

ventilated facade

VMB-PV1

Photovoltaic modules with frame

concealed fixed with
agraffes on 2-layer

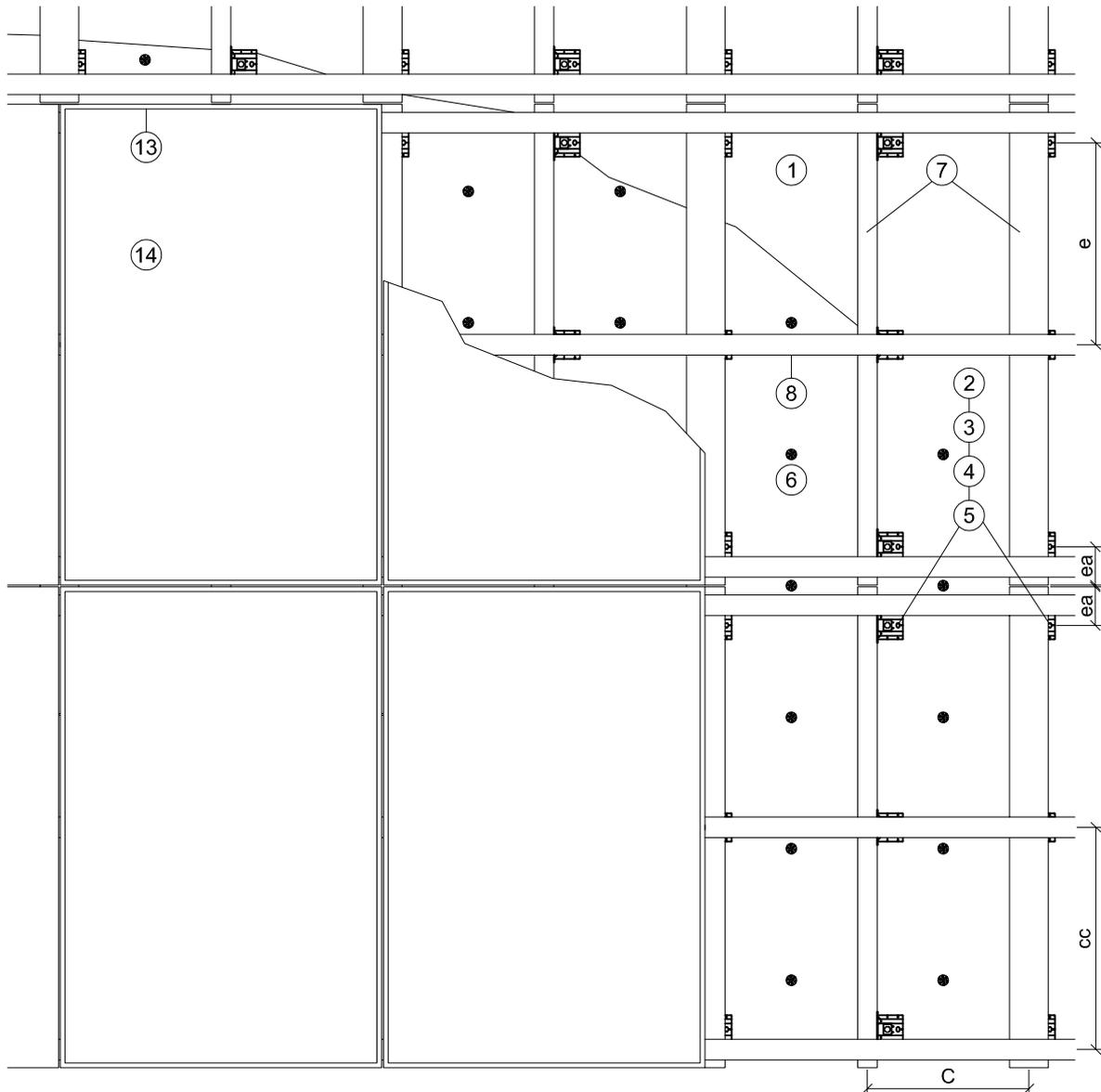


metal subconstruction

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All installation works carried out on the job site must be performed according to the requirements of system suppliers!

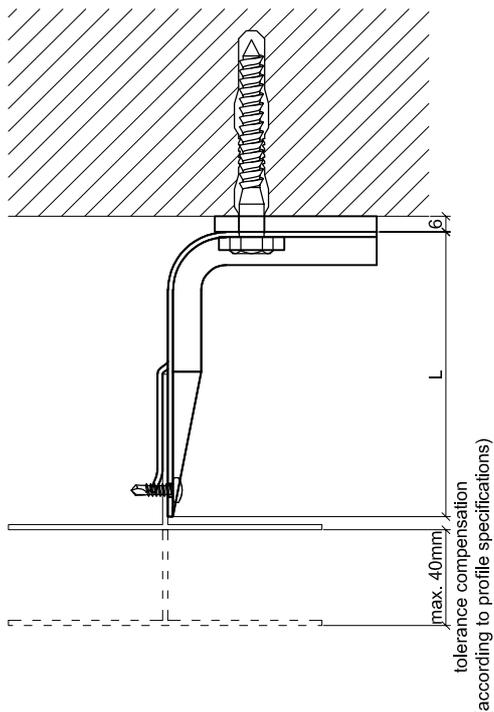


- | | |
|---|---------------------------------|
| 1... building structure | 13... frame |
| 2... SPIDI max Thermostop (premounted) | 14... PV module with frame |
| 3... SPIDI max bracket | C... profile distance |
| 4... SPIDI max washer | cc.. profile distance 2nd layer |
| 5... fixing element (depending on wall condition) | e... brackets distance |
| 6... insulation with insulation support | ea. cantilever |
| 7... vertical support profile | |
| 8... horizontal system profile | |

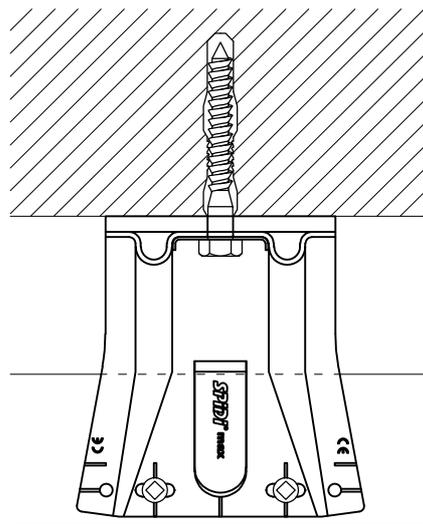
VMB-PV1-1.01 system overview - detail

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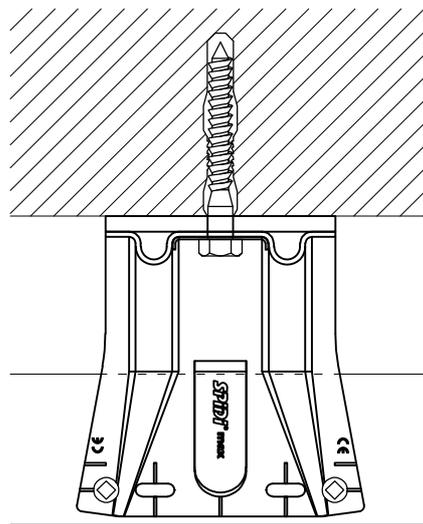
TOLERANCE COMPENSATION



SLIDING POINT



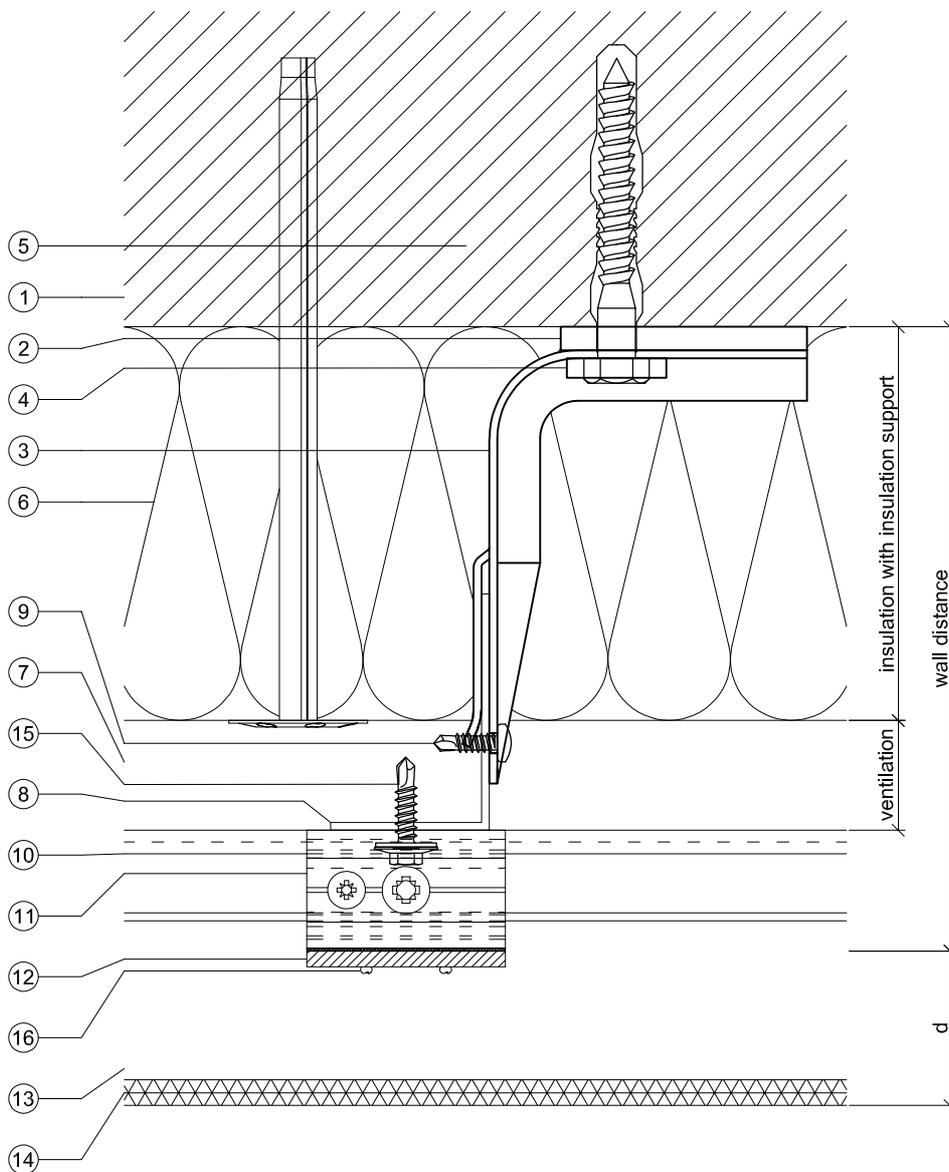
FIXED POINT



| SPIDI max brackets | | SPIDI max brackets | |
|--------------------|----------|--------------------|-----------|
| description | length L | description | length L |
| SPIDI max 65/80 | 65 | SPIDI max 480/80 | 480 |
| SPIDI max 85/80 | 85 | SPIDI max 510/80 | 510 |
| SPIDI max 110/80 | 110 | SPIDI max 540/80 | 540 |
| SPIDI max 135/80 | 135 | SPIDI max 570/80 | 570 |
| SPIDI max 160/80 | 160 | SPIDI max 600/80 | 600 |
| SPIDI max 170/80 | 170 | SPIDI max 630/80 | 630 |
| SPIDI max 185/80 | 185 | SPIDI max 660/80 | 660 |
| SPIDI max 210/80 | 210 | SPIDI max 690/80 | 690 |
| SPIDI max 240/80 | 240 | SPIDI max 720/80 | 720 |
| SPIDI max 270/80 | 270 | SPIDI max 750/80 | 750 |
| SPIDI max 300/80 | 300 | SPIDI max 780/80 | 780 |
| SPIDI max 330/80 | 330 | SPIDI max 810/80 | 810 |
| SPIDI max 360/80 | 360 | SPIDI max 840/80 | 840 |
| SPIDI max 390/80 | 390 | SPIDI max 870/80 | 870 |
| SPIDI max 420/80 | 420 | SPIDI max 900/80 | 900 |
| SPIDI max 450/80 | 450 | special lengths | on demand |

VMB-PV1-1.02 tolerance compensation (fixed/sliding point)

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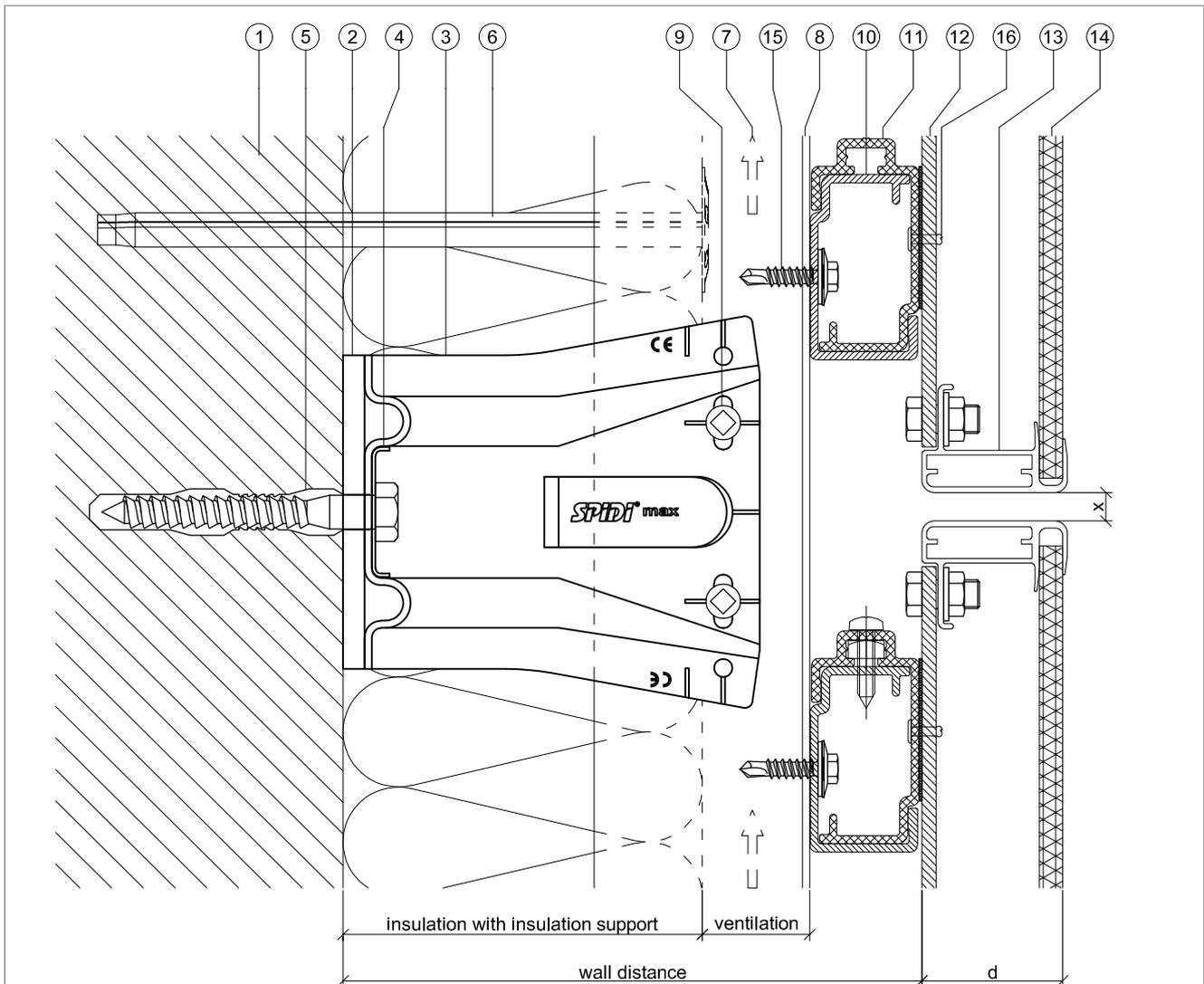


- | | |
|---|--|
| 1... building structure | 8... vertical support profile |
| 2... SPIDI max Thermostop (premounted) | 9... self-drilling screw |
| 3... SPIDI max bracket | 10... horizontal system profile |
| 4... SPIDI max washer | 11... universal agraffe including adjusting & fixing screw |
| 5... fixing element (depending on wall condition) | 12... Backrail |
| 6... insulation with insulation support | 13... frame |
| 7... ventilation | 14... PV module with frame |
| | 15... self-drilling screw |
| | 16... rivet |
| | d... cladding height |
| | x... joint width |

VMB-PV1-2.01 general section horizontal

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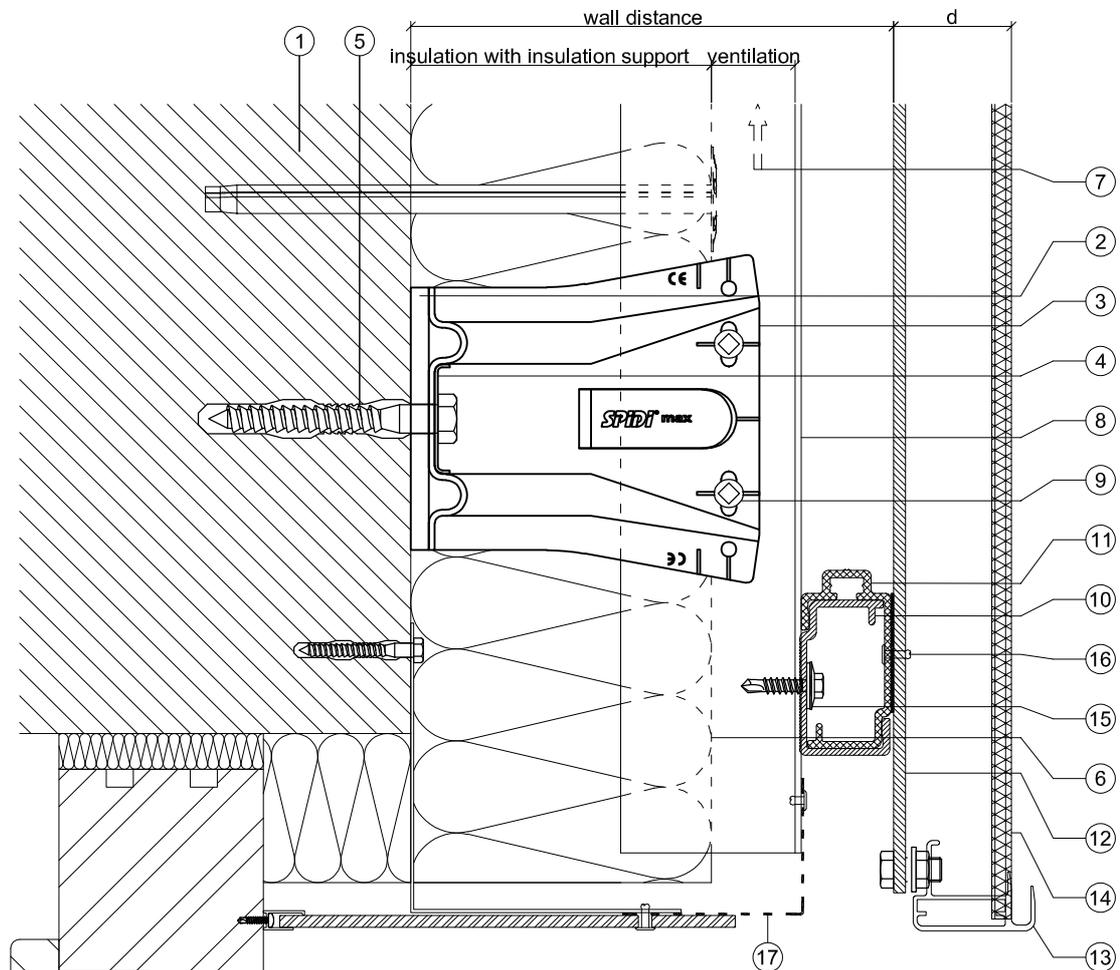
facade system



- | | |
|---|--|
| 1... building structure | 8... vertical support profile |
| 2... SPIDI max Thermostop (premounted) | 9... self-drilling screw |
| 3... SPIDI max bracket | 10... horizontal system profile |
| 4... SPIDI max washer | 11... universal agraffe including adjusting & fixing screw |
| 5... fixing element (depending on wall condition) | 12... Backrail |
| 6... insulation with insulation support | 13... frame |
| 7... ventilation | 14... PV module with frame |
| | 15... self-drilling screw |
| | 16... rivet |
| | d... cladding height |
| | x... joint width |

VMB-PV1-2.02 general section vertical

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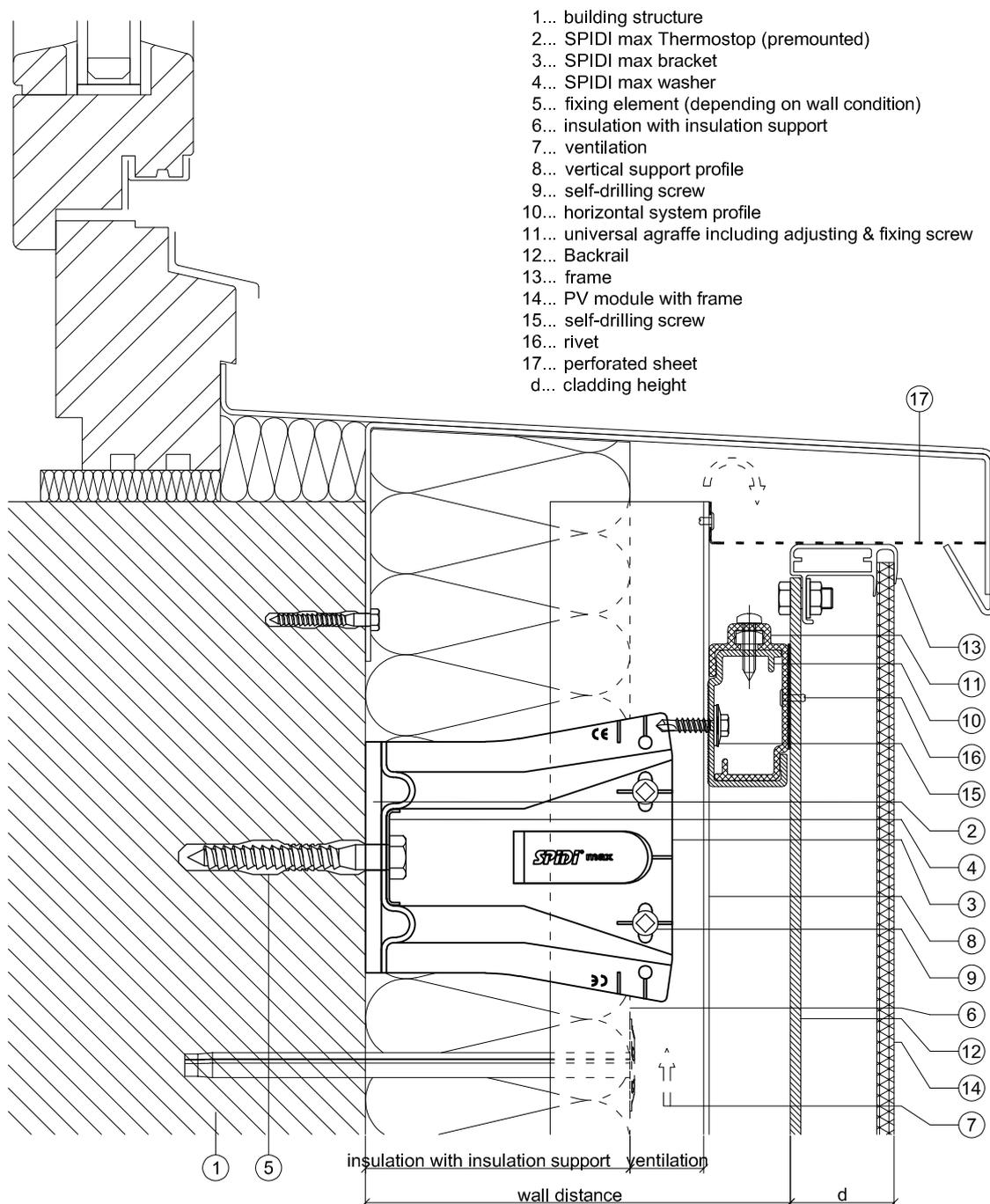


- 1... building structure
- 2... SPIDI max Thermostop (premounted)
- 3... SPIDI max bracket
- 4... SPIDI max washer
- 5... fixing element (depending on wall condition)
- 6... insulation with insulation support
- 7... ventilation
- 8... vertical support profile
- 9... self-drilling screw
- 10... horizontal system profile
- 11... universal agraffe including adjusting & fixing screw
- 12... Backrail
- 13... frame
- 14... PV module with frame
- 15... self-drilling screw
- 16... rivet
- 17... perforated sheet
- d... cladding height

VMB-PV1-2.03 window lintel - section vertical

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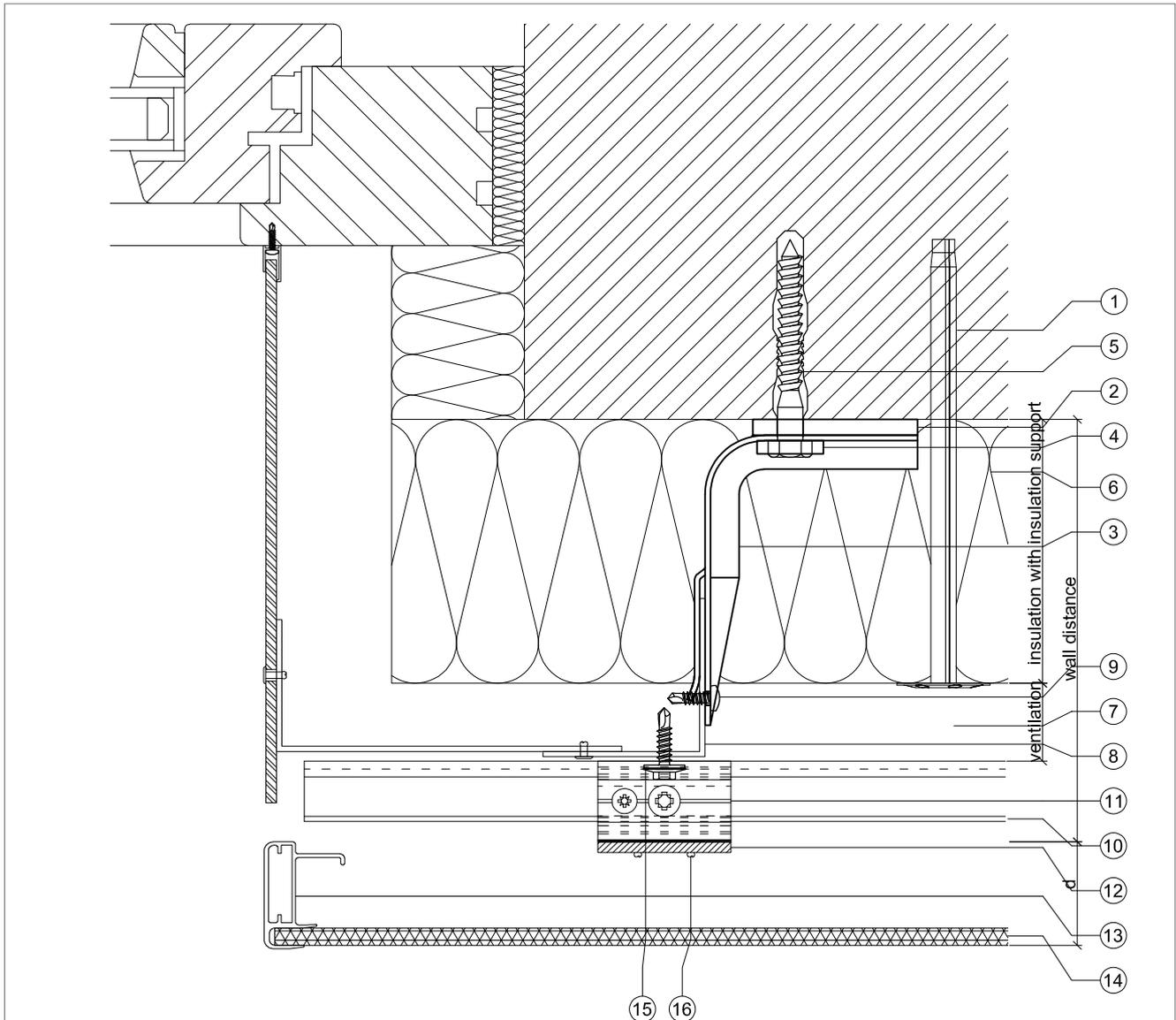
facade system



- 1... building structure
- 2... SPIDI max Thermostop (premounted)
- 3... SPIDI max bracket
- 4... SPIDI max washer
- 5... fixing element (depending on wall condition)
- 6... insulation with insulation support
- 7... ventilation
- 8... vertical support profile
- 9... self-drilling screw
- 10... horizontal system profile
- 11... universal agraffe including adjusting & fixing screw
- 12... Backrail
- 13... frame
- 14... PV module with frame
- 15... self-drilling screw
- 16... rivet
- 17... perforated sheet
- d... cladding height

VMB-PV1-2.04 window sill - section vertical

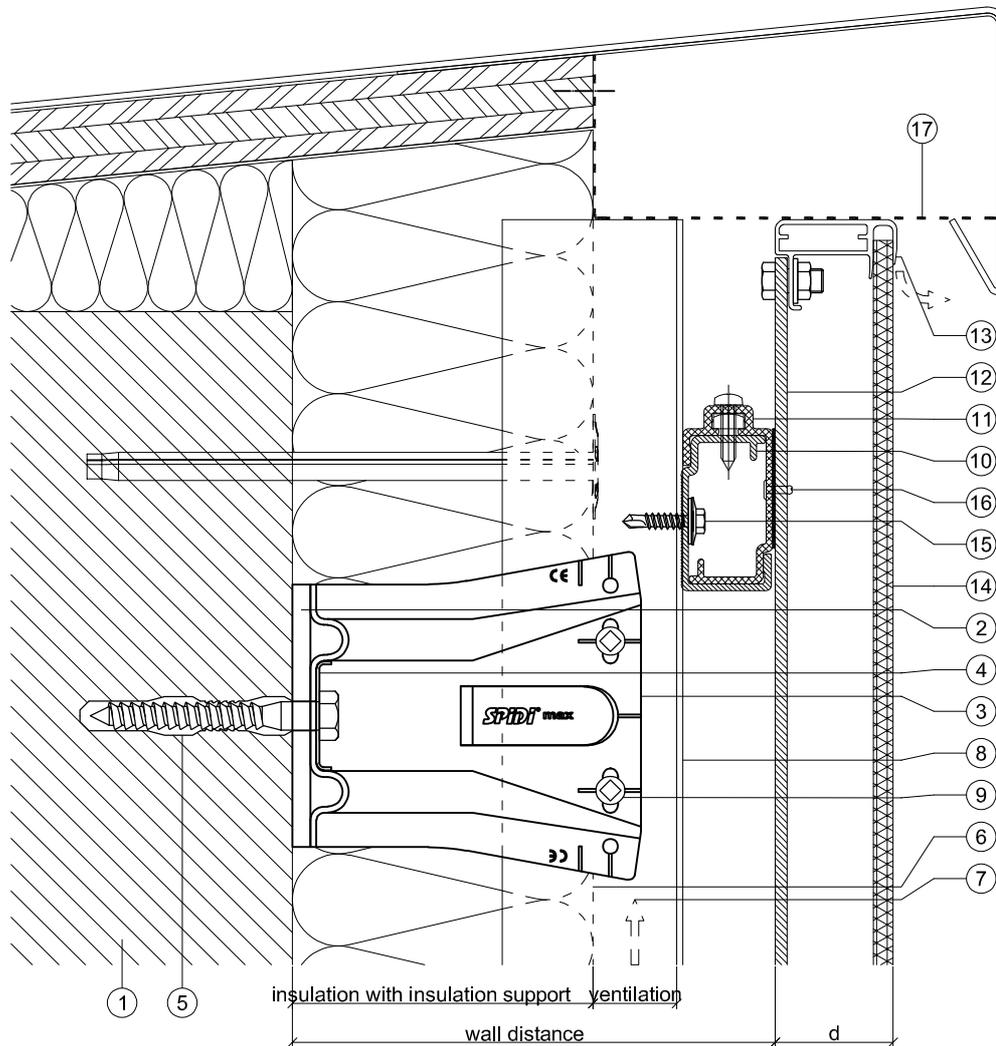
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- | | |
|---|--|
| 1... building structure | 9... self-drilling screw |
| 2... SPIDI max Thermostop (premounted) | 10... horizontal system profile |
| 3... SPIDI max bracket | 11... universal agraffe including adjusting & fixing screw |
| 4... SPIDI max washer | 12... Backrail |
| 5... fixing element (depending on wall condition) | 13... frame |
| 6... insulation with insulation support | 14... PV module with frame |
| 7... ventilation | 15... self-drilling screw |
| 8... vertical support profile | 16... rivet |
| | d... cladding height |

VMB-PV1-2.05 window reveal - section horizontal

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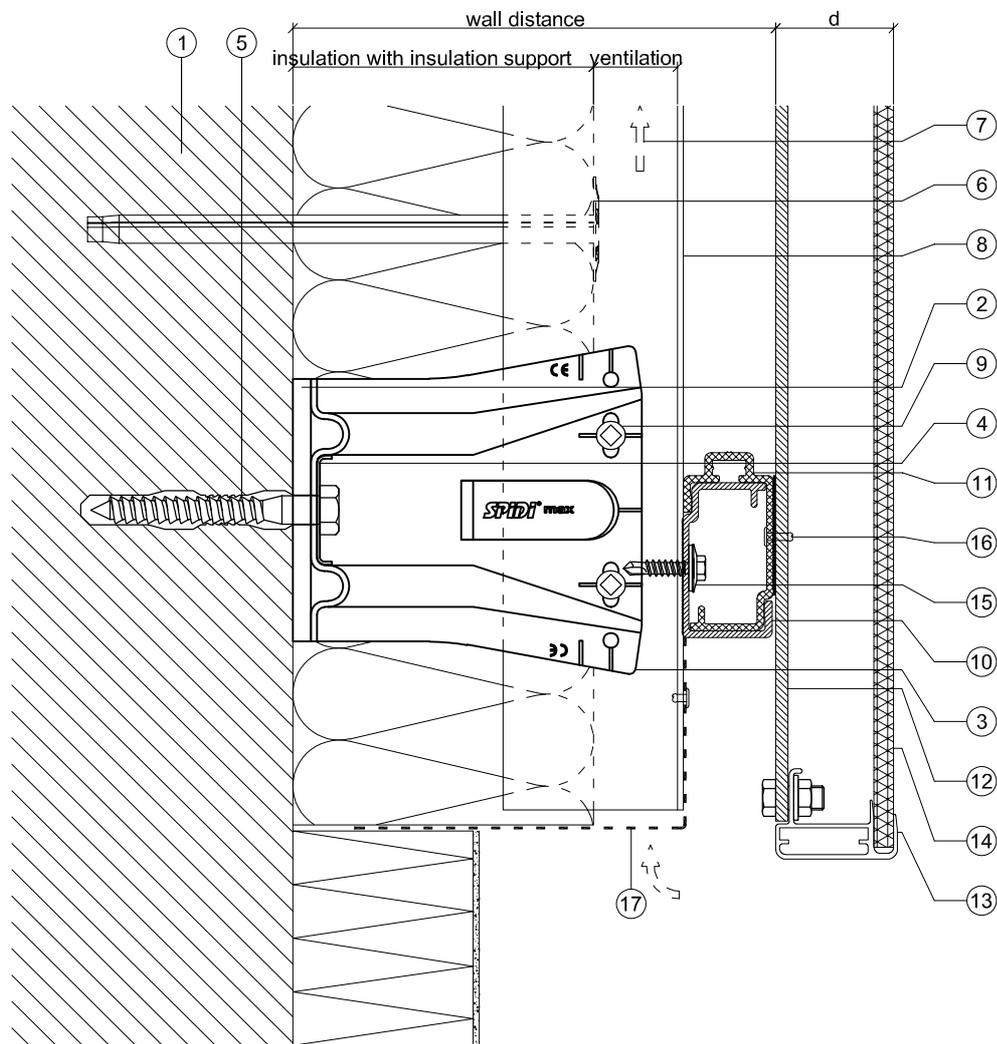


- | | |
|---|--|
| 1... building structure | 9... self-drilling screw |
| 2... SPIDI max Thermostop (premounted) | 10... horizontal system profile |
| 3... SPIDI max bracket | 11... universal agraffe including adjusting & fixing screw |
| 4... SPIDI max washer | 12... Backrail |
| 5... fixing element (depending on wall condition) | 13... frame |
| 6... insulation with insulation support | 14... PV module with frame |
| 7... ventilation | 15... self-drilling screw |
| 8... vertical support profile | 16... rivet |
| | 17... perforated sheet |
| | d... cladding height |

VMB-PV1-2.06 parapet cladding - section vertical

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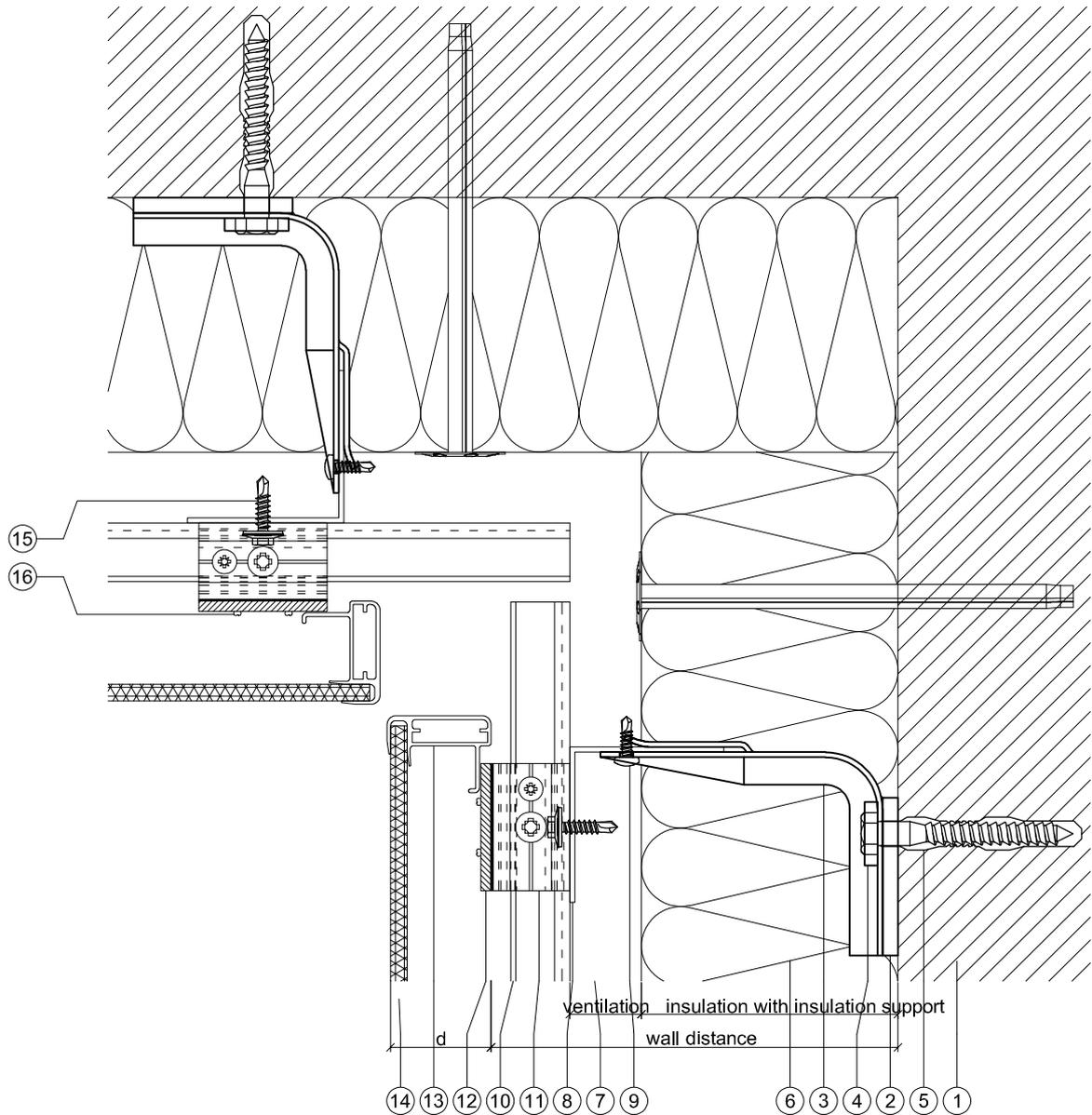
facade system



- | | |
|---|--|
| 1... building structure | 9... self-drilling screw |
| 2... SPIDI max Thermostop (premounted) | 10... horizontal system profile |
| 3... SPIDI max bracket | 11... universal agraffe including adjusting & fixing screw |
| 4... SPIDI max washer | 12... Backrail |
| 5... fixing element (depending on wall condition) | 13... frame |
| 6... insulation with insulation support | 14... PV module with frame |
| 7... ventilation | 15... self-drilling screw |
| 8... vertical support profile | 16... rivet |
| | 17... perforated sheet |
| | d... cladding height |

VMB-PV1-2.07 plinth - section vertical

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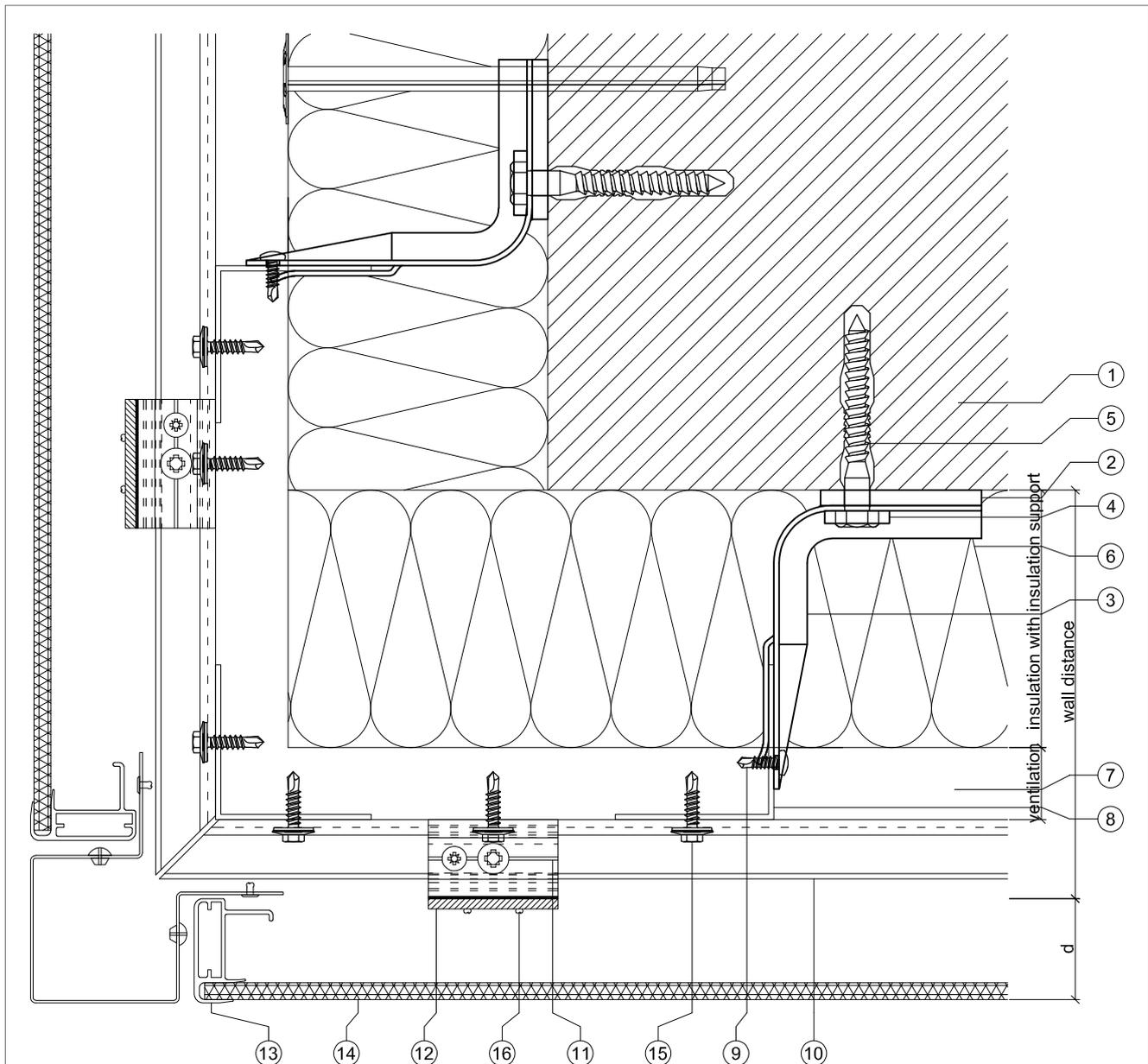
- | | |
|---|--|
| 1... building structure | 9... self-drilling screw |
| 2... SPIDI max Thermostop (premounted) | 10... horizontal system profile |
| 3... SPIDI max bracket | 11... universal agraffe including adjusting & fixing screw |
| 4... SPIDI max washer | 12... Backrail |
| 5... fixing element (depending on wall condition) | 13... frame |
| 6... insulation with insulation support | 14... PV module with frame |
| 7... ventilation | 15... self-drilling screw |
| 8... vertical support profile | 16... rivet |
| | d... cladding height |

VMB-PV1-2.08 internal corner - section horizontal

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facade system

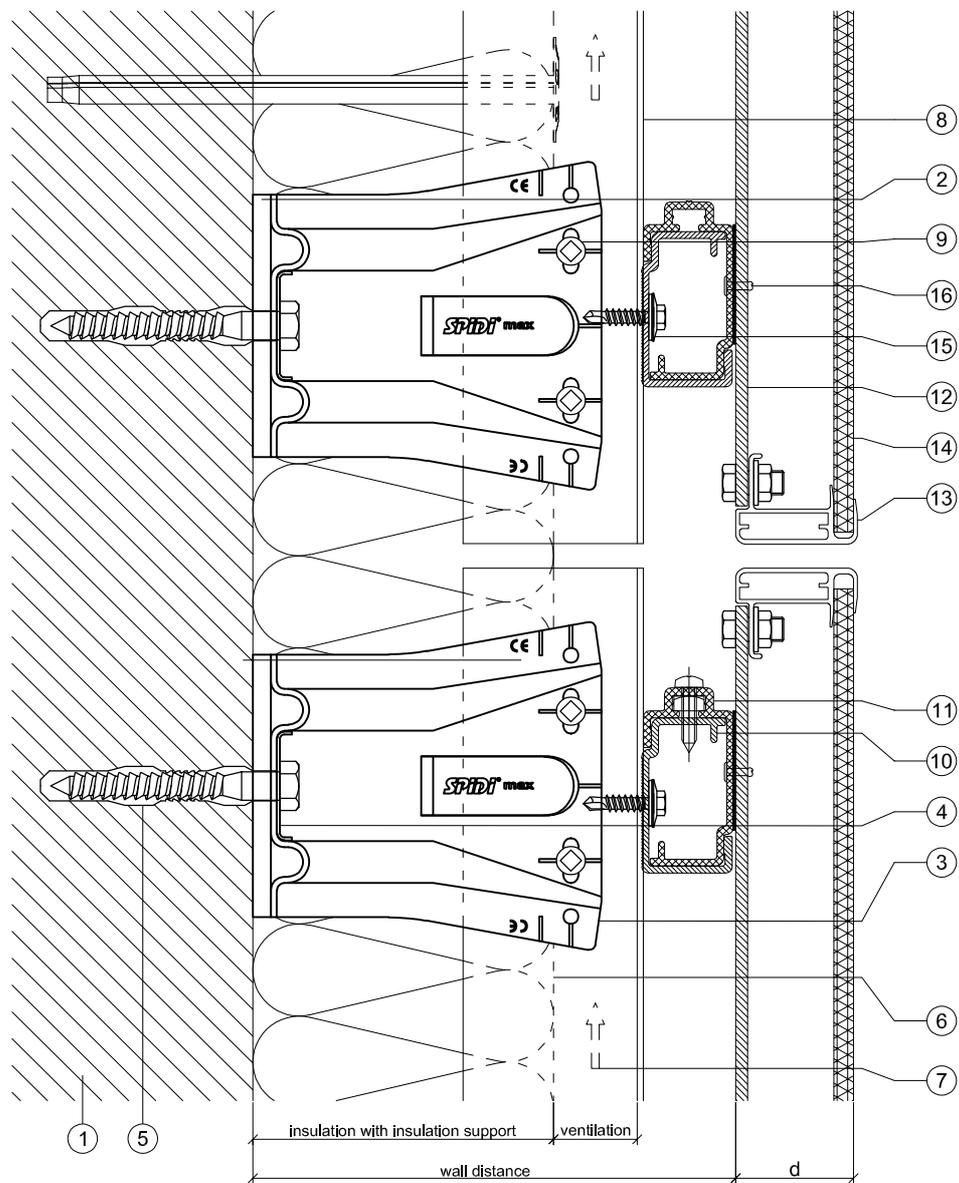
SPIDI®



- | | |
|---|--|
| 1... building structure | 9... self-drilling screw |
| 2... SPIDI max Thermostop (premounted) | 10... horizontal system profile |
| 3... SPIDI max bracket | 11... universal agraffe including adjusting & fixing screw |
| 4... SPIDI max washer | 12... Backrail |
| 5... fixing element (depending on wall condition) | 13... frame |
| 6... insulation with insulation support | 14... PV module with frame |
| 7... ventilation | 15... self-drilling screw |
| 8... vertical support profile | 16... rivet |
| | d... cladding height |

VMB-PV1-2.09 external corner - section horizontal

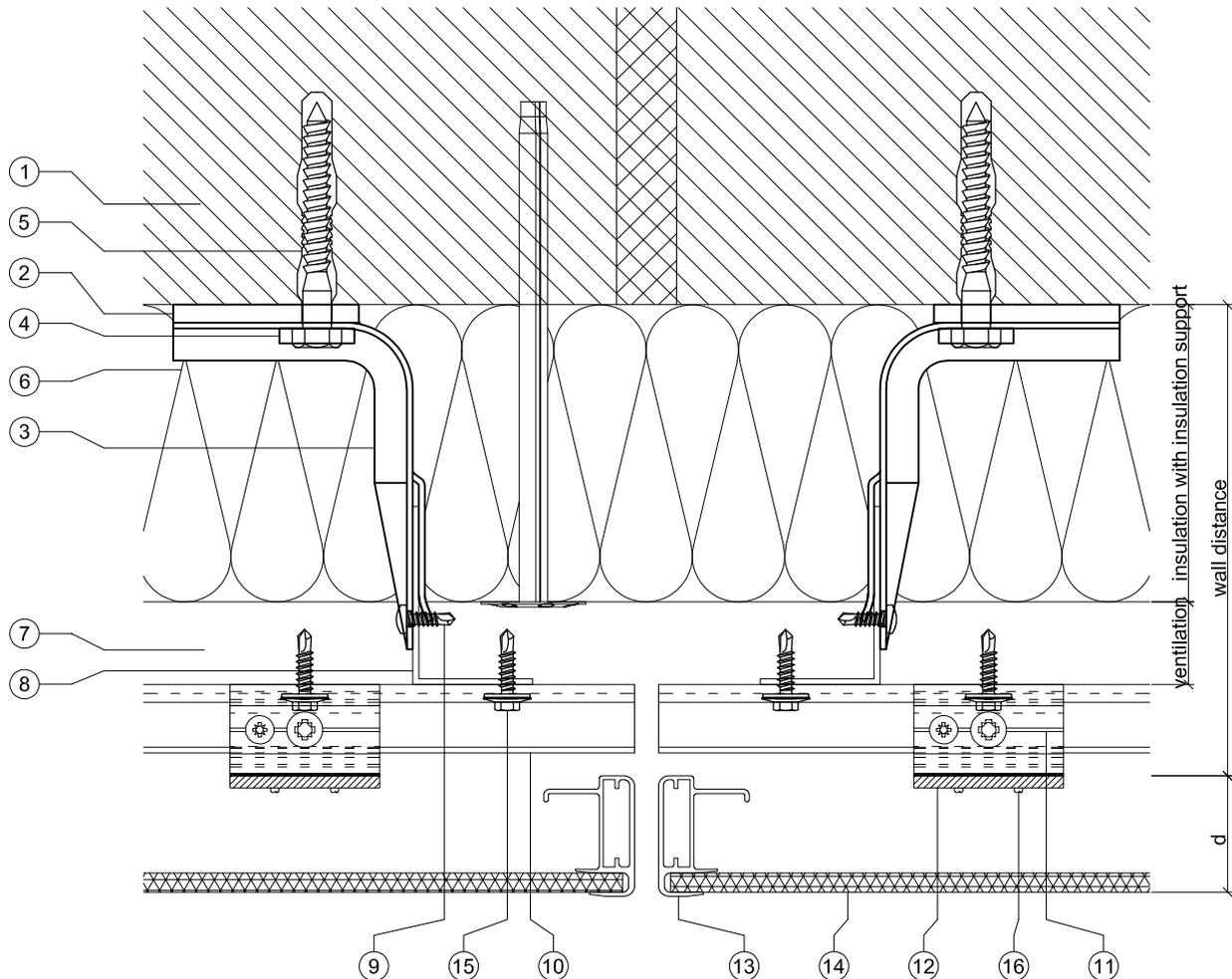
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- | | |
|---|--|
| 1... building structure | 9... self-drilling screw |
| 2... SPIDI max Thermostop (premounted) | 10... horizontal system profile |
| 3... SPIDI max bracket | 11... universal agraffe including adjusting & fixing screw |
| 4... SPIDI max washer | 12... Backrail |
| 5... fixing element (depending on wall condition) | 13... frame |
| 6... insulation with insulation support | 14... PV module with frame |
| 7... ventilation | 15... self-drilling screw |
| 8... vertical support profile | 16... rivet |
| | d... cladding height |

VMB-PV1-2.10 profile joint - section vertical

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- | | |
|---|--|
| 1... building structure | 9... self-drilling screw |
| 2... SPIDI max Thermostop (premounted) | 10... horizontal system profile |
| 3... SPIDI max bracket | 11... universal agraffe including adjusting & fixing screw |
| 4... SPIDI max washer | 12... Backrail |
| 5... fixing element (depending on wall condition) | 13... frame |
| 6... insulation with insulation support | 14... PV module with frame |
| 7... ventilation | 15... self-drilling screw |
| 8... vertical support profile | 16... rivet |
| | d... cladding height |

VMB-PV1-2.11 building expansion joint - section horizontal

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