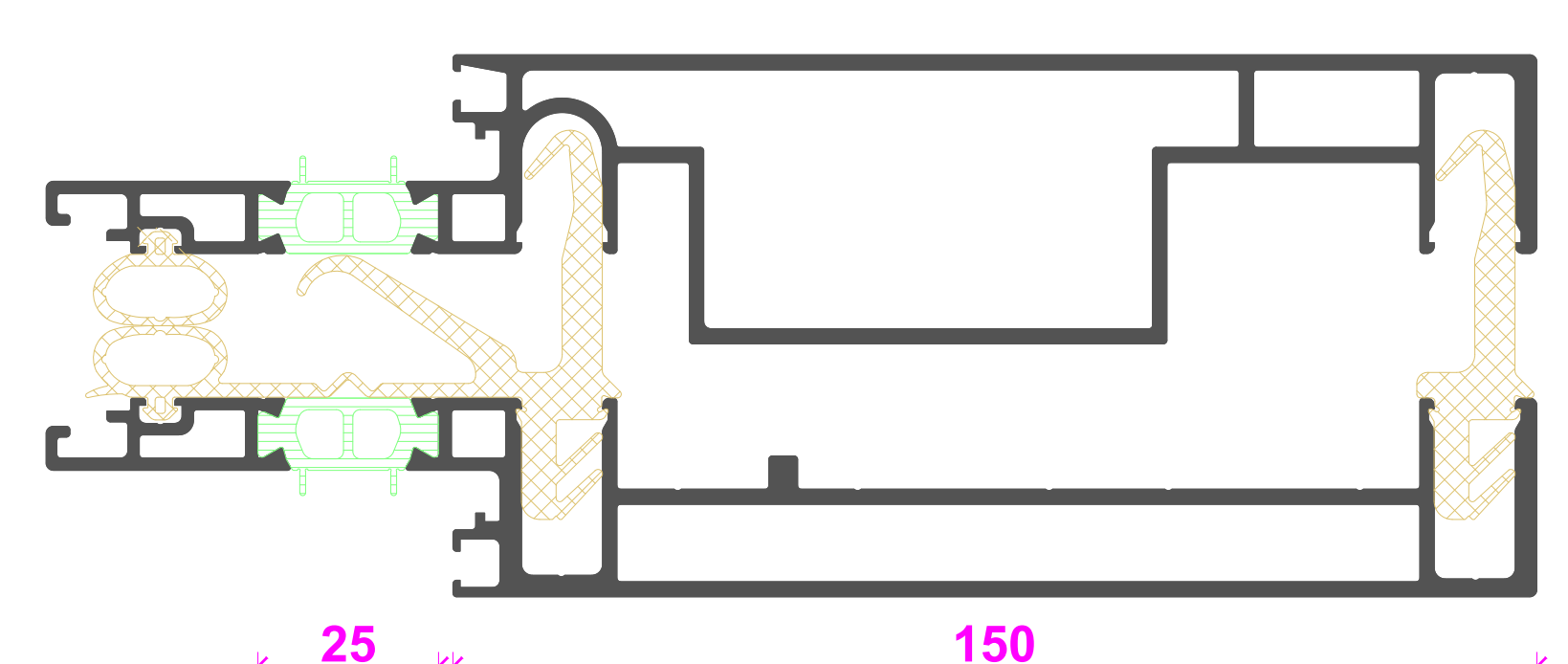
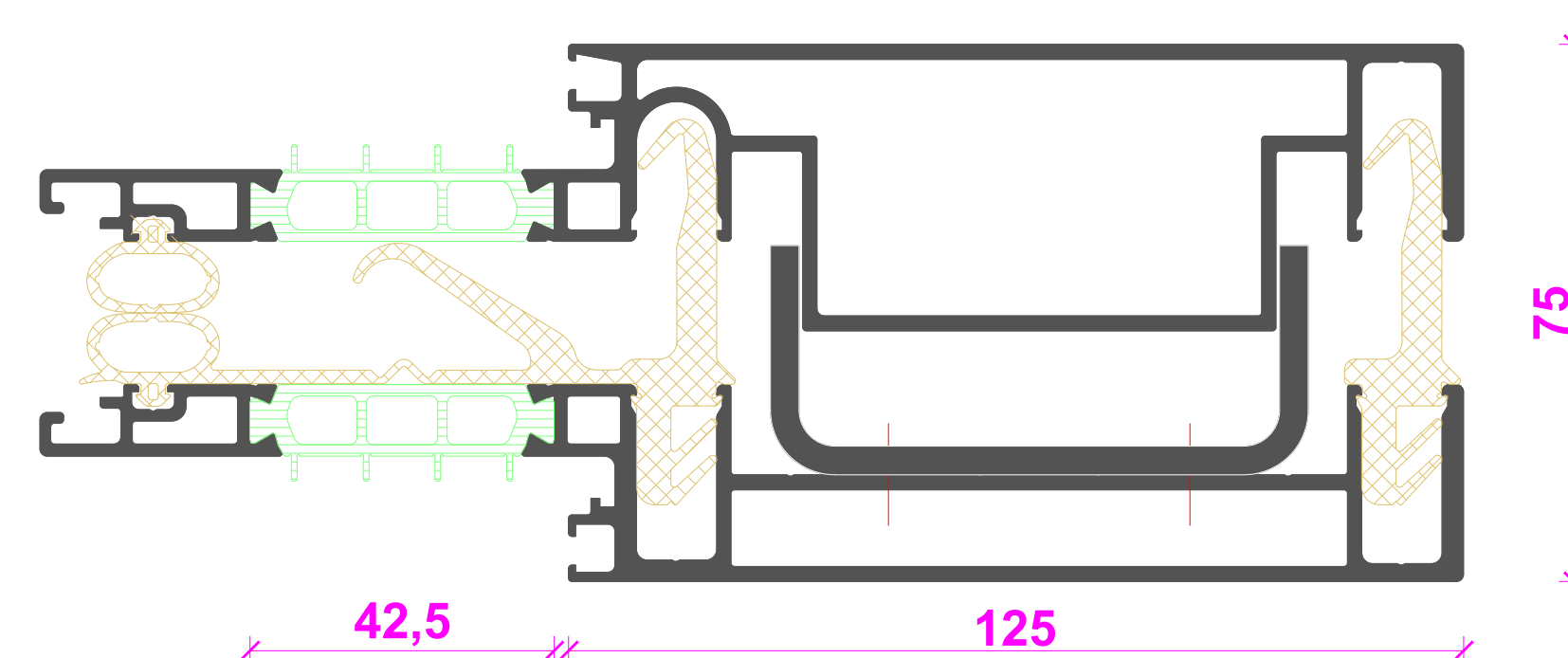
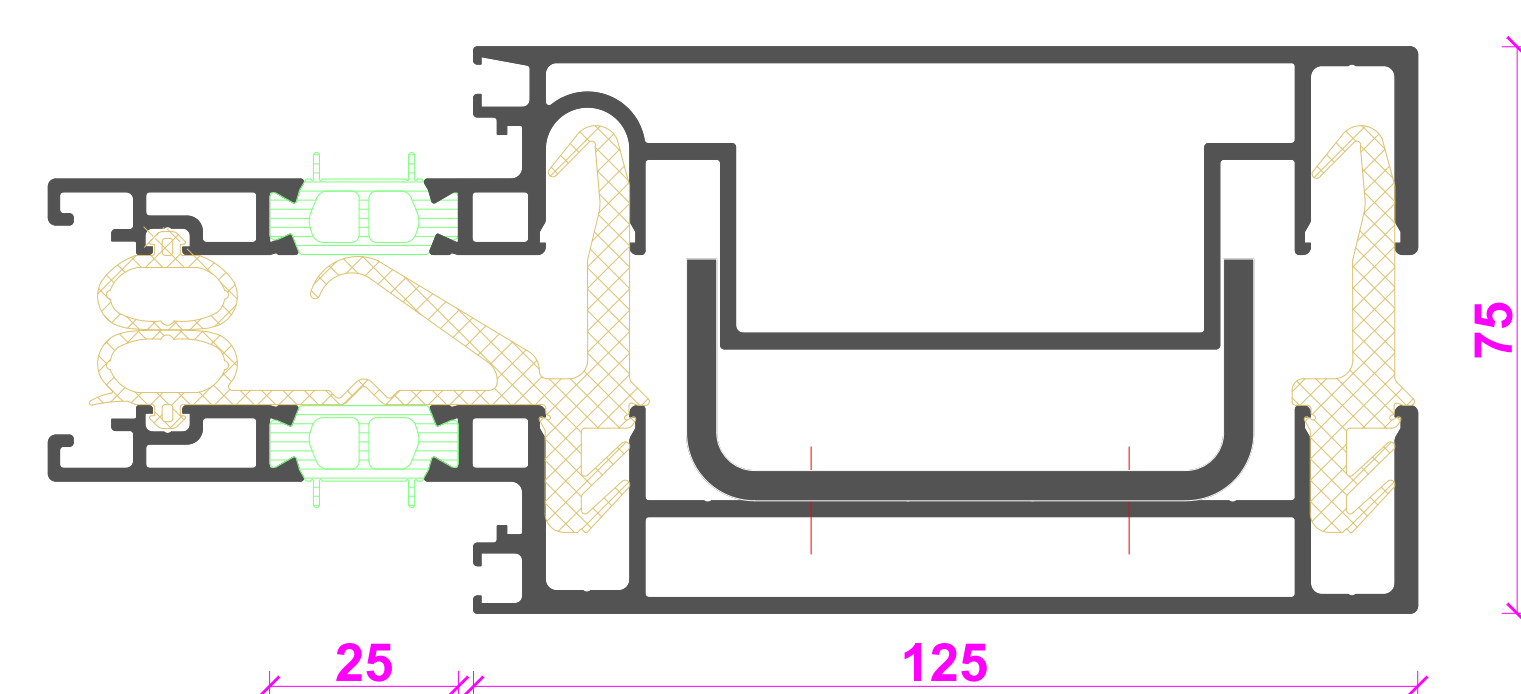
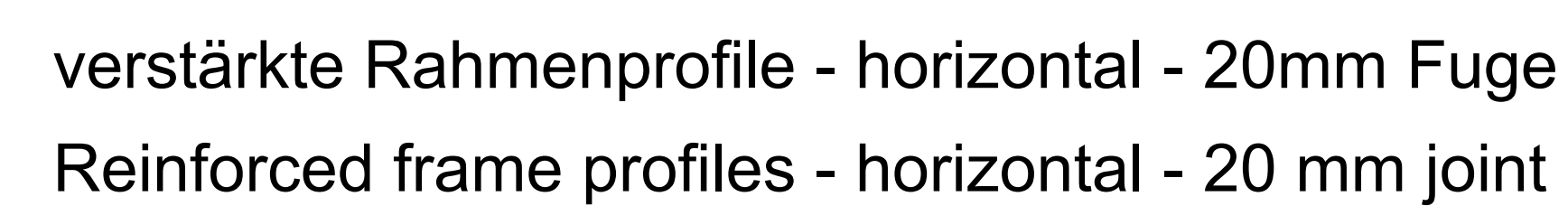
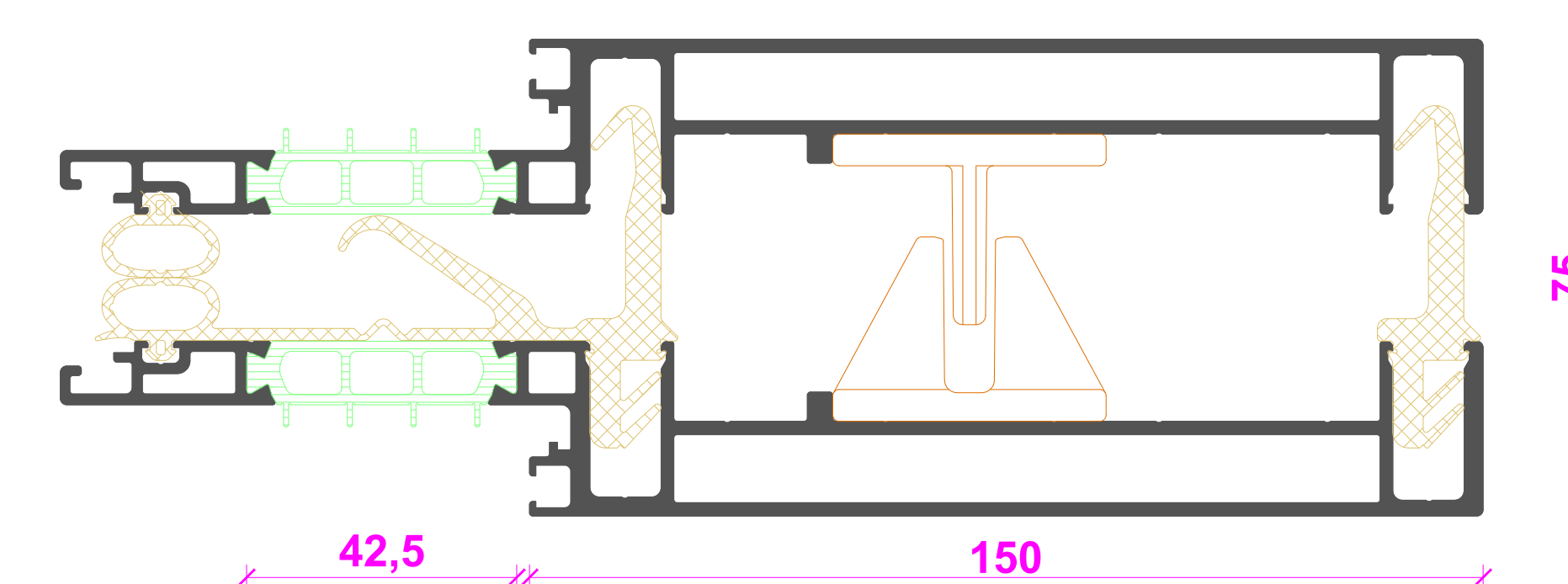
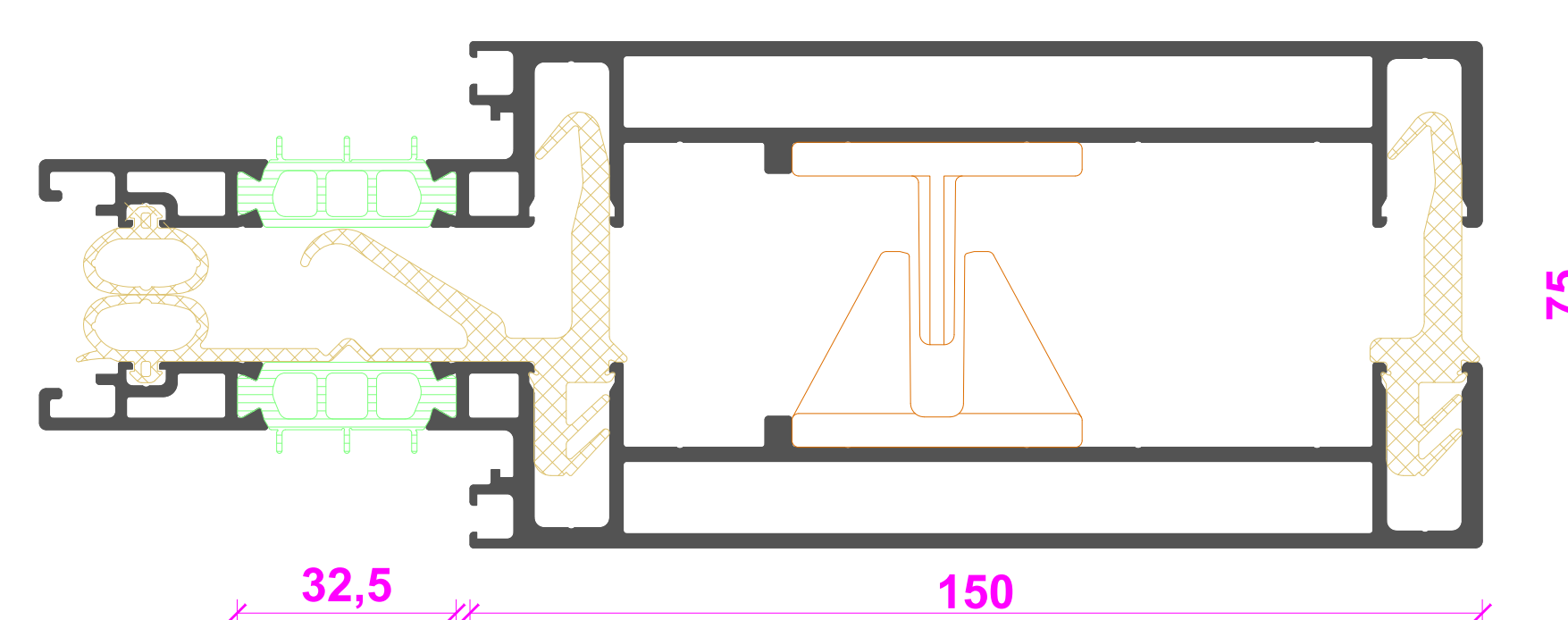
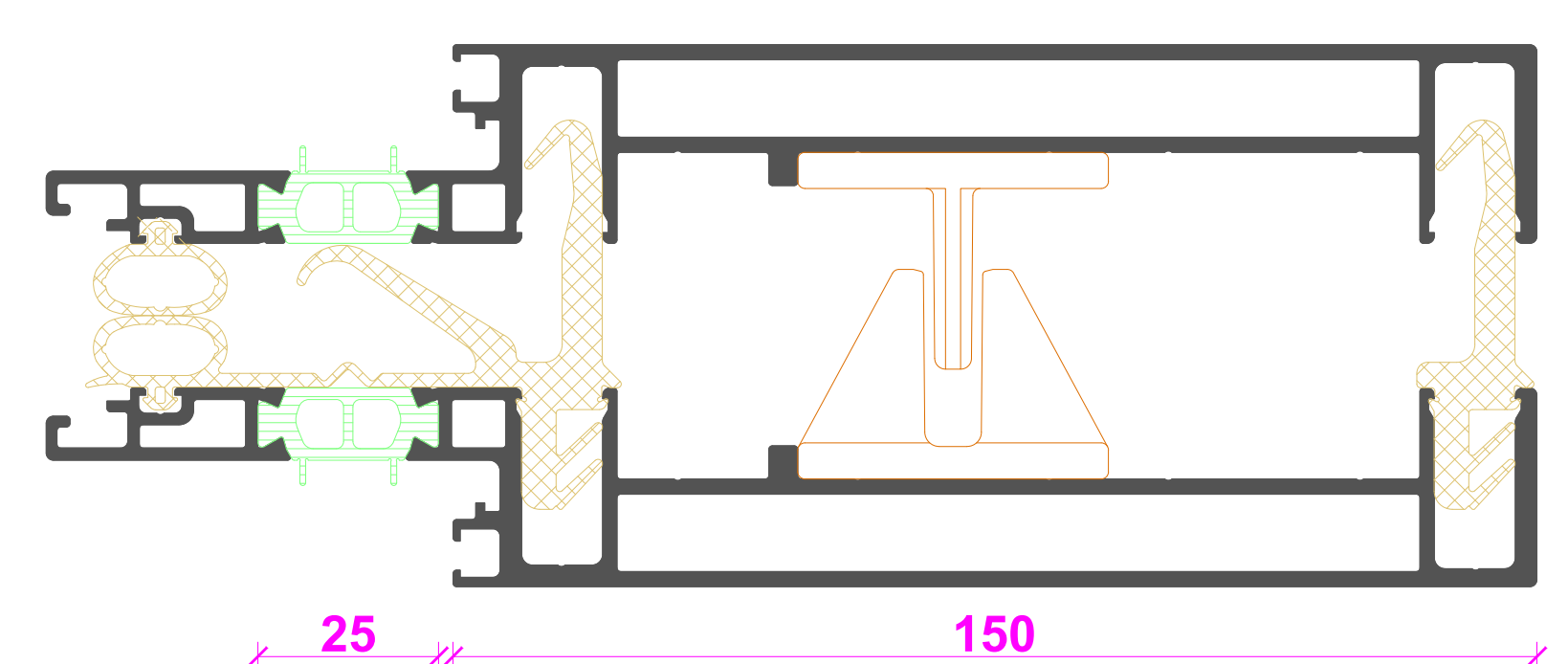
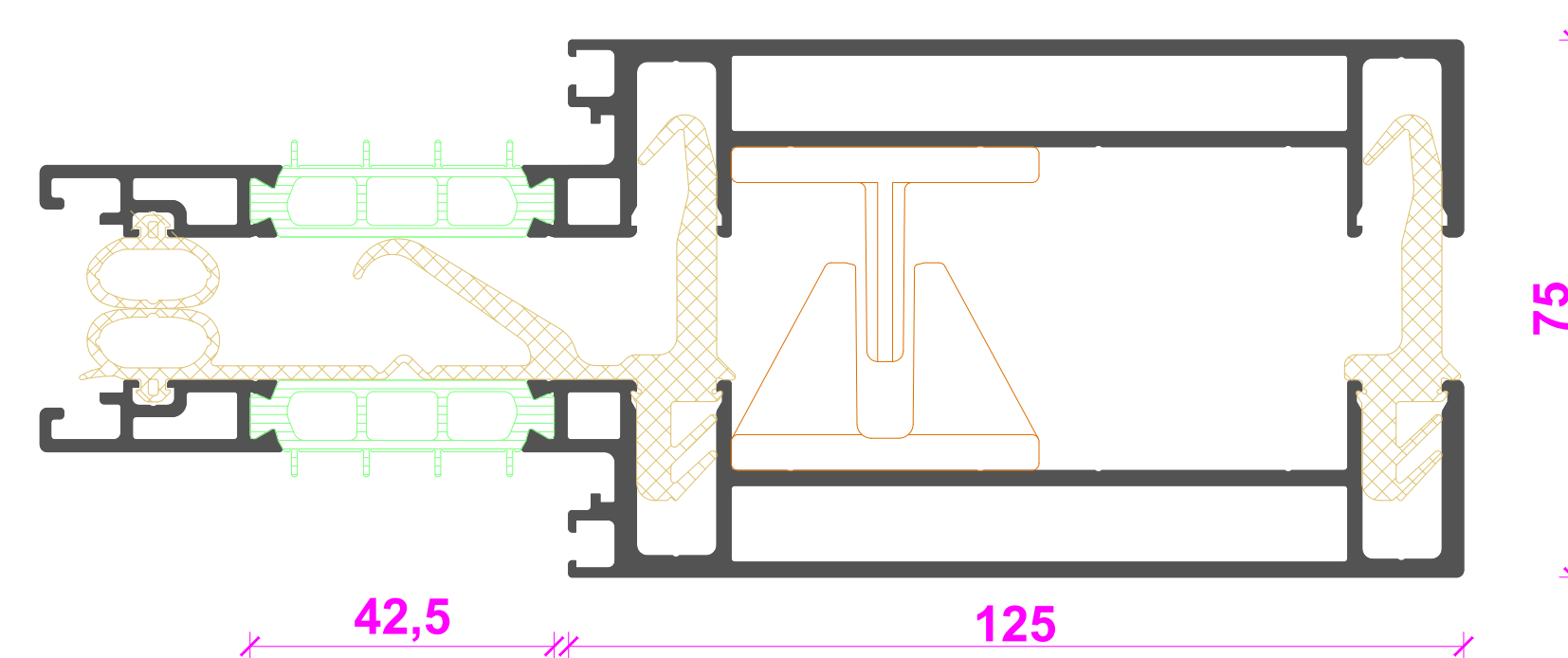
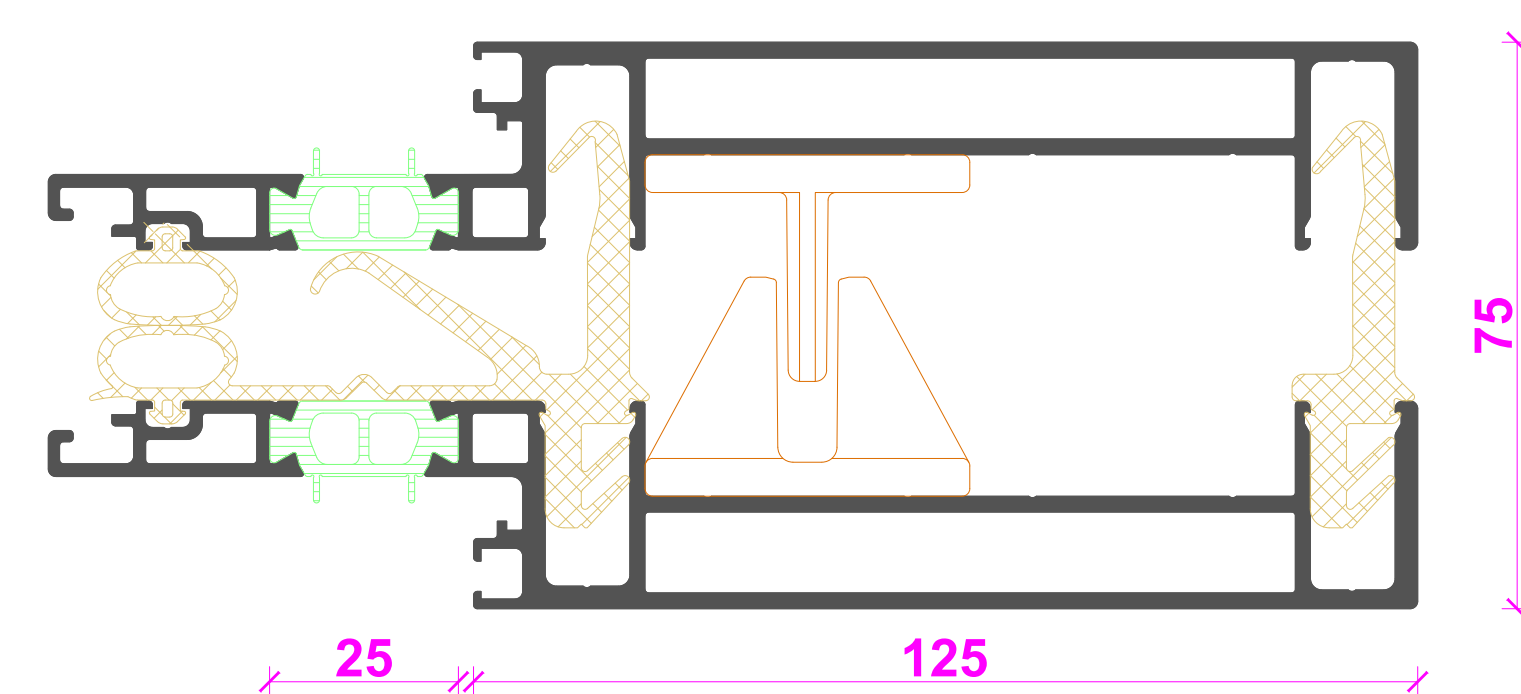
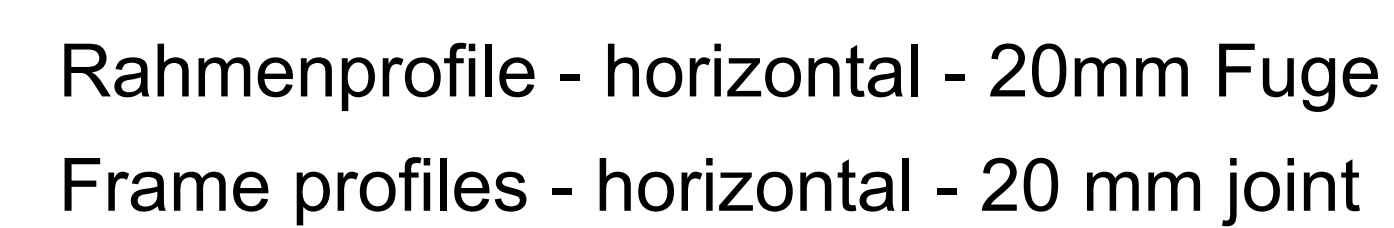


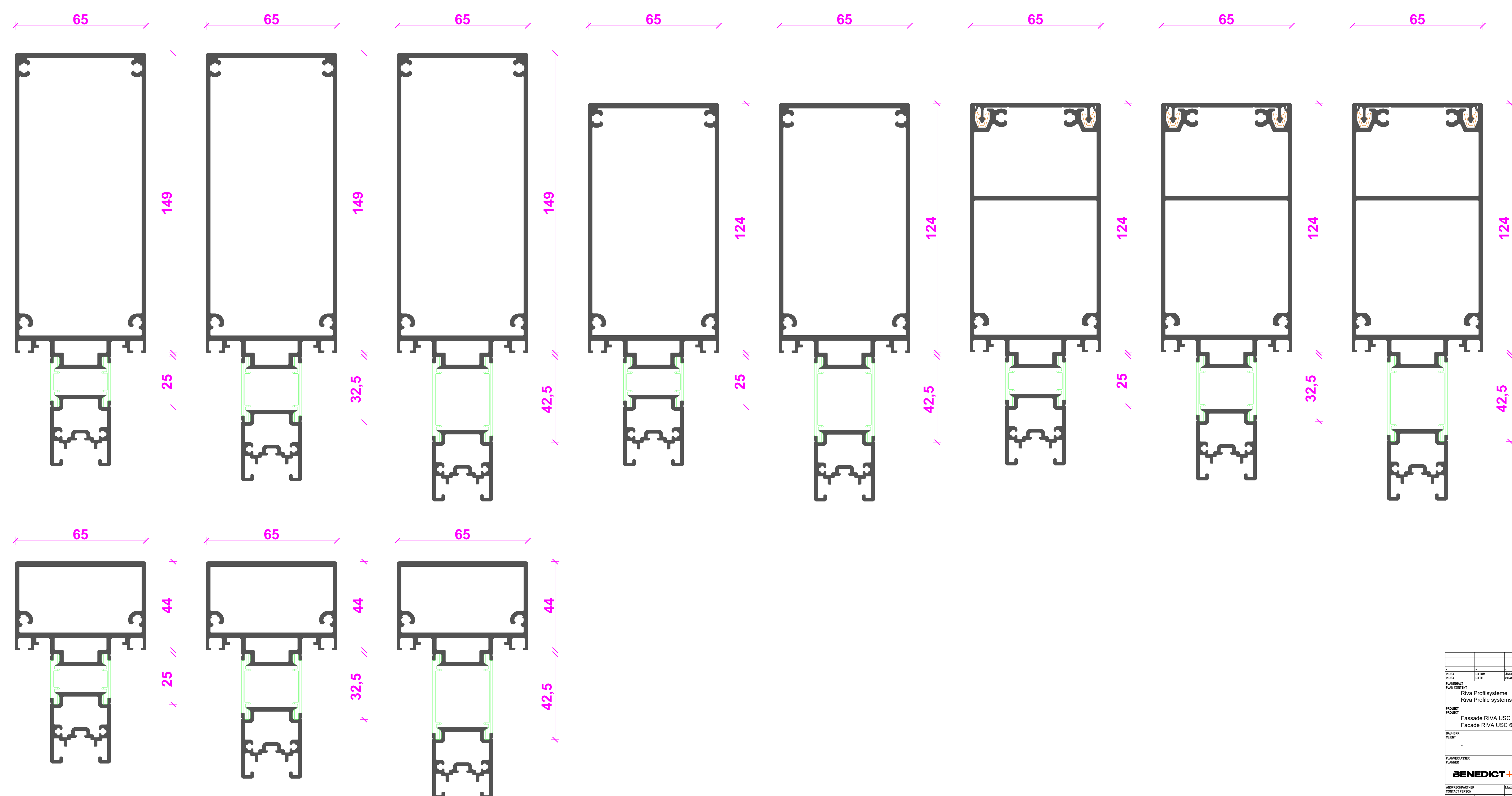
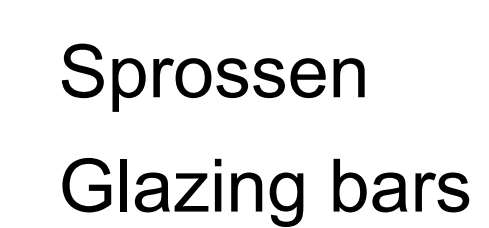
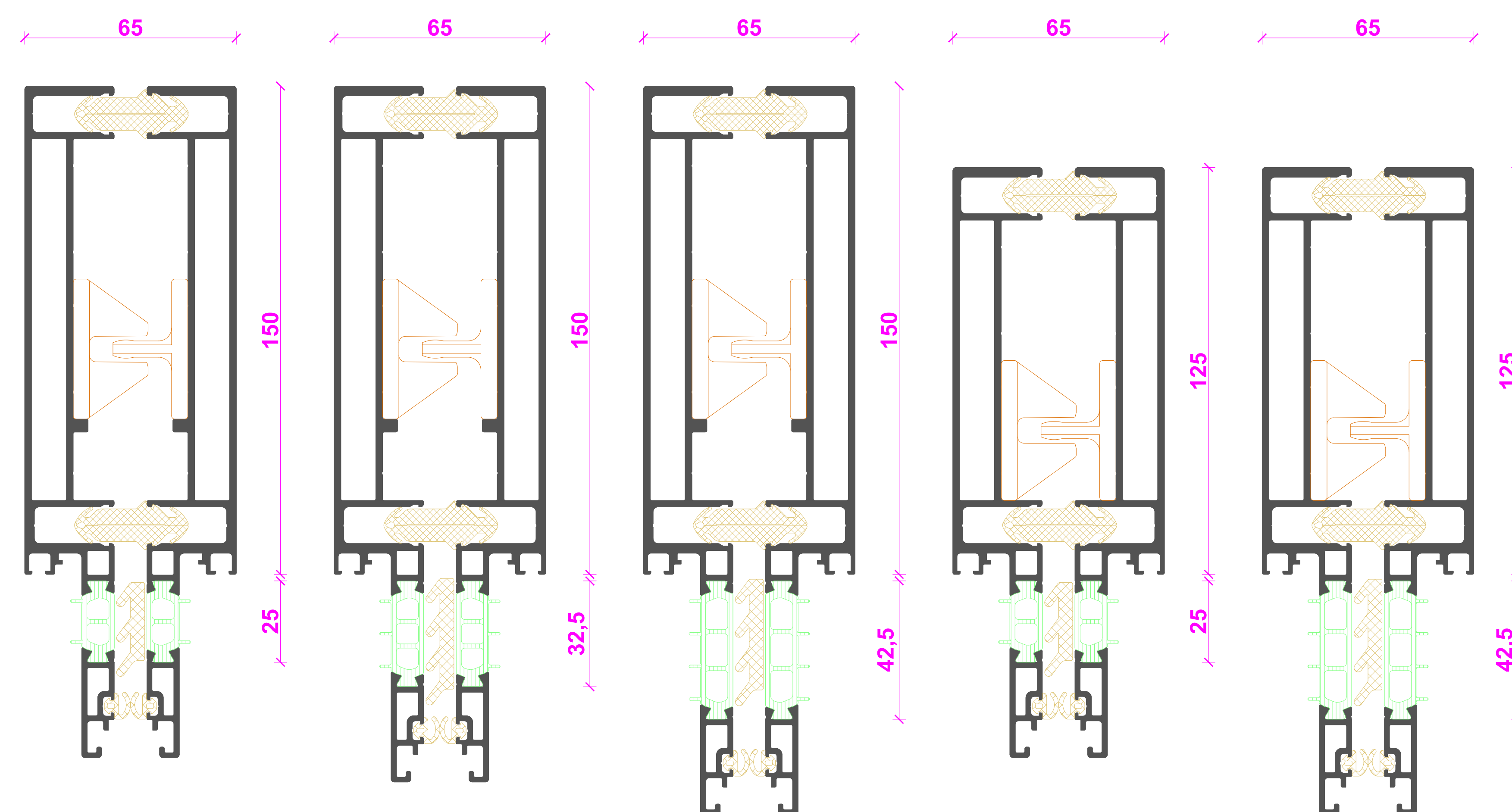
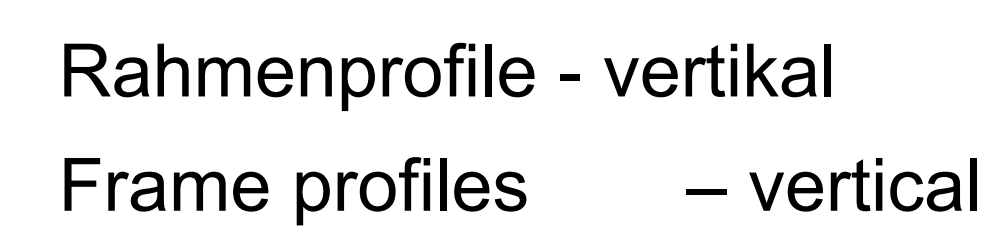
Ganzglasecke ohne Ecksprosse
All-glass corner without corner glazing bar

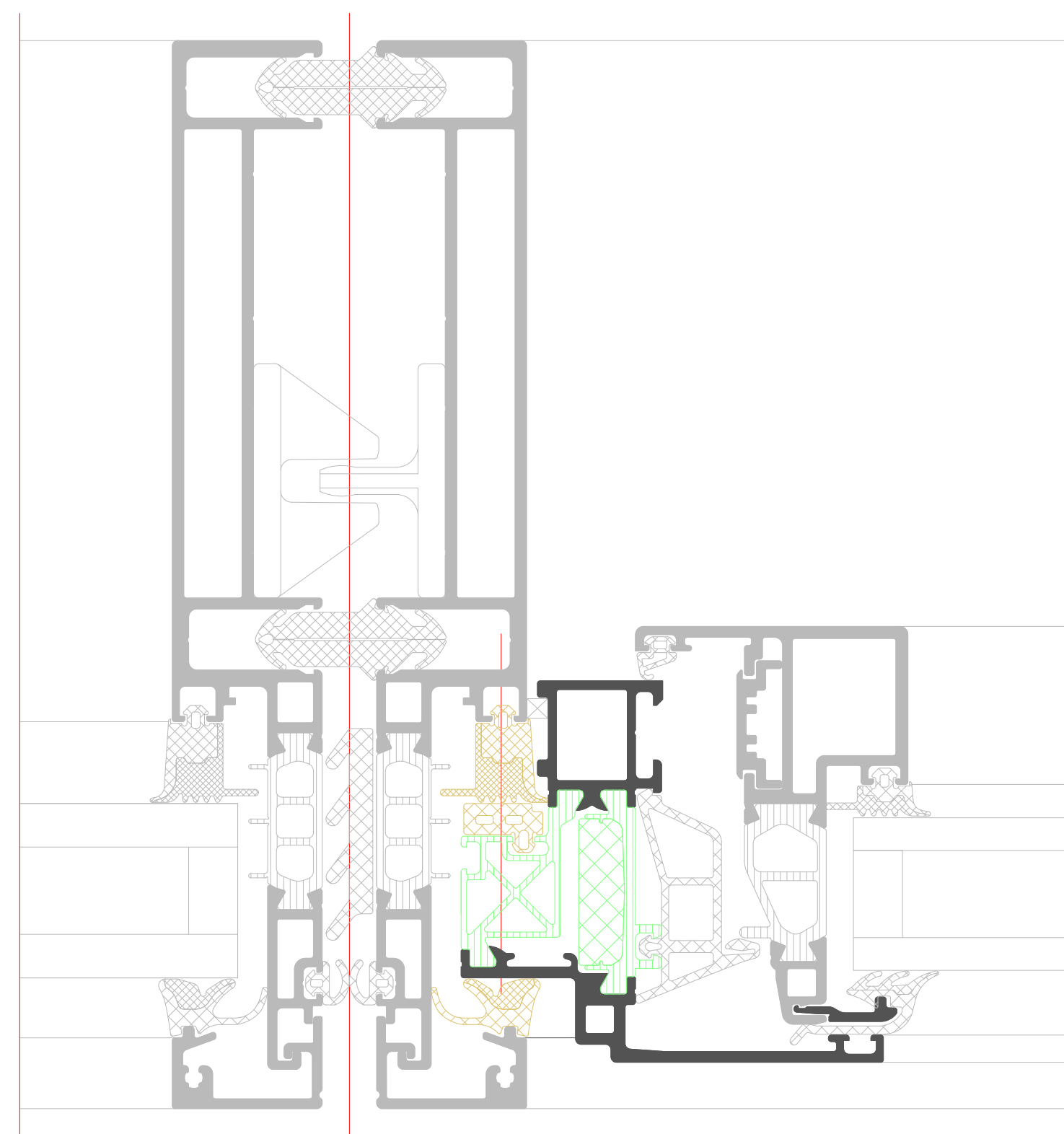
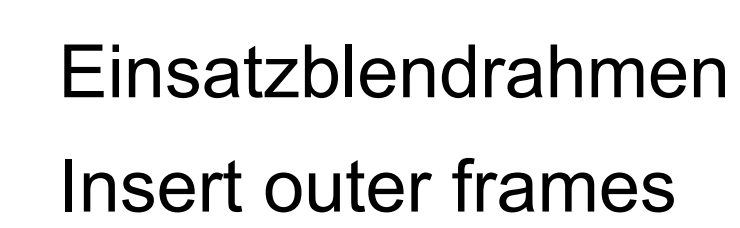
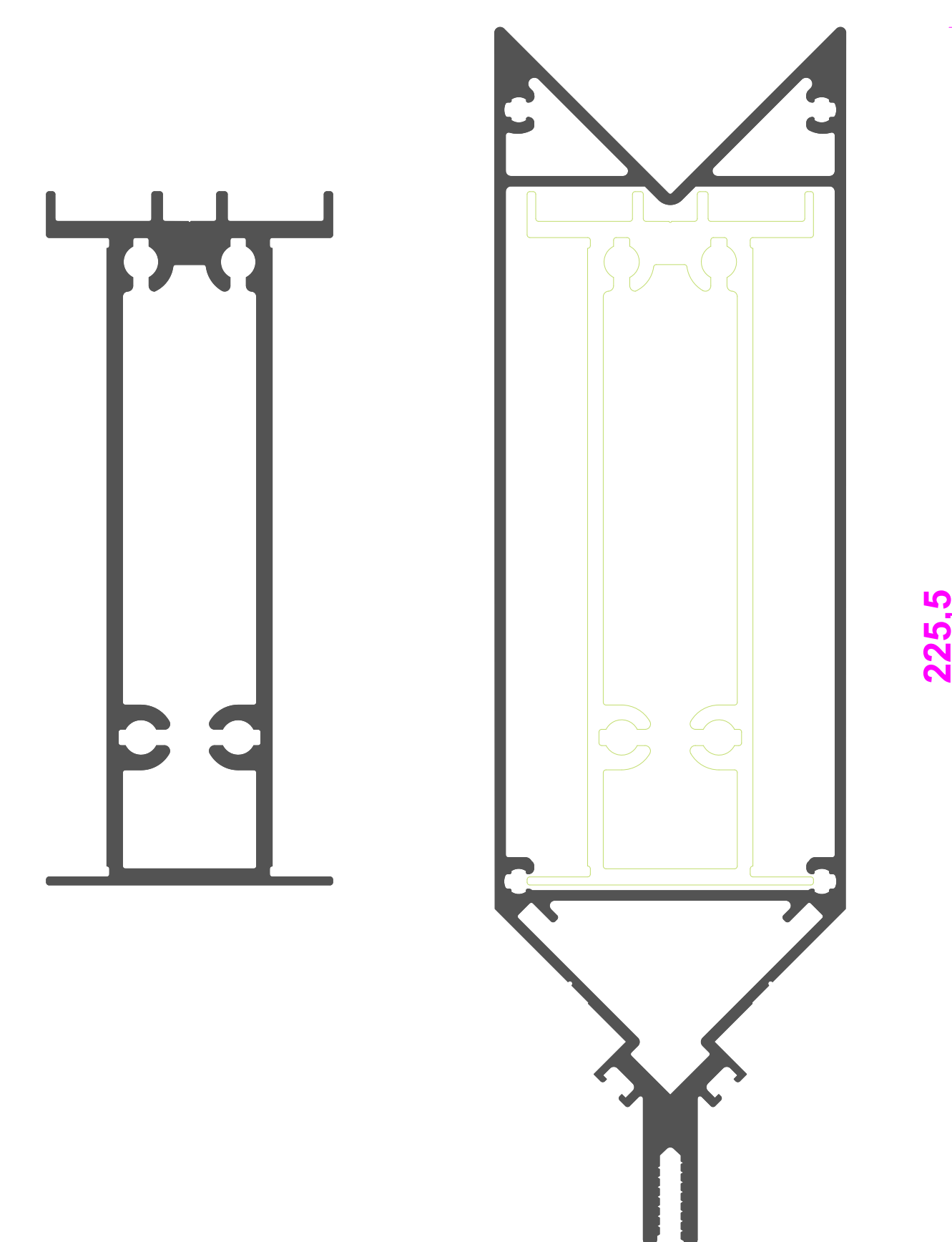
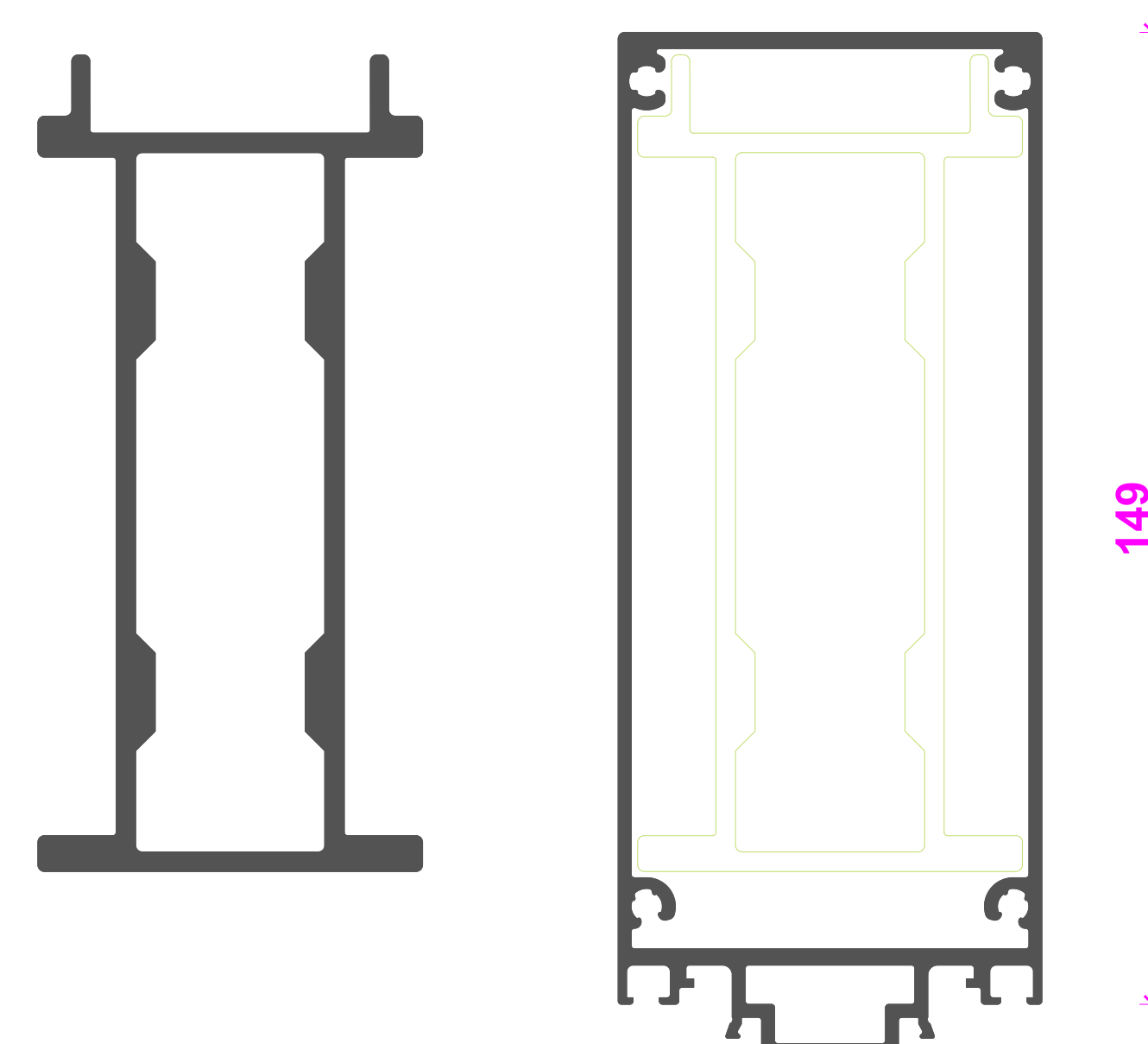
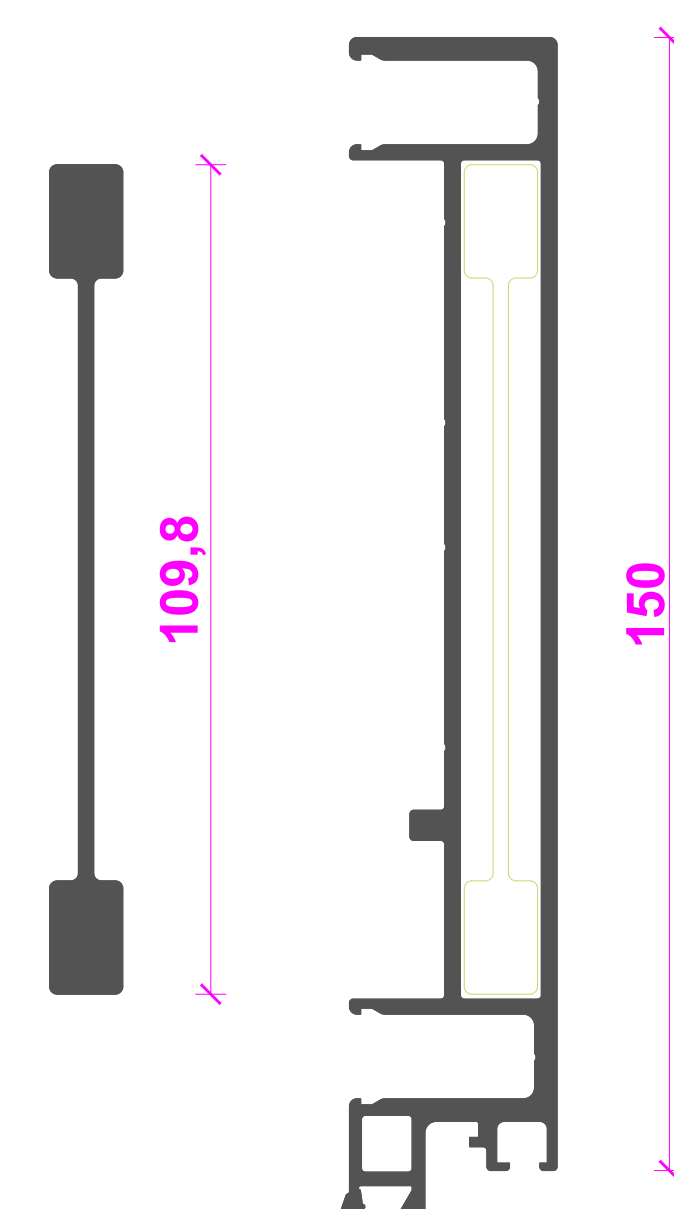
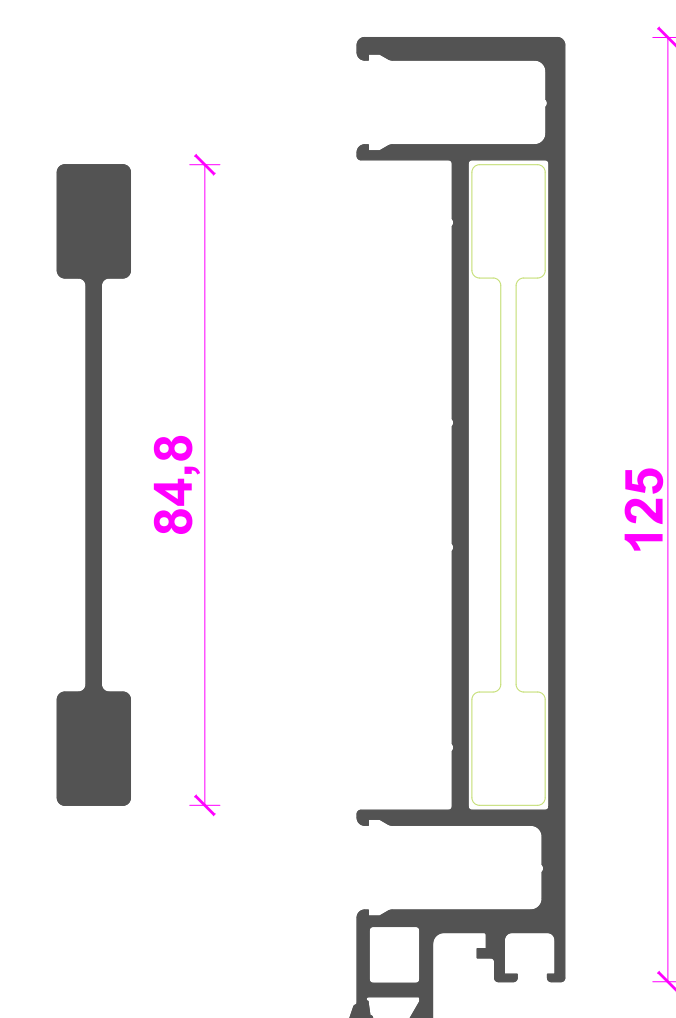
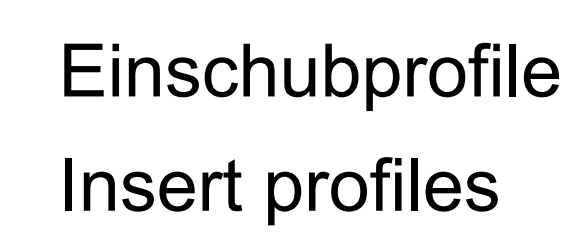
24

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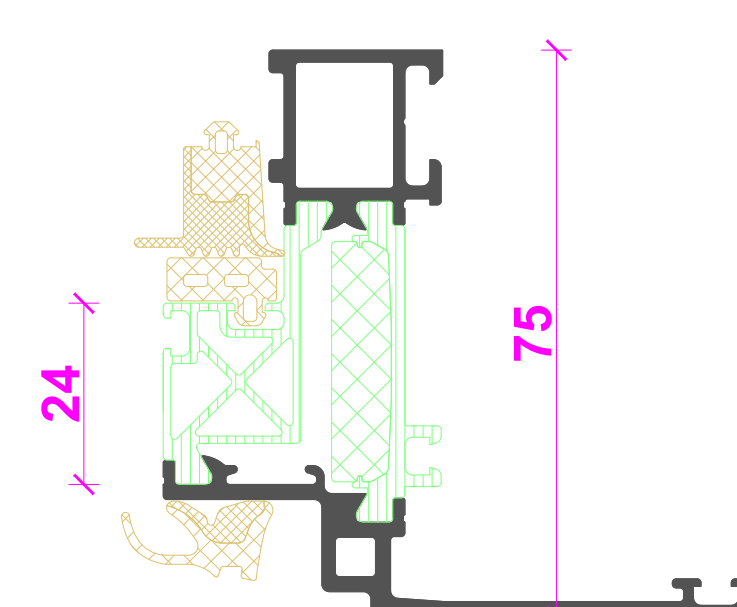






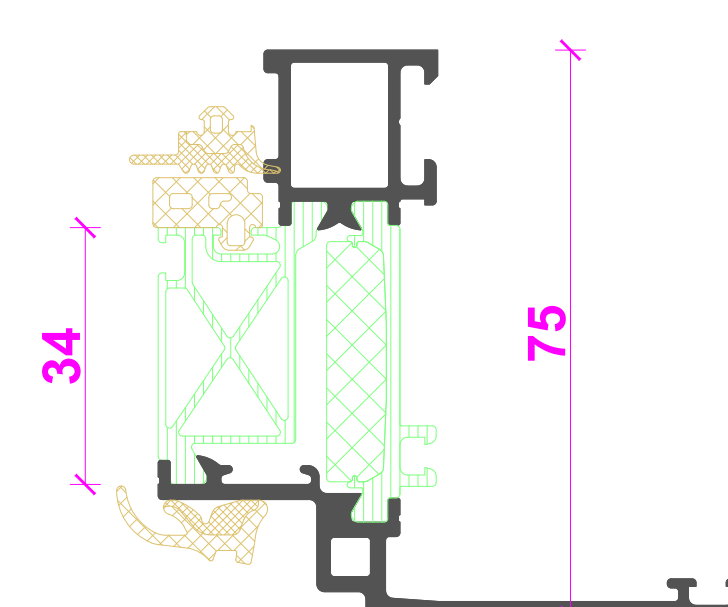


70 BS.HI
70 BS.HI



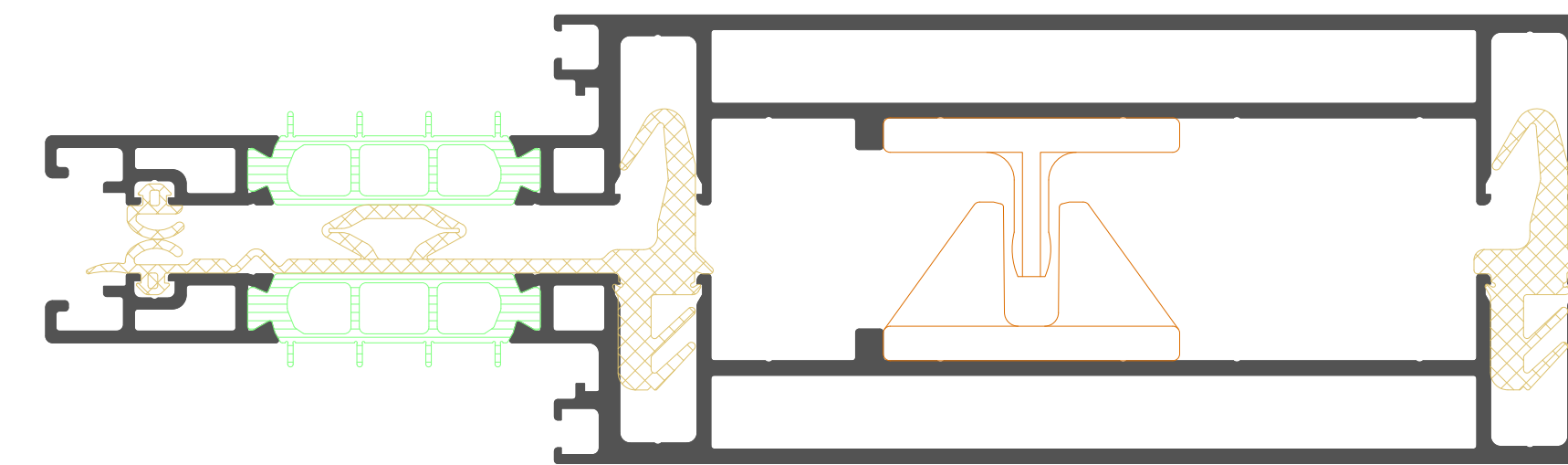
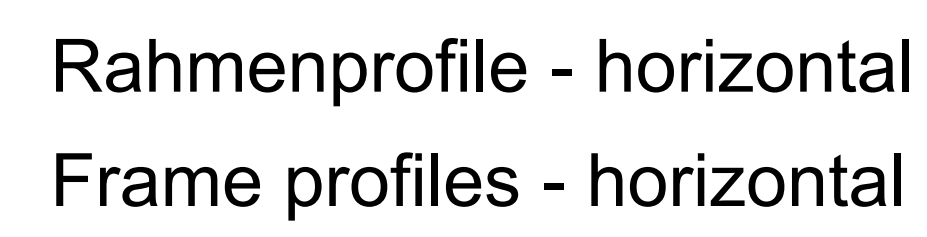
75 BS.HI+

75 BS.HI+

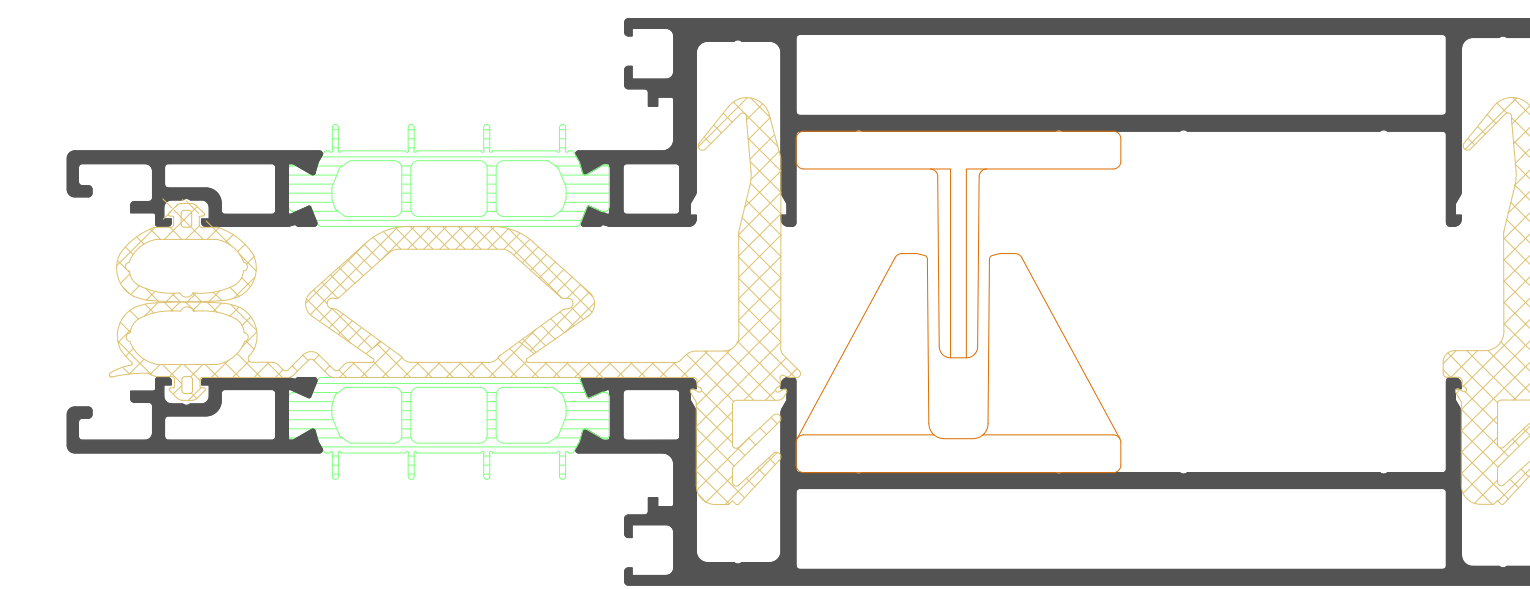
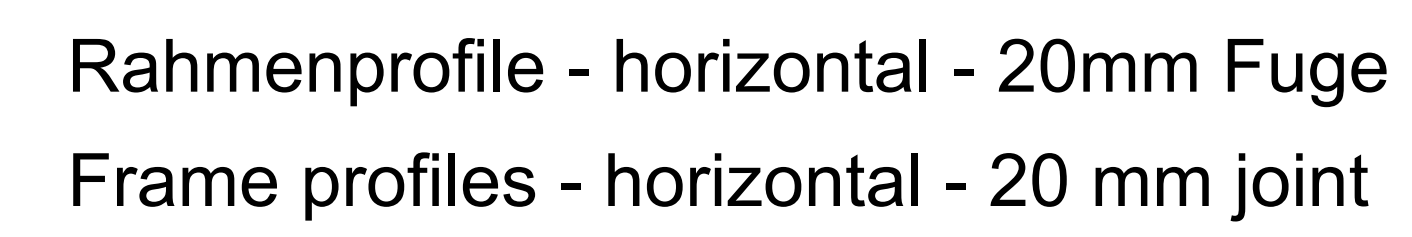


75 BS.HI+

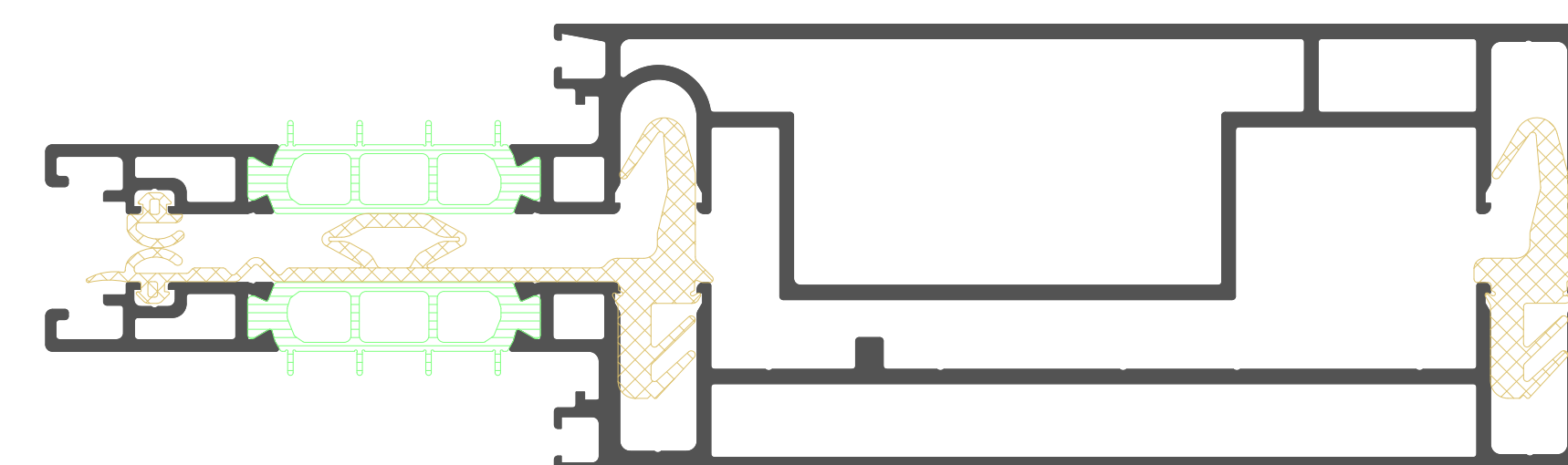
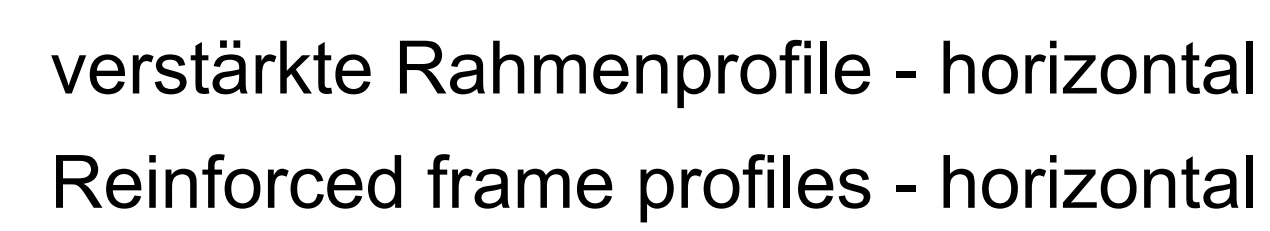
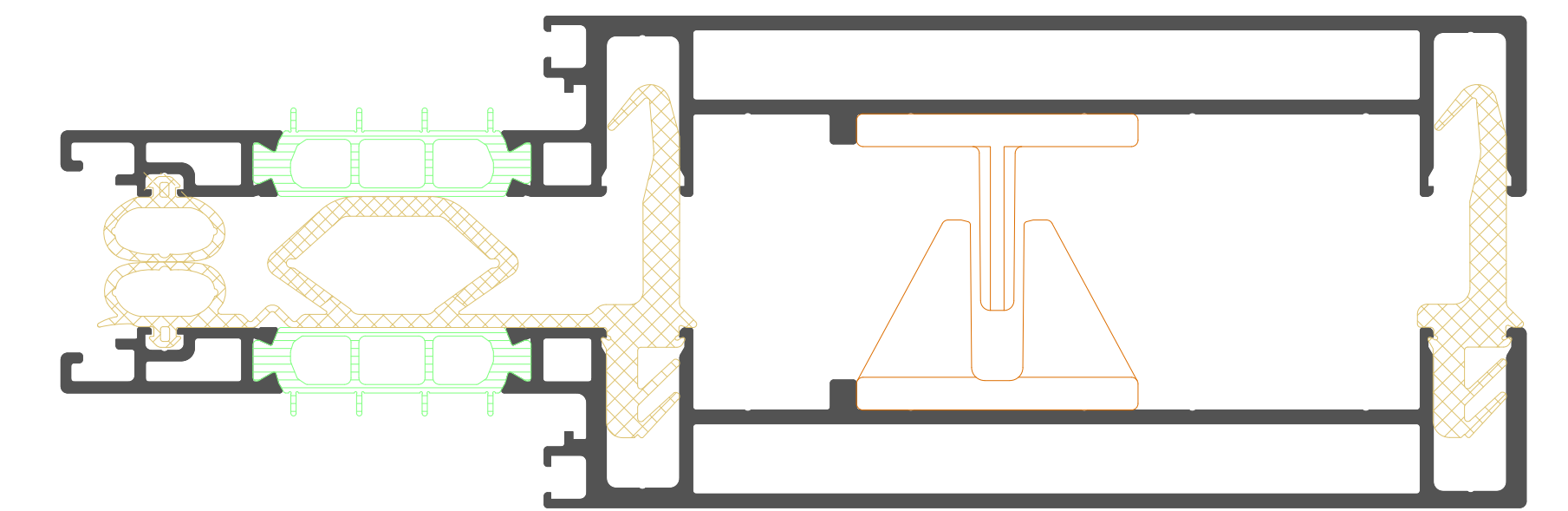
75 BS.HI+



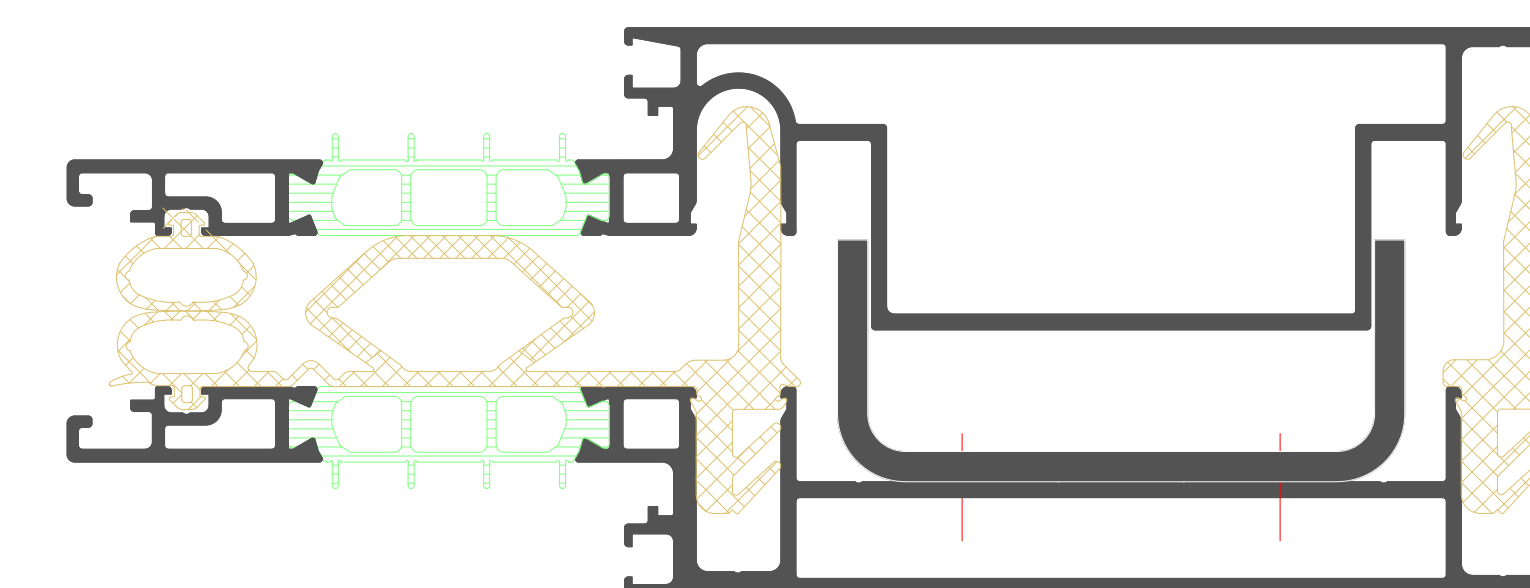
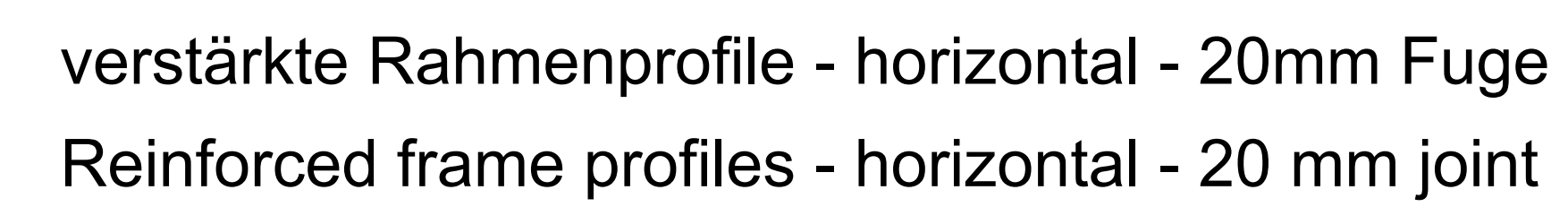
A horizontal number line is shown, ranging from 0 to 200. Major tick marks are labeled every 10 units: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, and 200. The number 42,5 is marked with a single tick mark between 40 and 50. The number 150 is marked with a double tick mark at the 150 position.



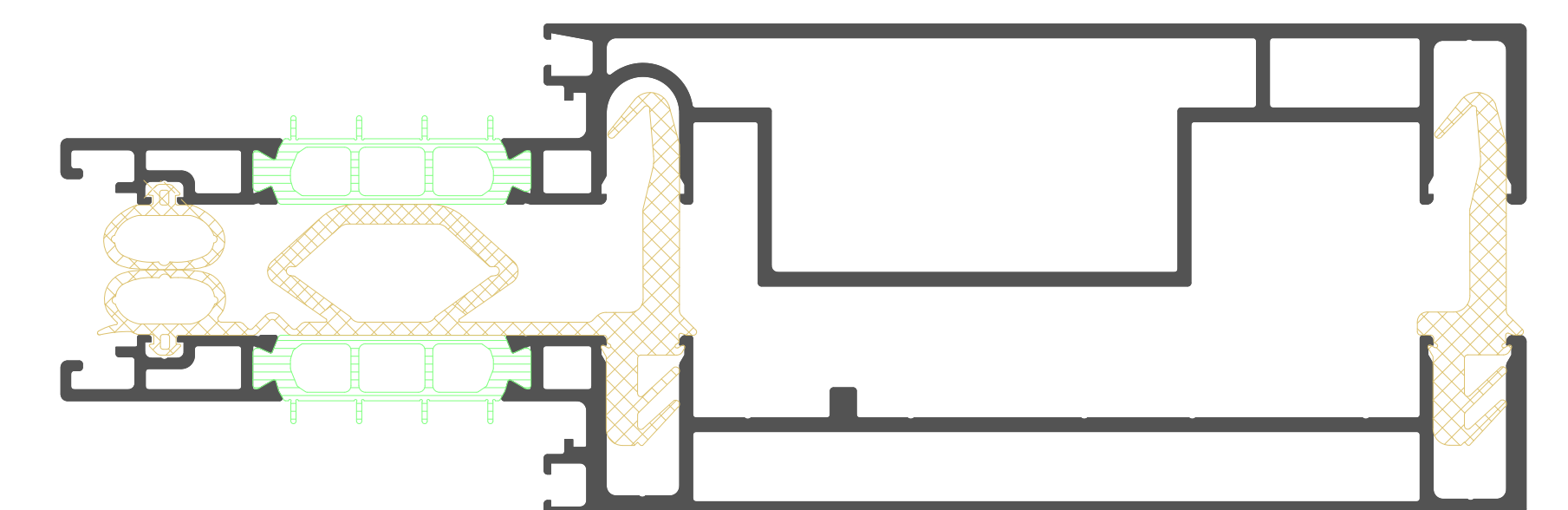
A horizontal number line is shown with tick marks every 10 units, labeled from 0 to 150. The number 42,5 is marked with a single tick mark, and 125 is marked with a double tick mark.



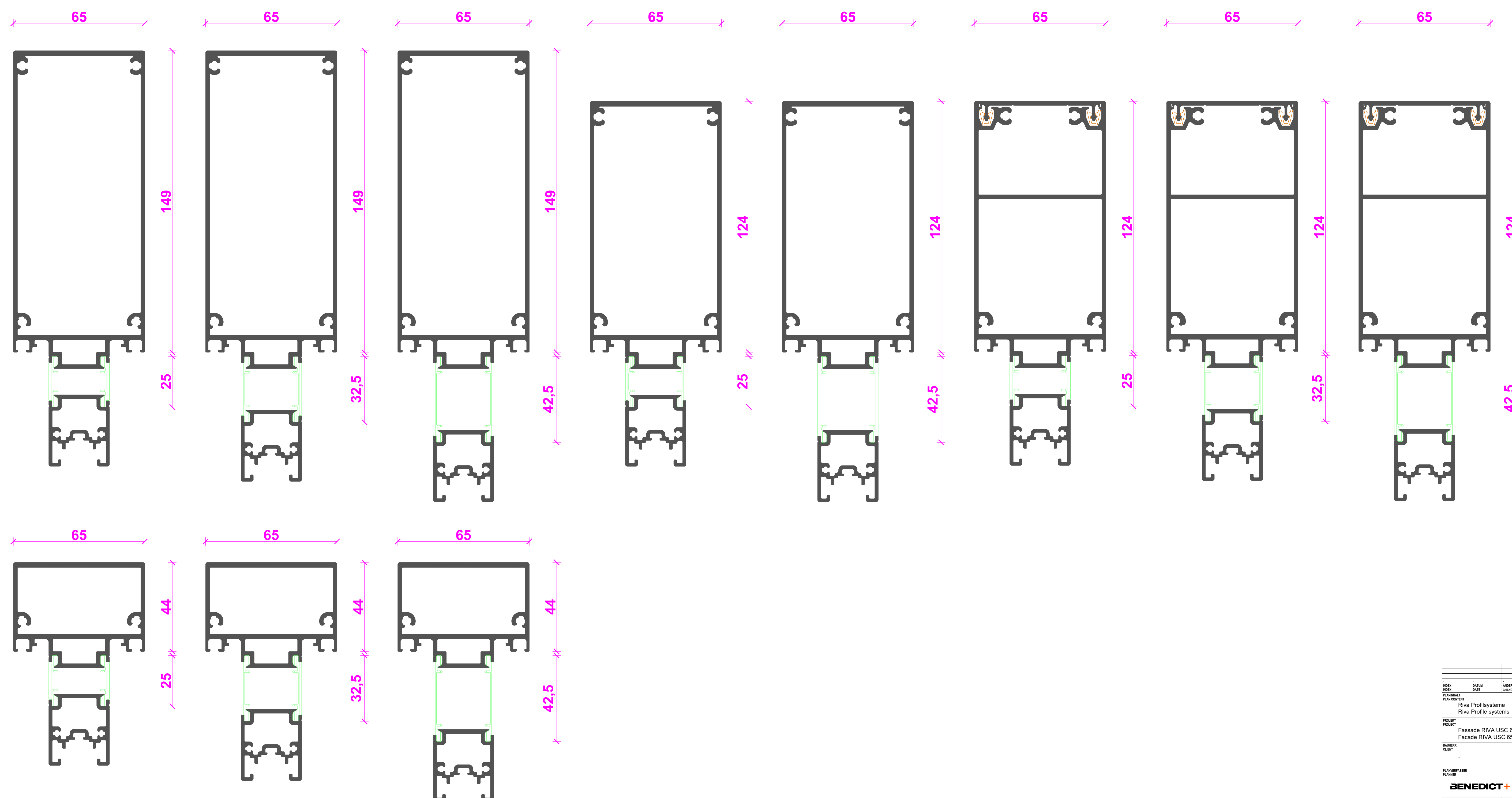
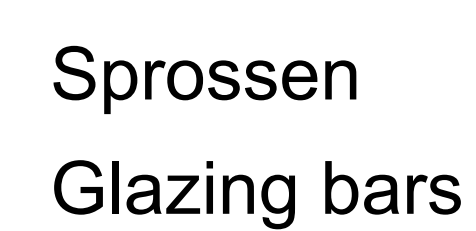
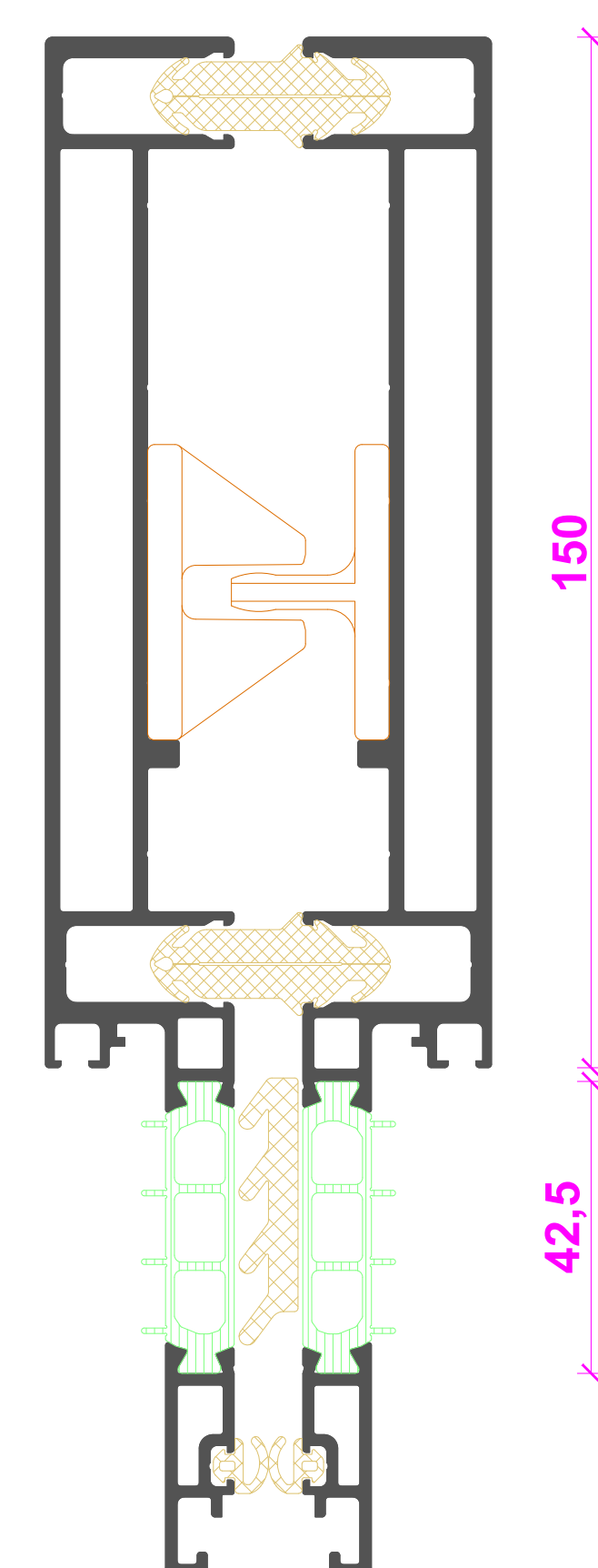
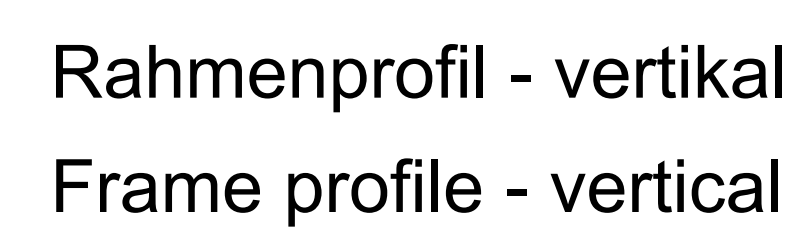
A horizontal number line starting at 0 and ending at 200. Major tick marks are labeled every 10 units: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200. A single tick mark is placed at 42,5, and a double tick mark is placed at 150.

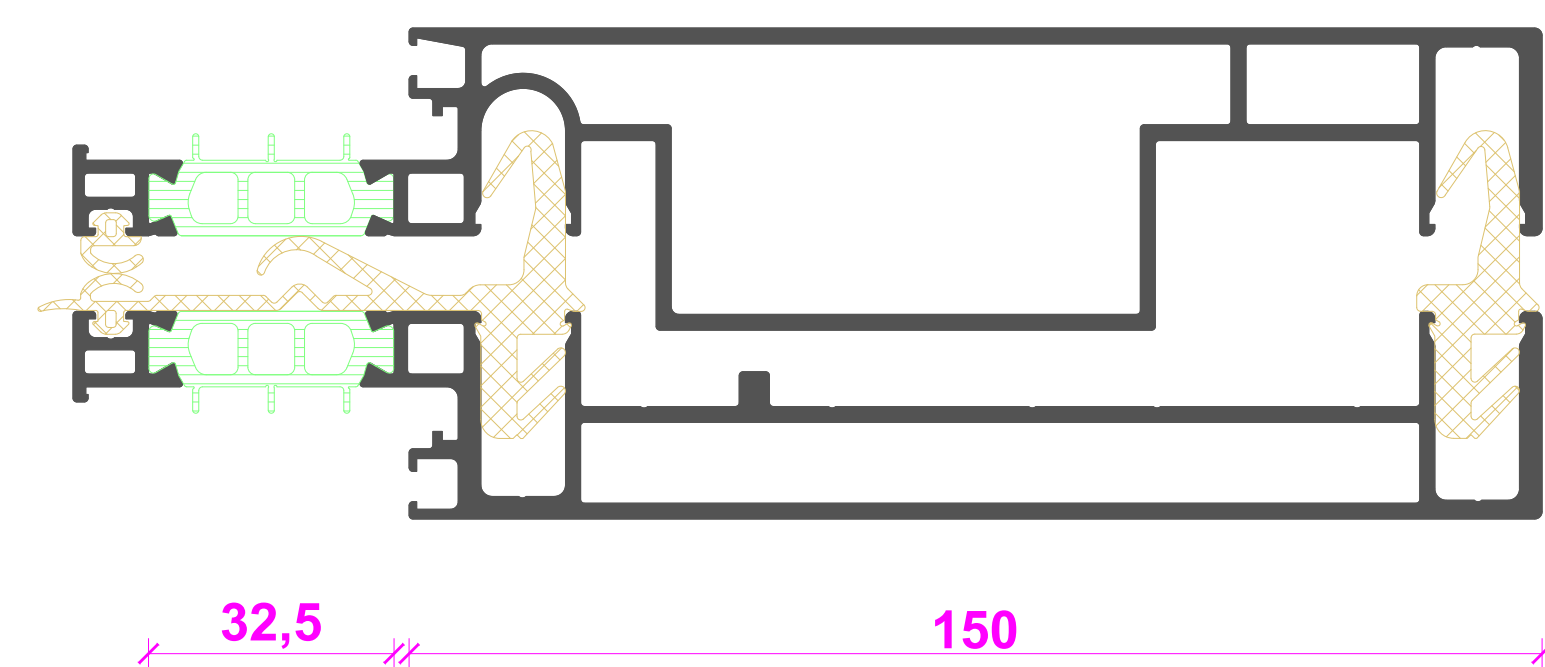
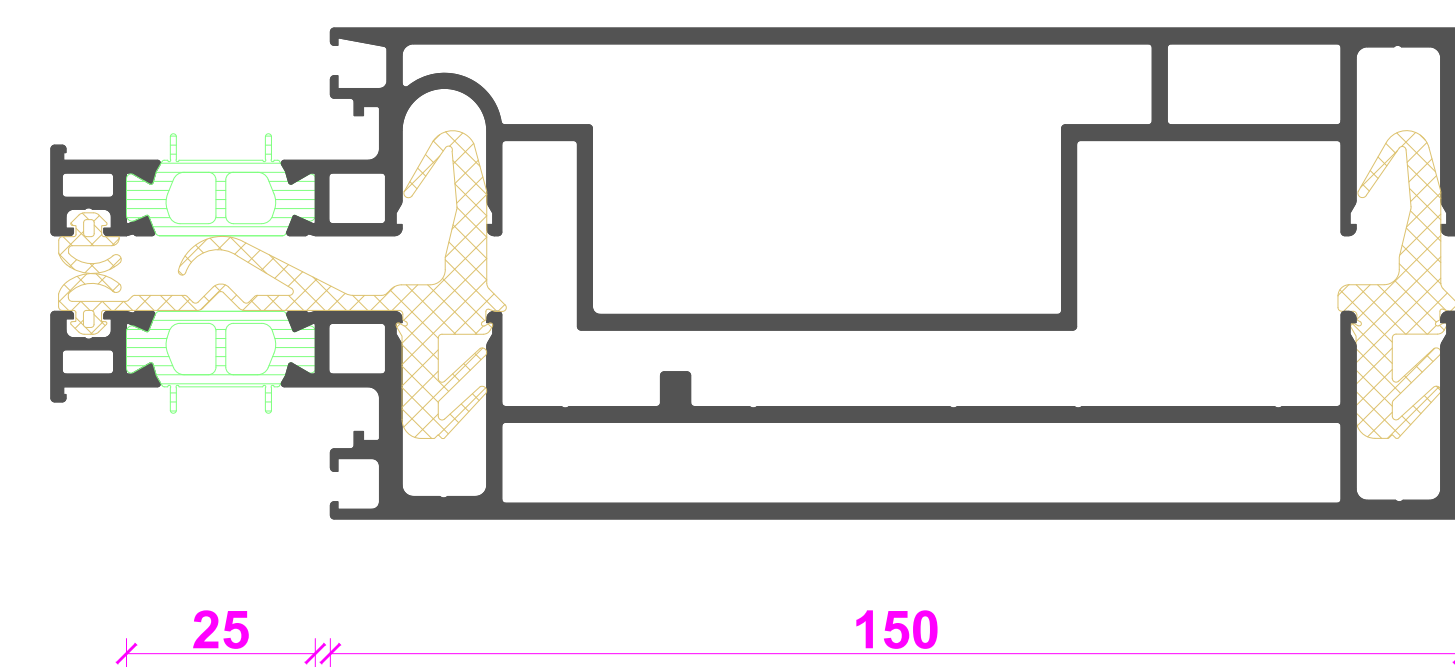
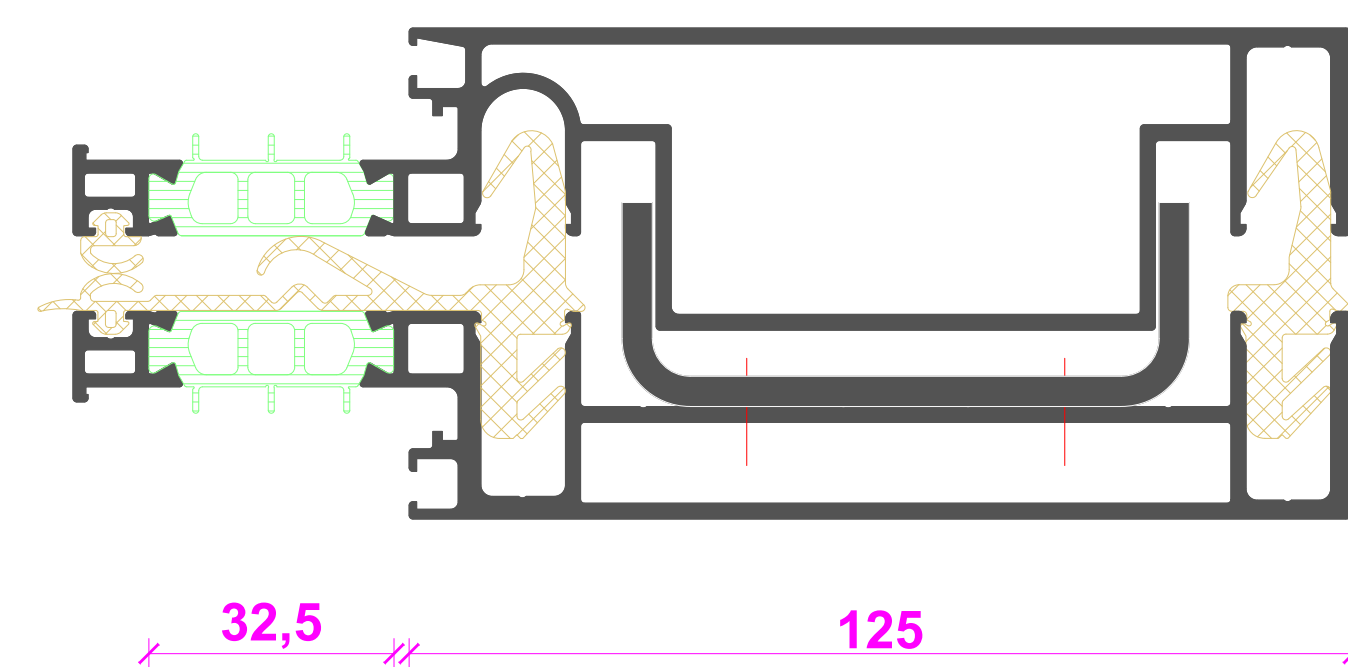
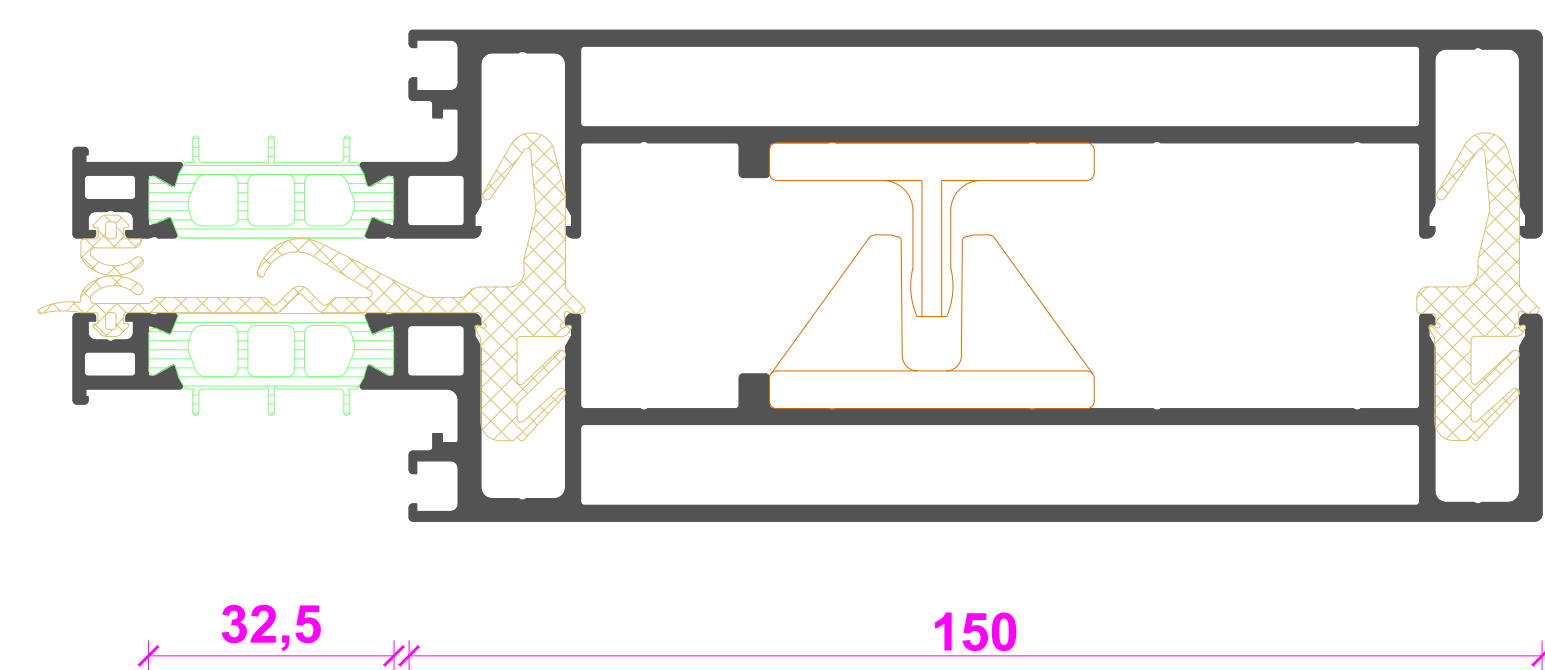
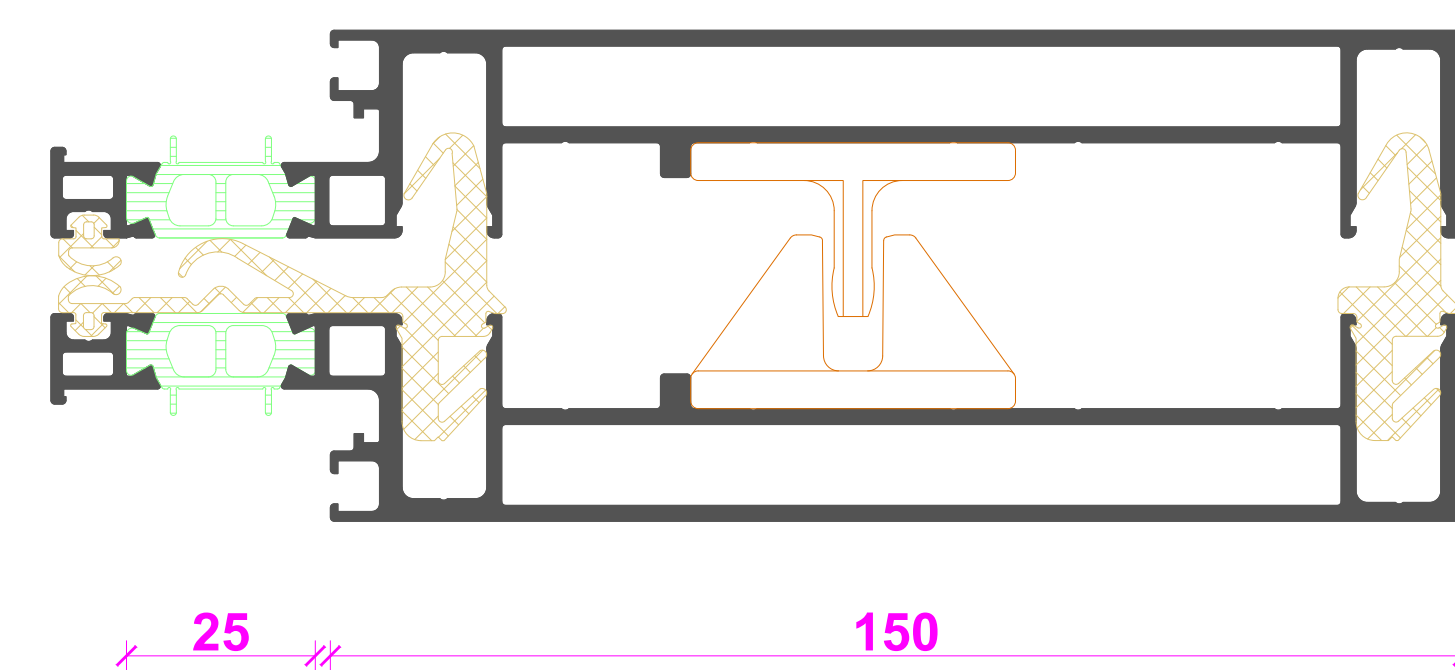
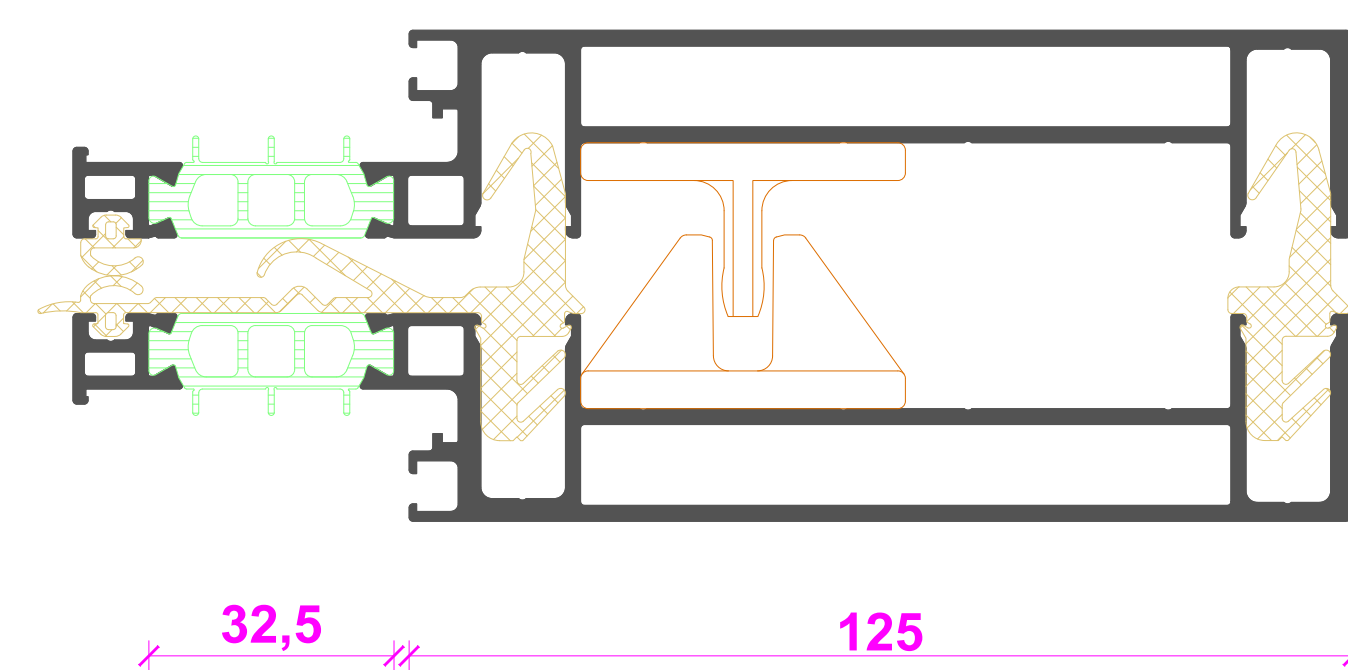
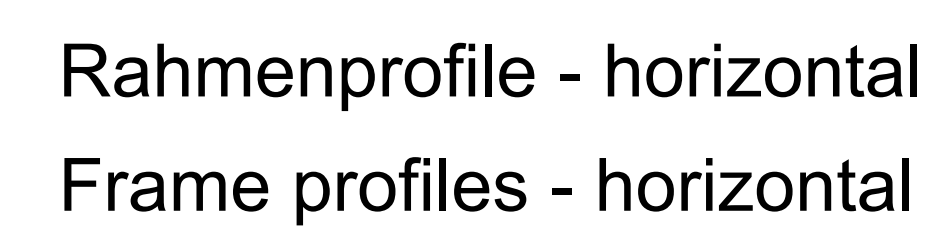


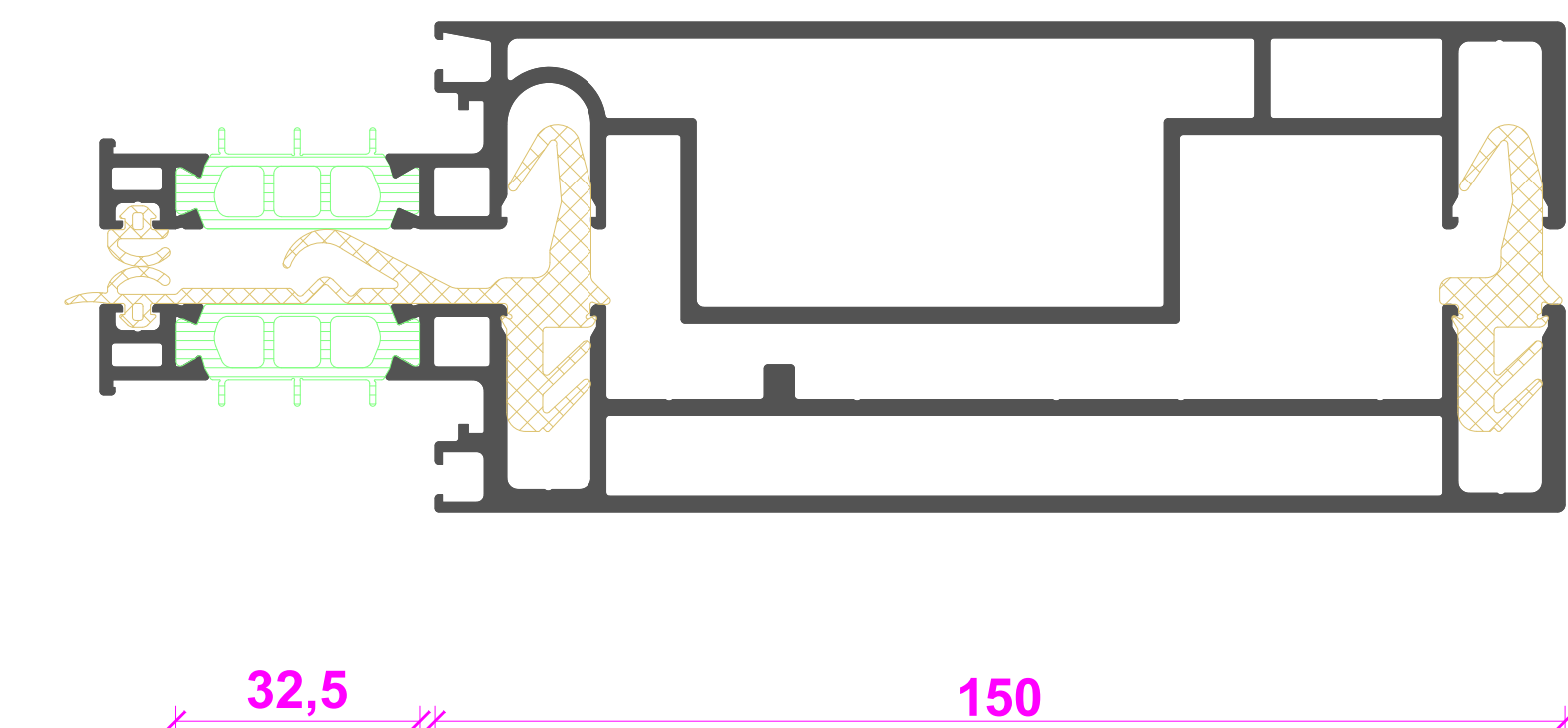
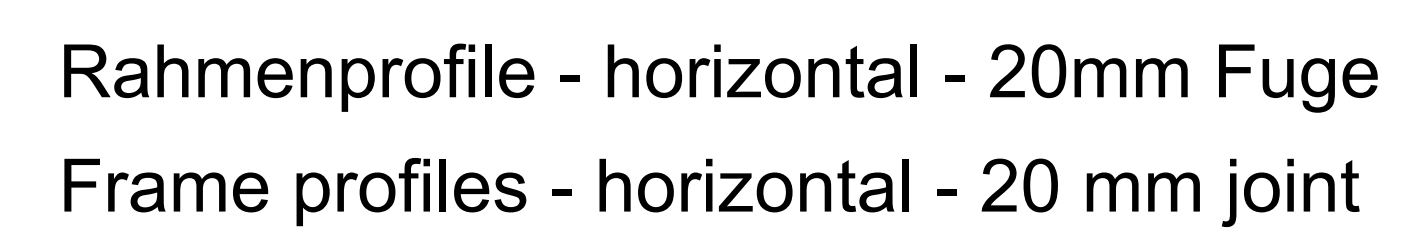
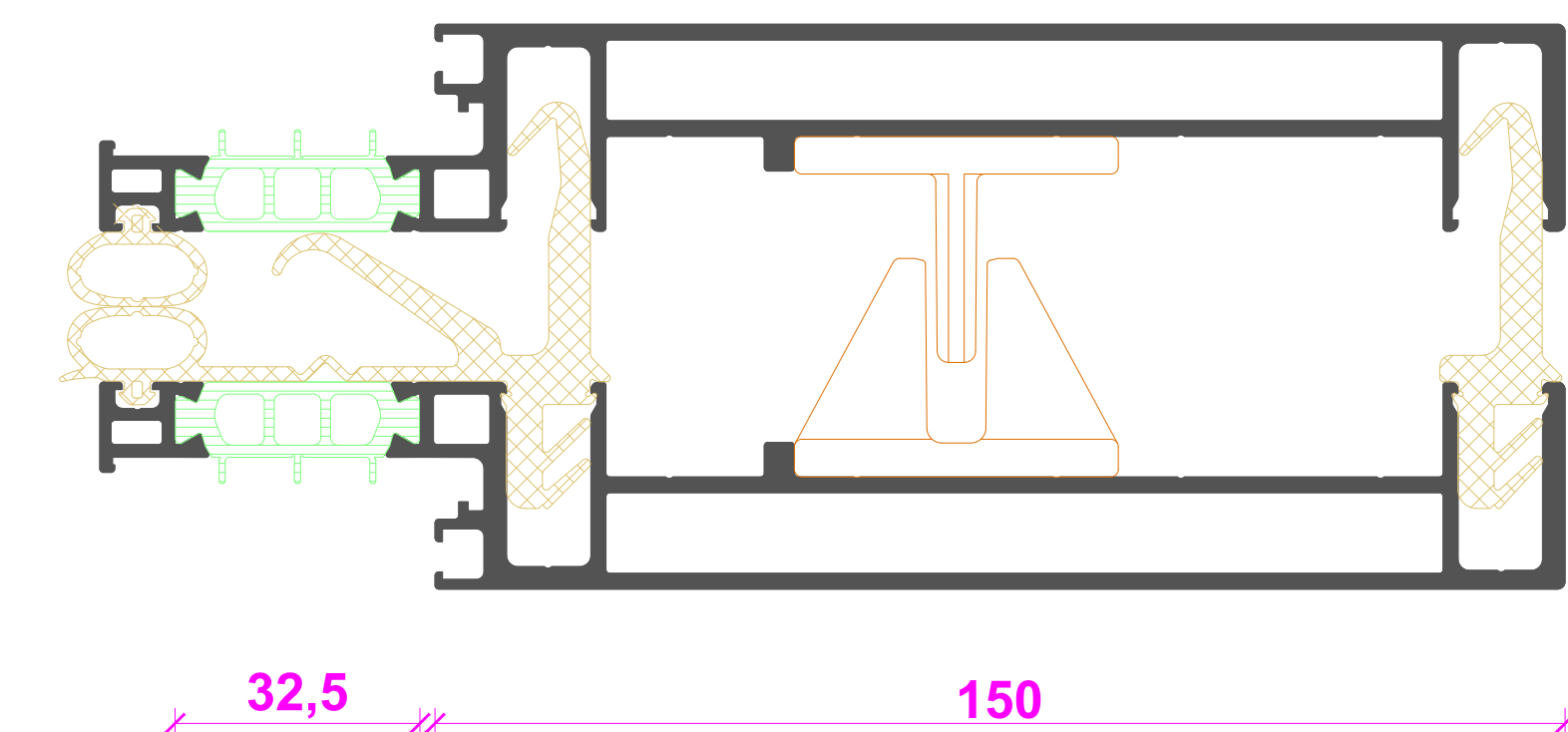
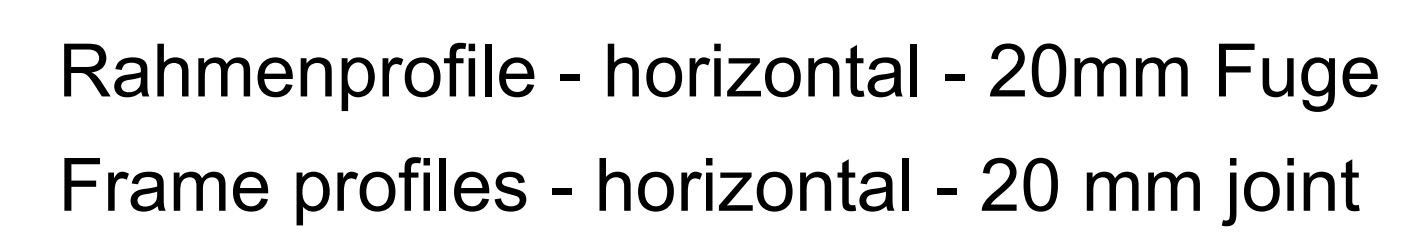
A horizontal number line starting at 0 and ending at 150. There is a break in the line between 42,5 and 125, indicated by two parallel slanted lines. The number 42,5 is marked above the line, and 125 is marked above the line. The segment from 0 to 42,5 is shaded light blue, and the segment from 125 to 150 is shaded light blue. The segment between 42,5 and 125 is unshaded.

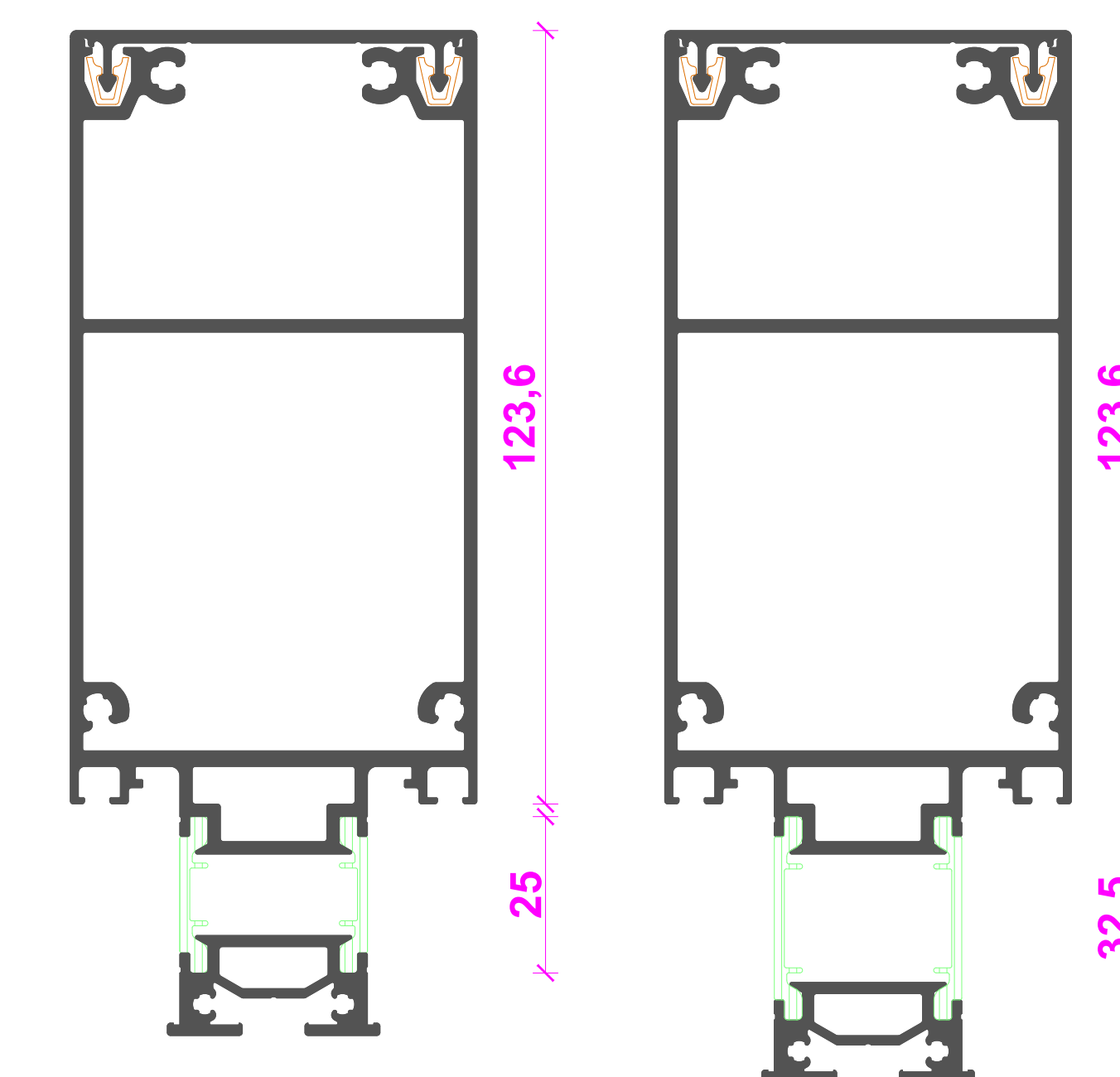
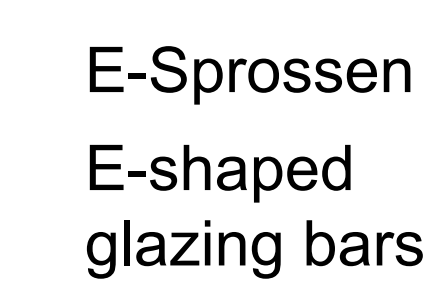
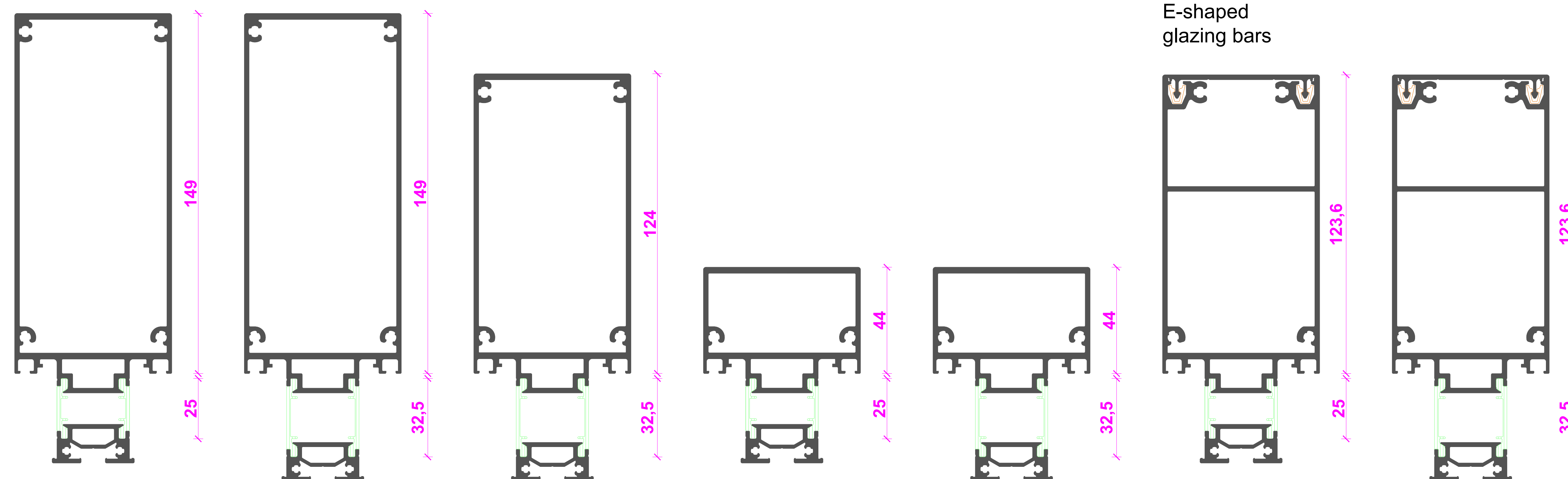
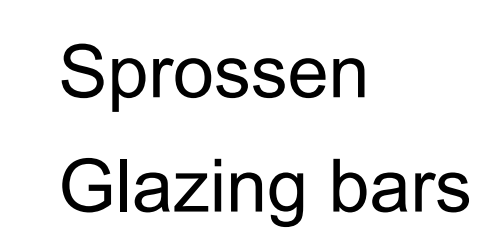
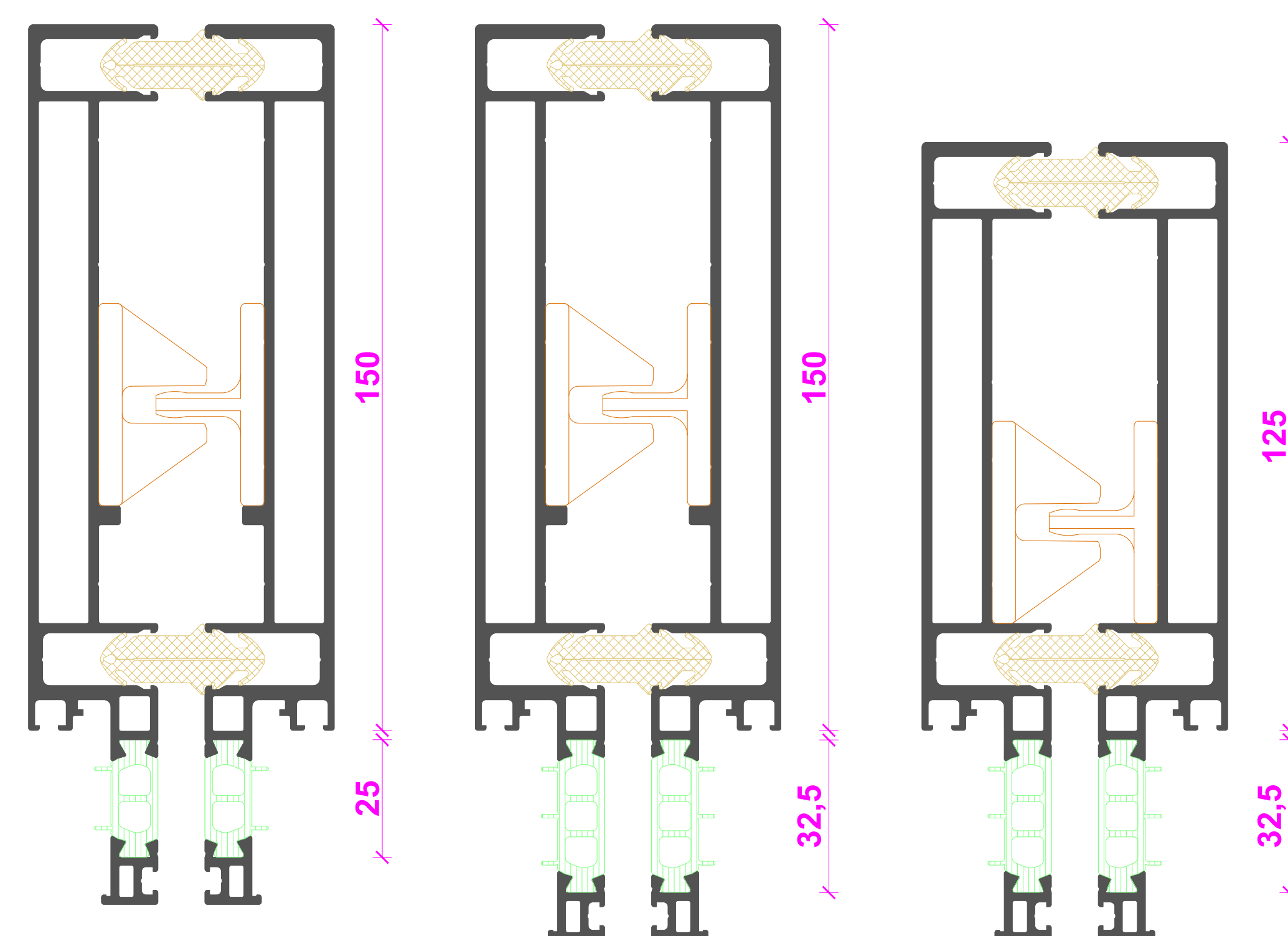
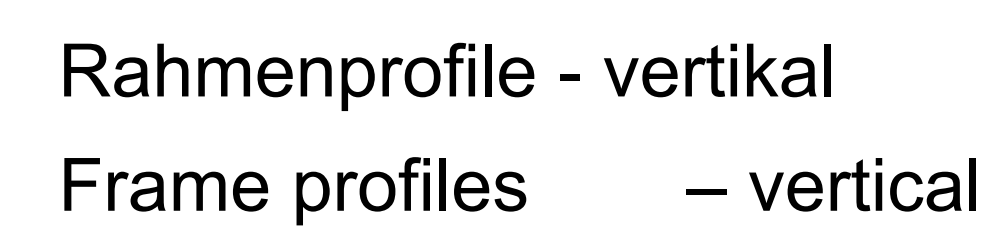


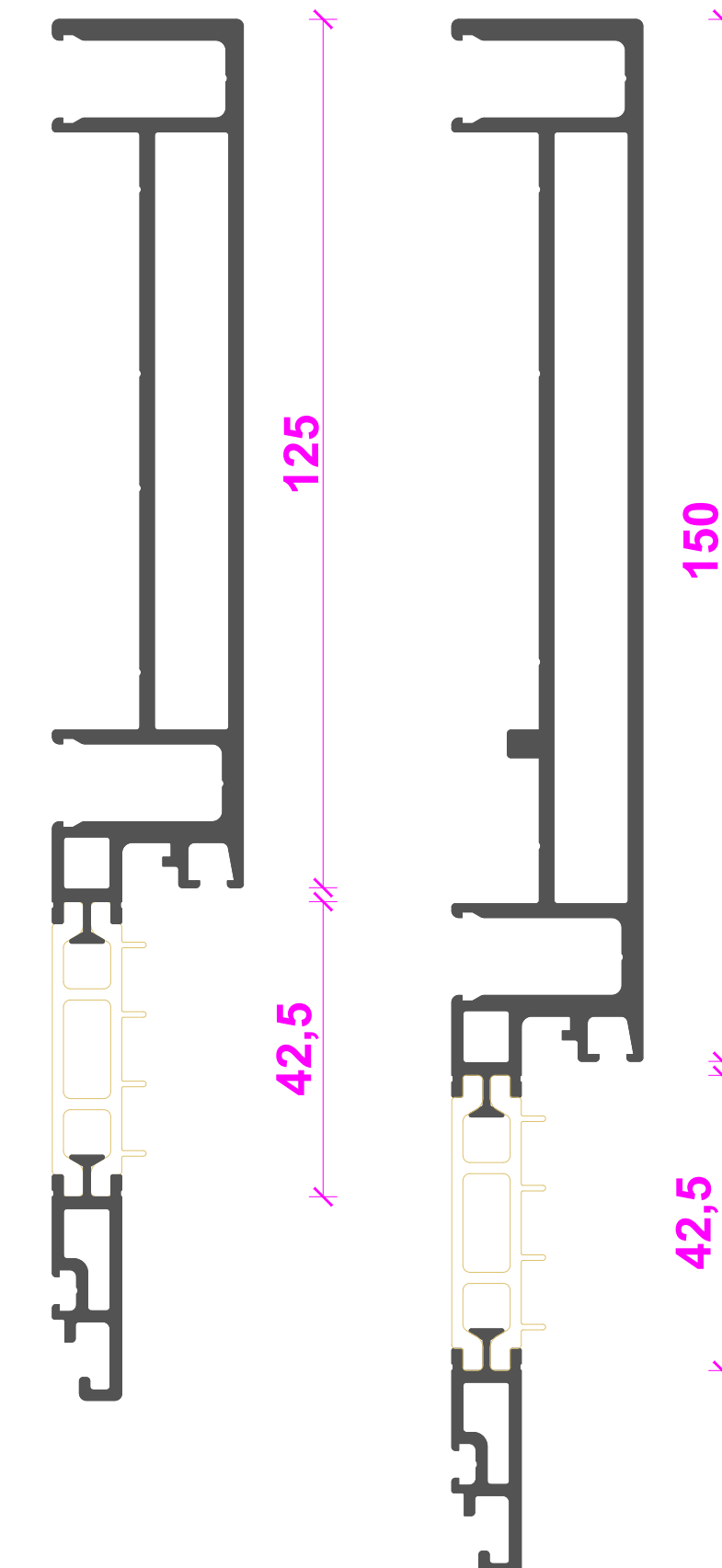
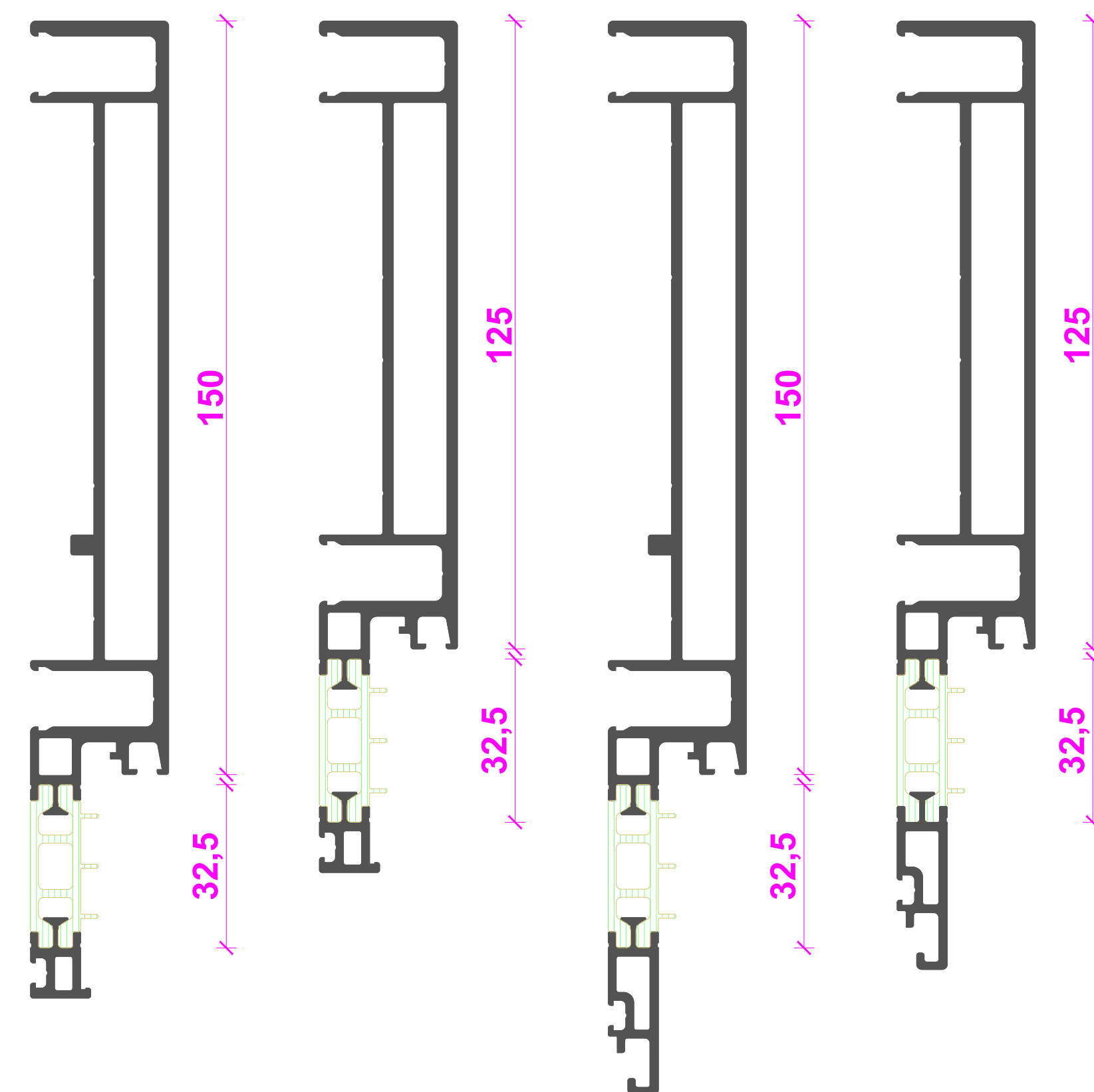
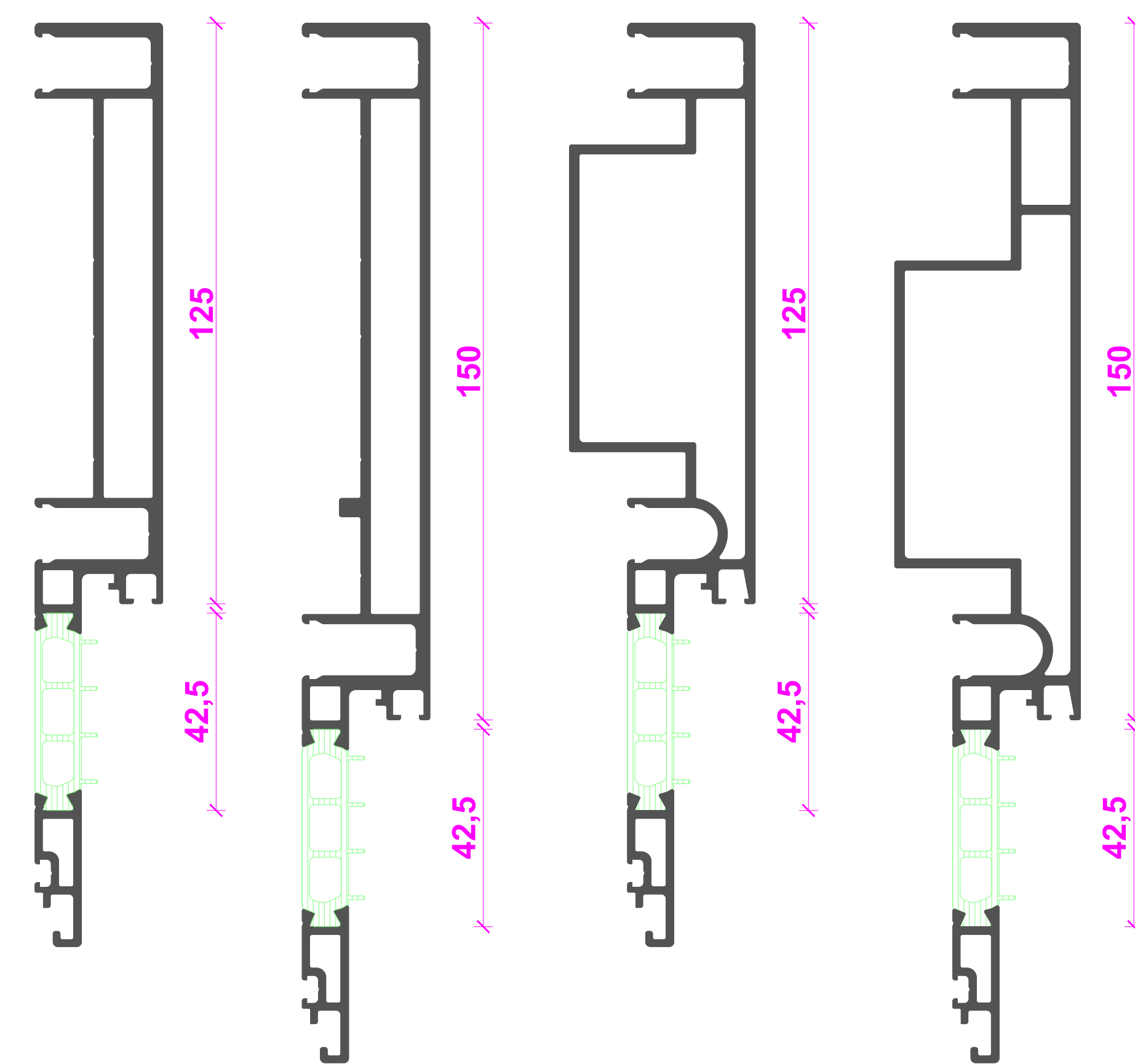
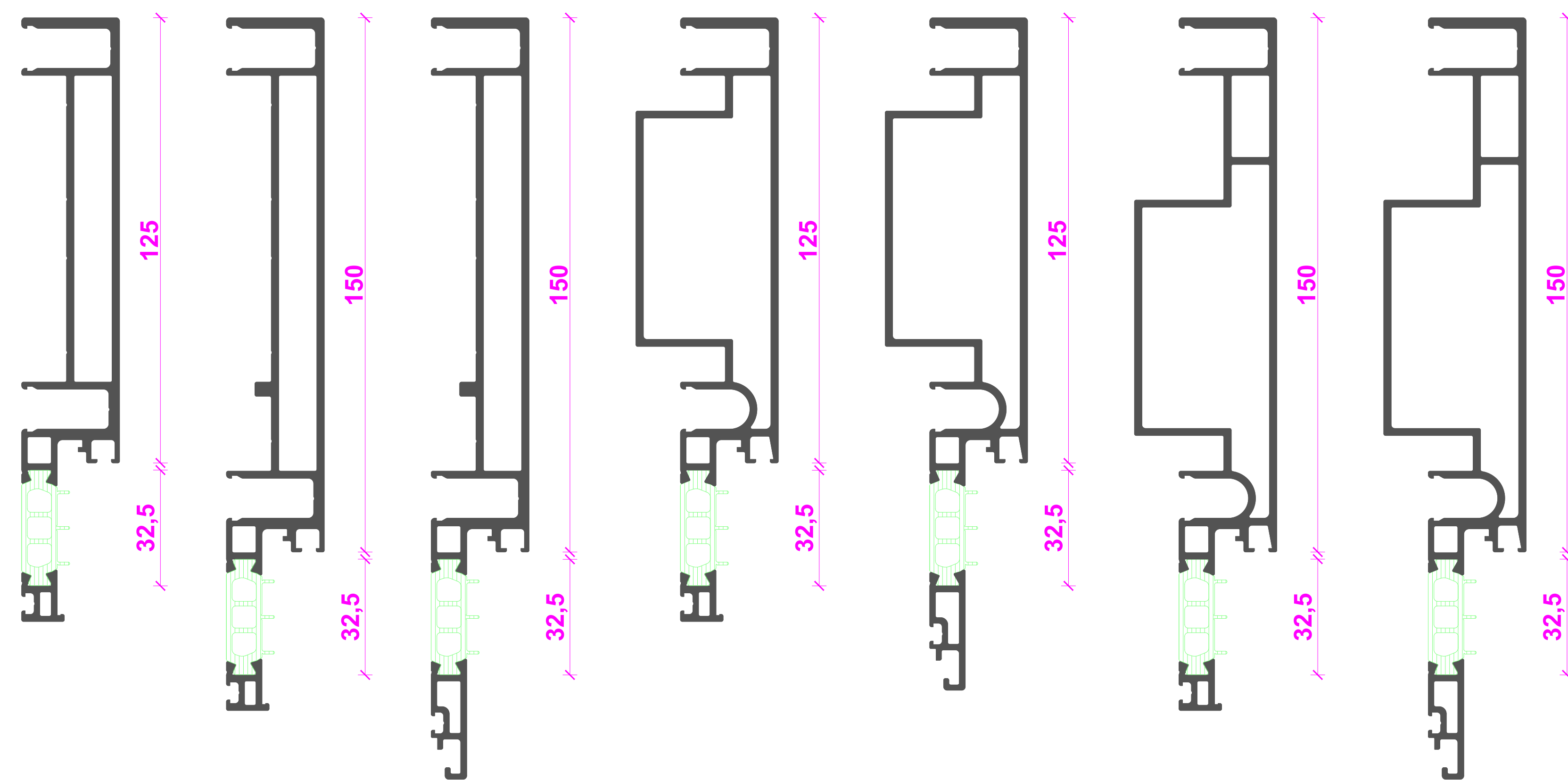
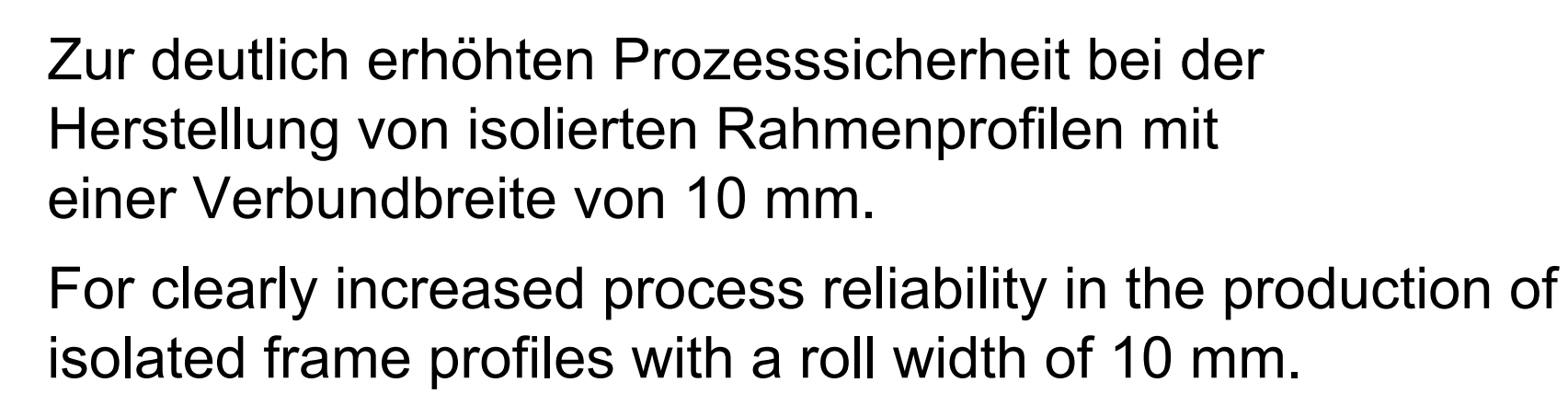
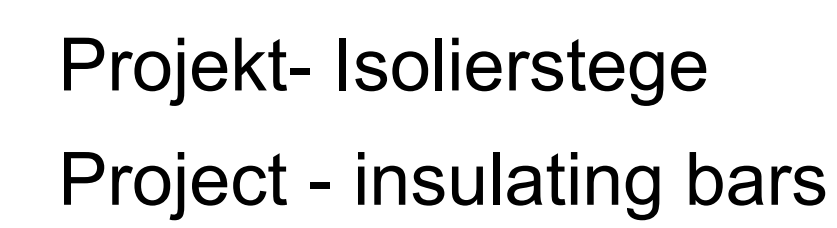
A horizontal number line with arrows at both ends. It has tick marks at 0, 42,5, 150, and 200. The segment between 42,5 and 150 is broken, indicated by two short parallel diagonal lines. The numbers 42,5 and 150 are written above their respective tick marks.

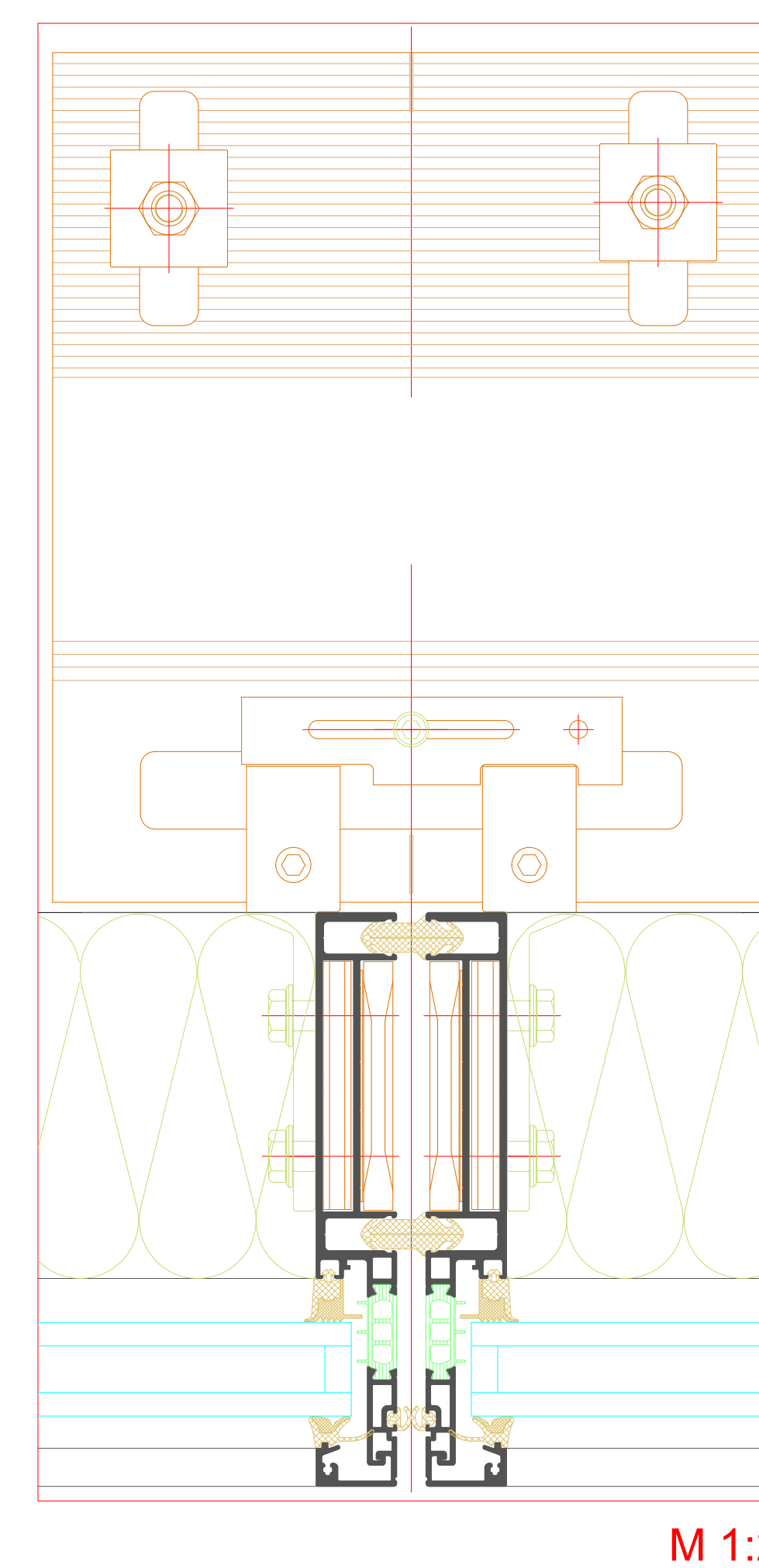
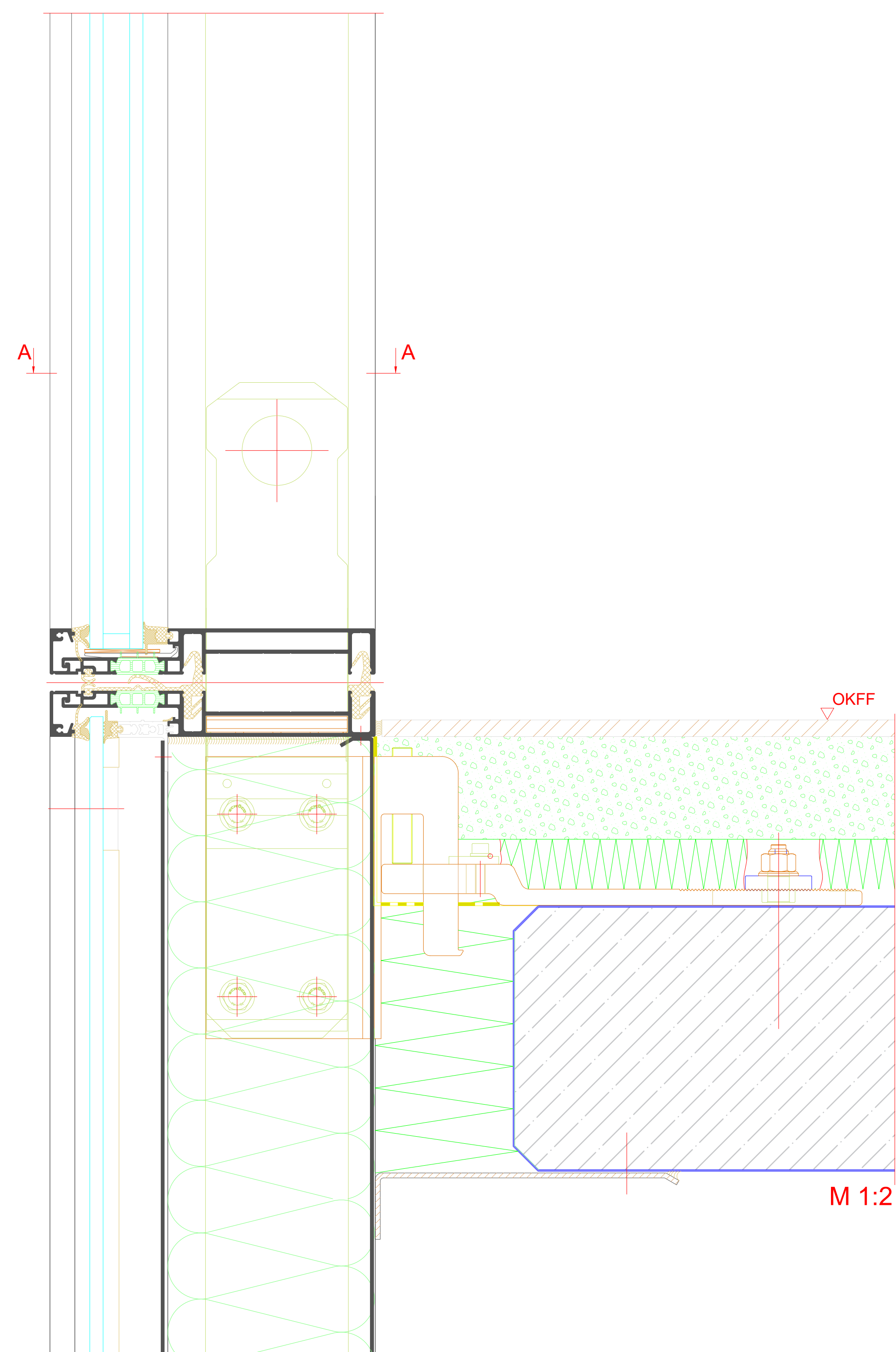
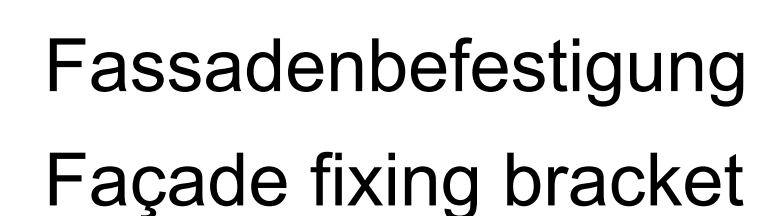
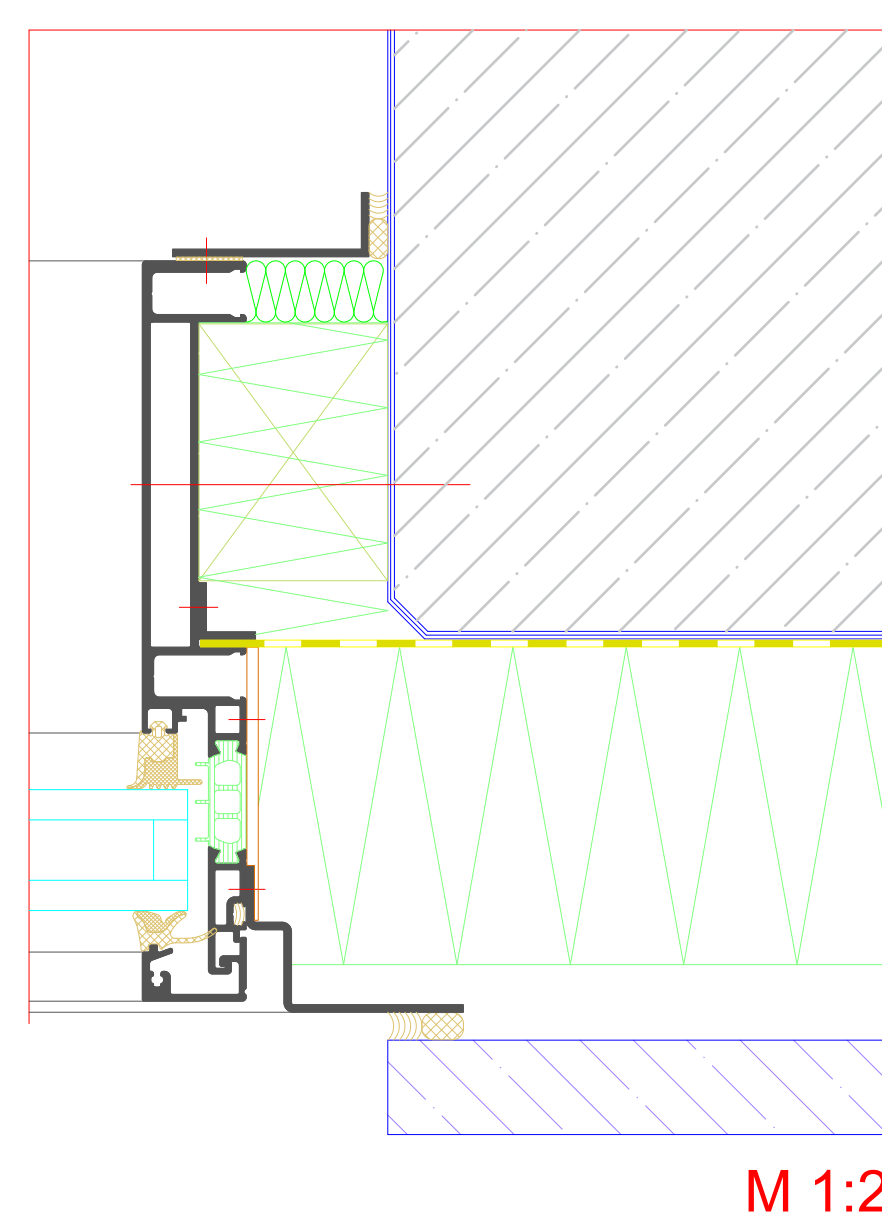
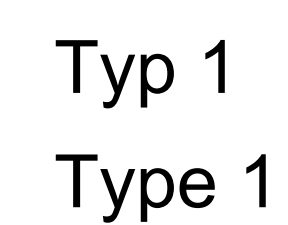
[illegible]

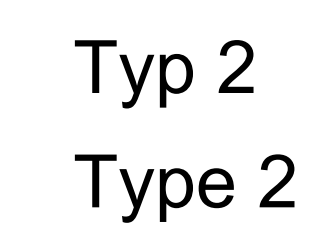








[illegible]



Fassadenbefestigung
Façade fixing bracket

