

ventilated facade

SMB-GN1

Aluminium composite panels, fibre cement, glassfibre reinforced concrete, HPL panels, aluminium and steel sheets, render carrier boards

visibly fixed with rivets on 1-layer

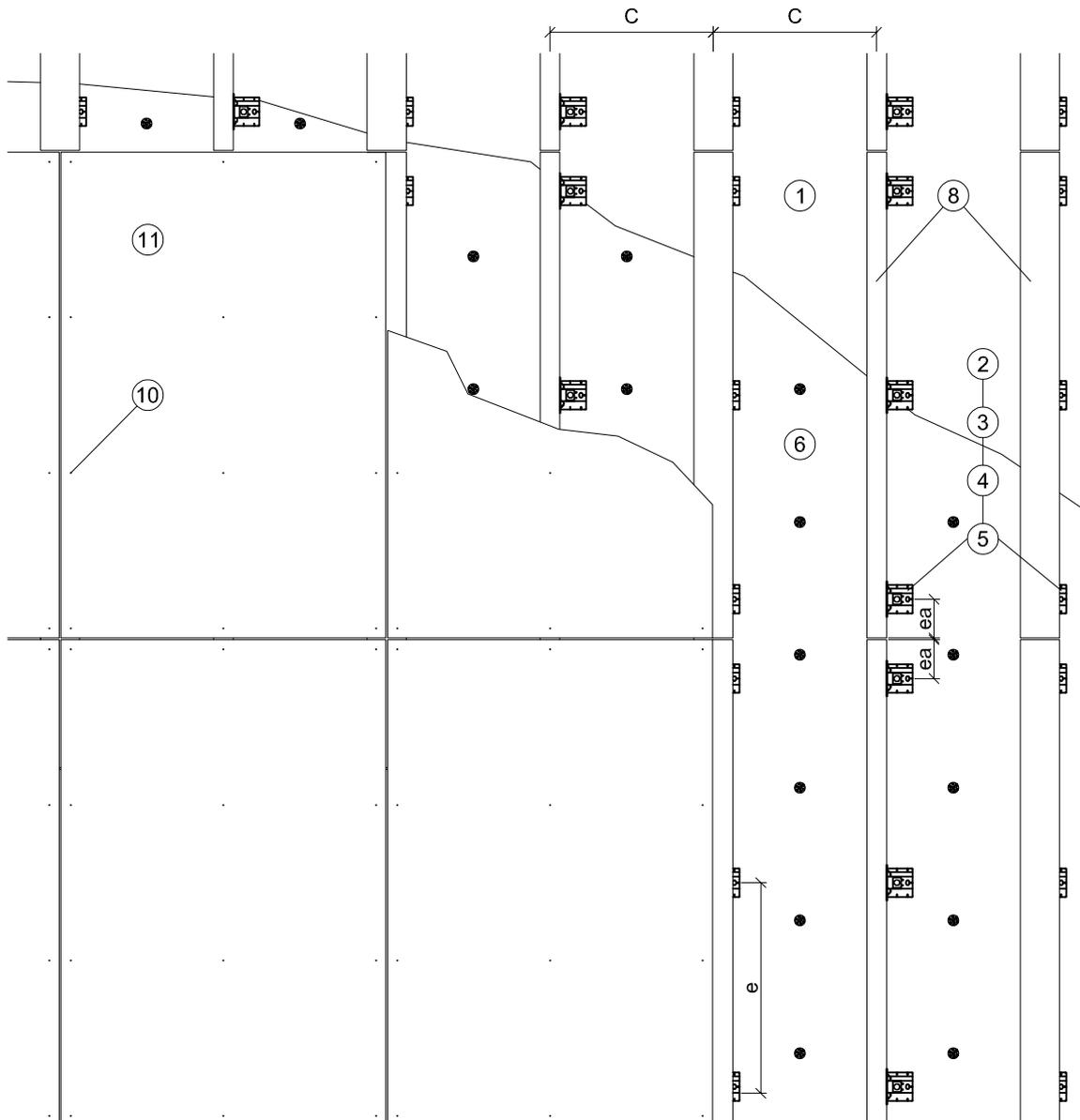


metal subconstruction

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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
- 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
- 8... vertical support profile
- 10... rivet
- 11... facade cladding

- C... profile distance
- e... brackets distance
- ea. cantilever

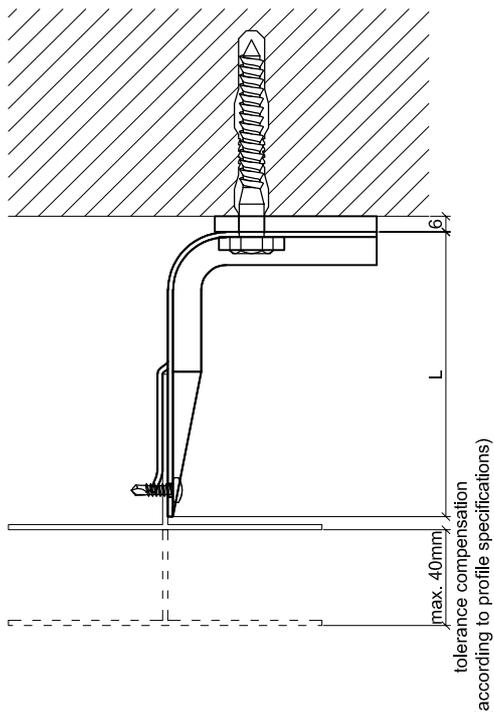
SMB-GN1-1.01 system overview – detail

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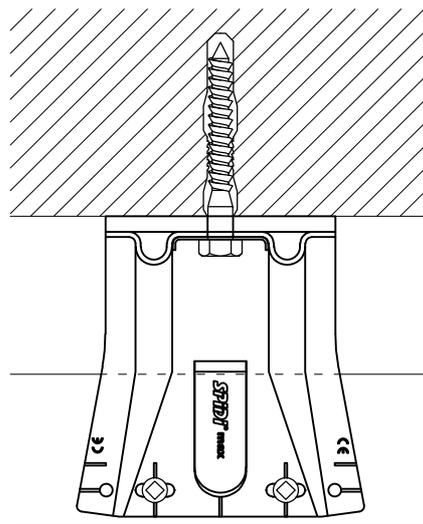
facade system



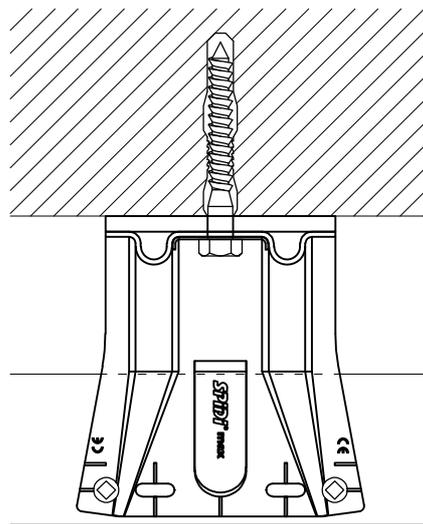
TOLERANCE COMPENSATION



SLIDING POINT



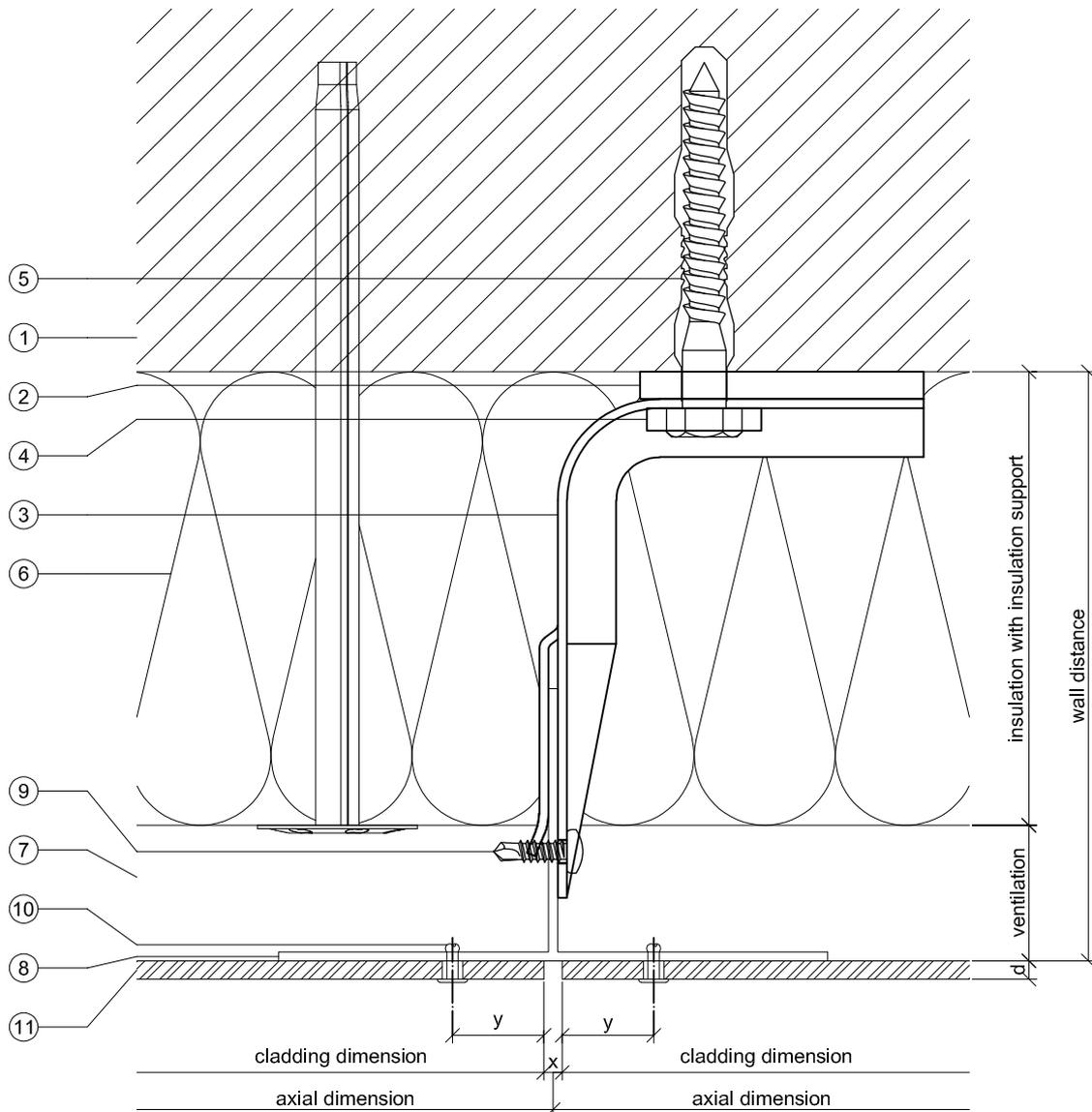
FIXED POINT



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

SMB-GN1-1.02 tolerance compensation (fixed/sliding point)

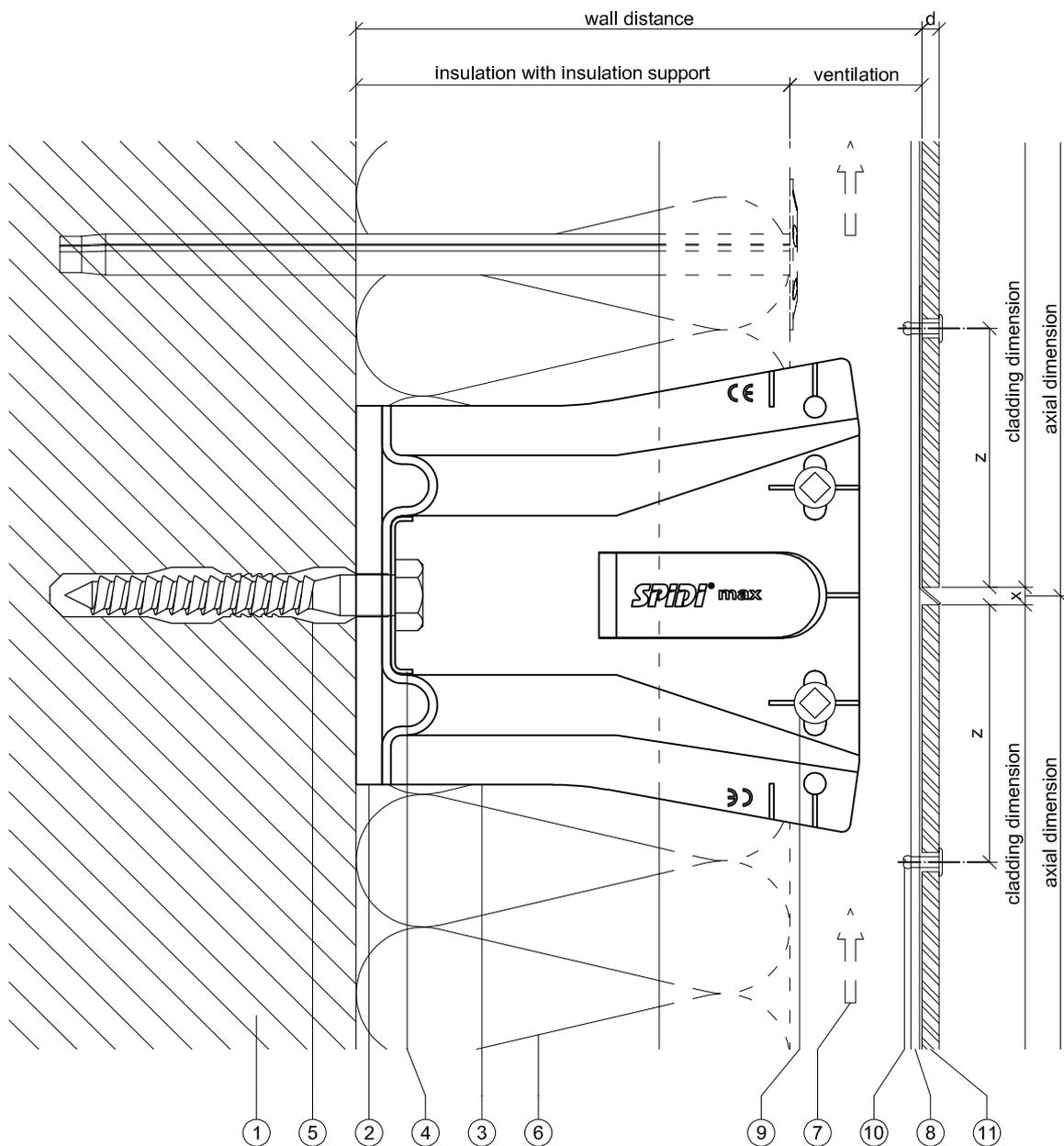
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- | | |
|---|---|
| 1... building structure | 9... self-drilling screw |
| 2... SPIDI max Thermostop (premounted) | 10... rivet |
| 3... SPIDI max bracket | 11... facade cladding |
| 4... SPIDI max washer | d... cladding thickness |
| 5... fixing element (depending on wall condition) | x... joint width |
| 6... insulation with insulation support | y... rivet distance |
| 7... ventilation | (in accordance with the cladding material supplier) |
| 8... vertical support profile | |

SMB-GN1-2.01 general section horizontal

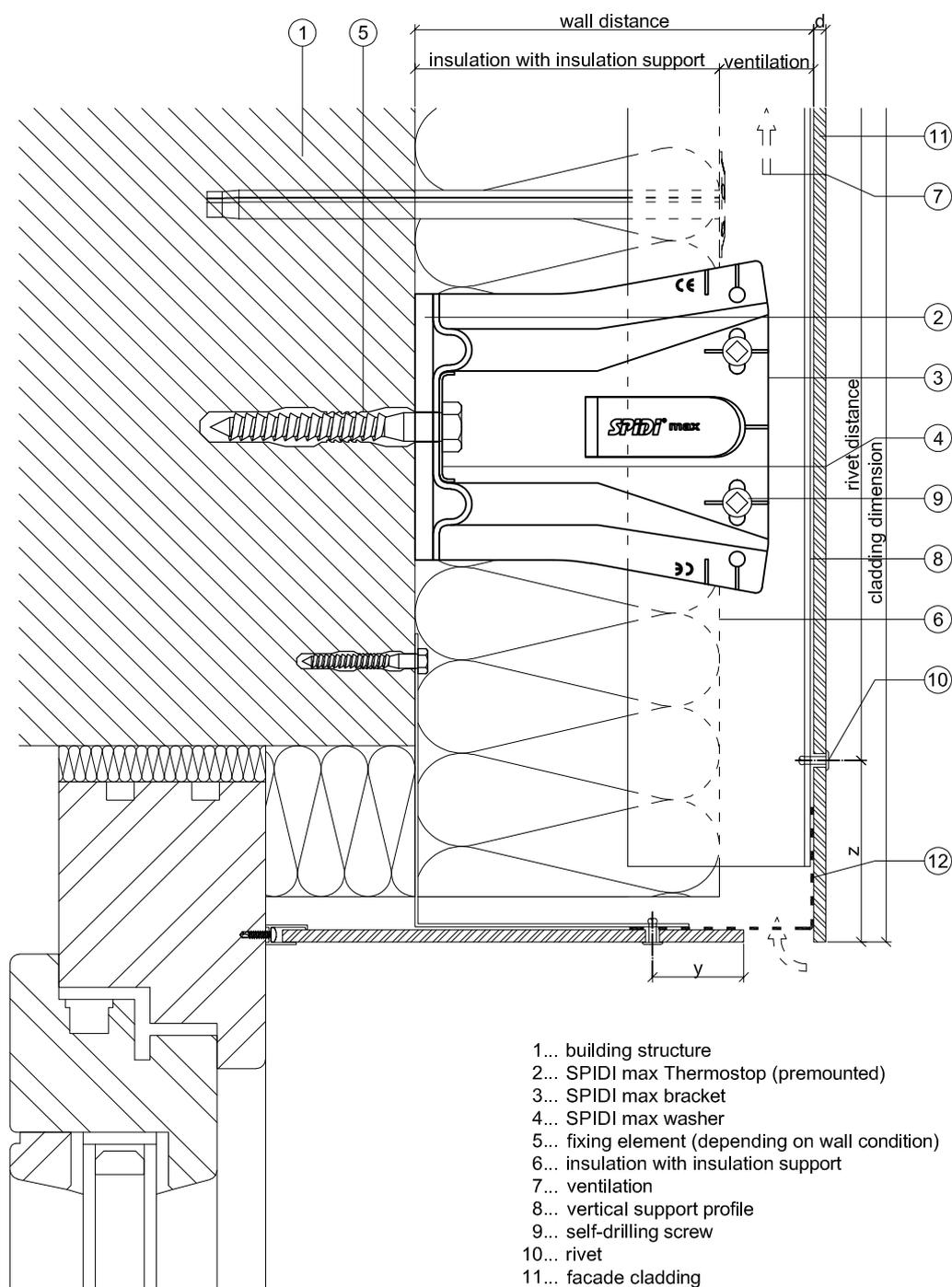
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| 8... vertical support profile | |

SMB-GN1-2.02 general section vertical

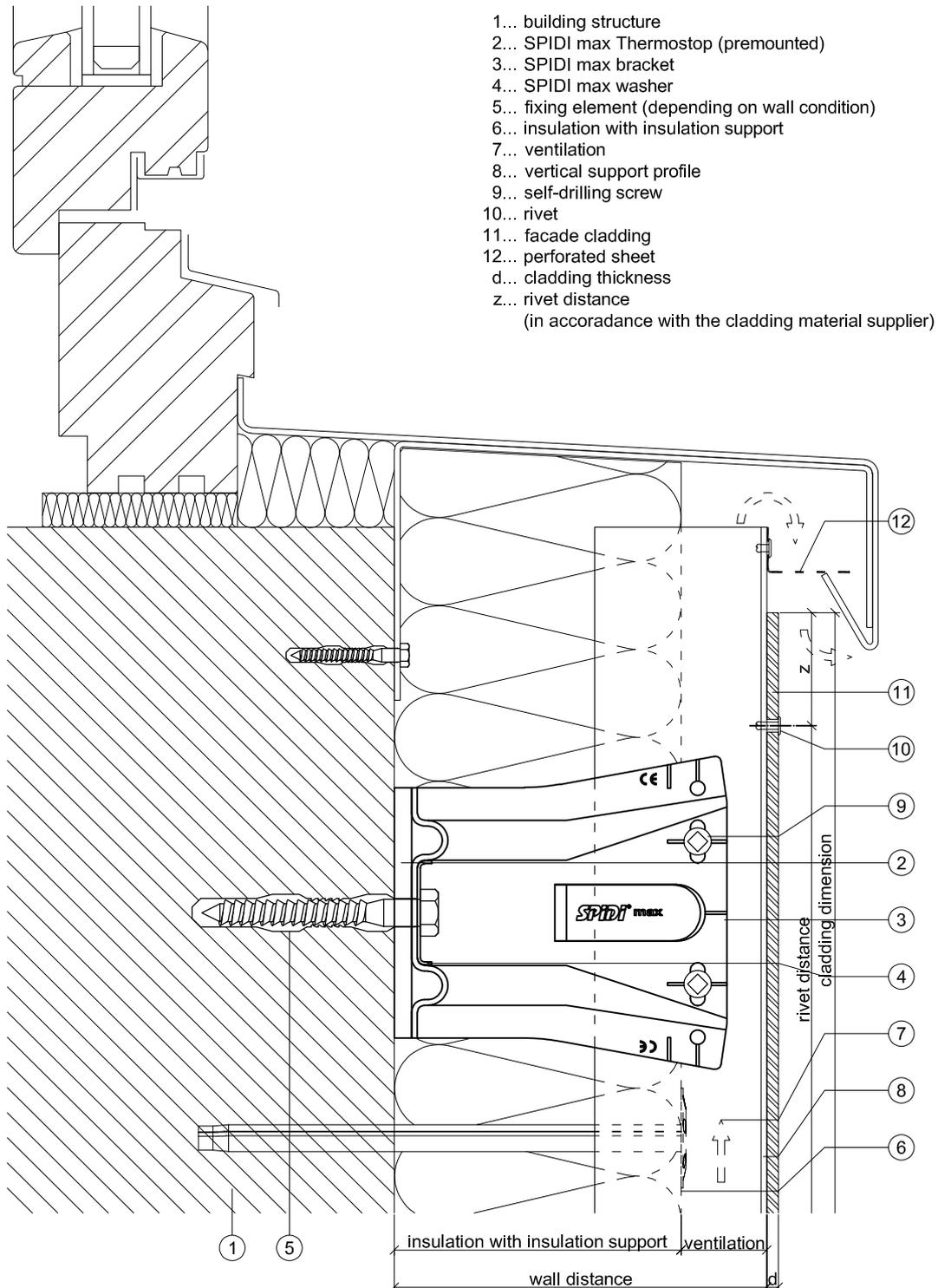
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- 5... fixing element (depending on wall condition)
- 6... insulation with insulation support
- 7... ventilation
- 8... vertical support profile
- 9... self-drilling screw
- 10... rivet
- 11... facade cladding
- 12... perforated sheet
- d... cladding thickness
- y... rivet distance
(in accordance with the cladding material supplier)
- z... rivet distance
(in accordance with the cladding material supplier)

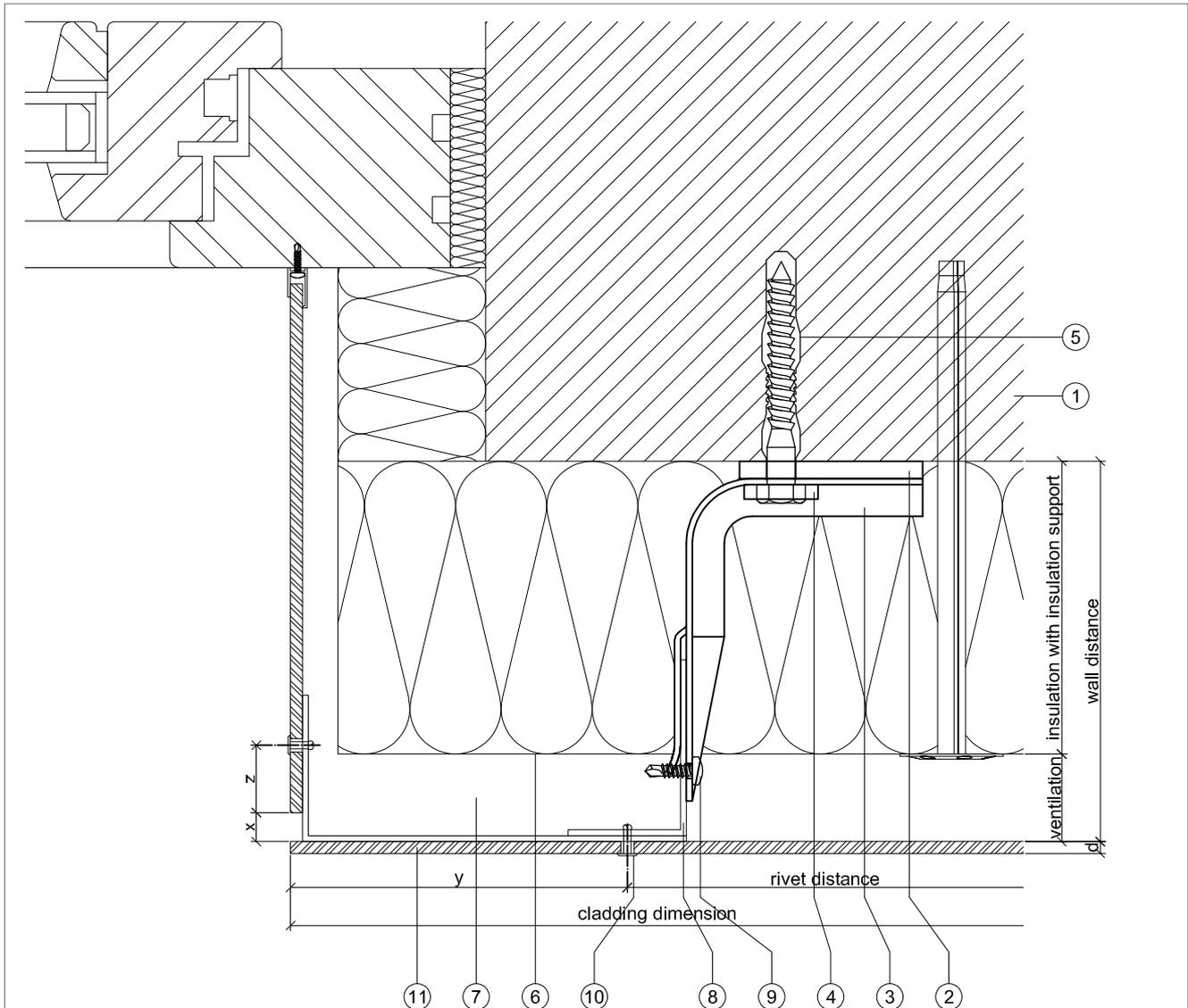
SMB-GN1-2.03 window lintel - section vertical

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SMB-GN1-2.04 window sill - section vertical

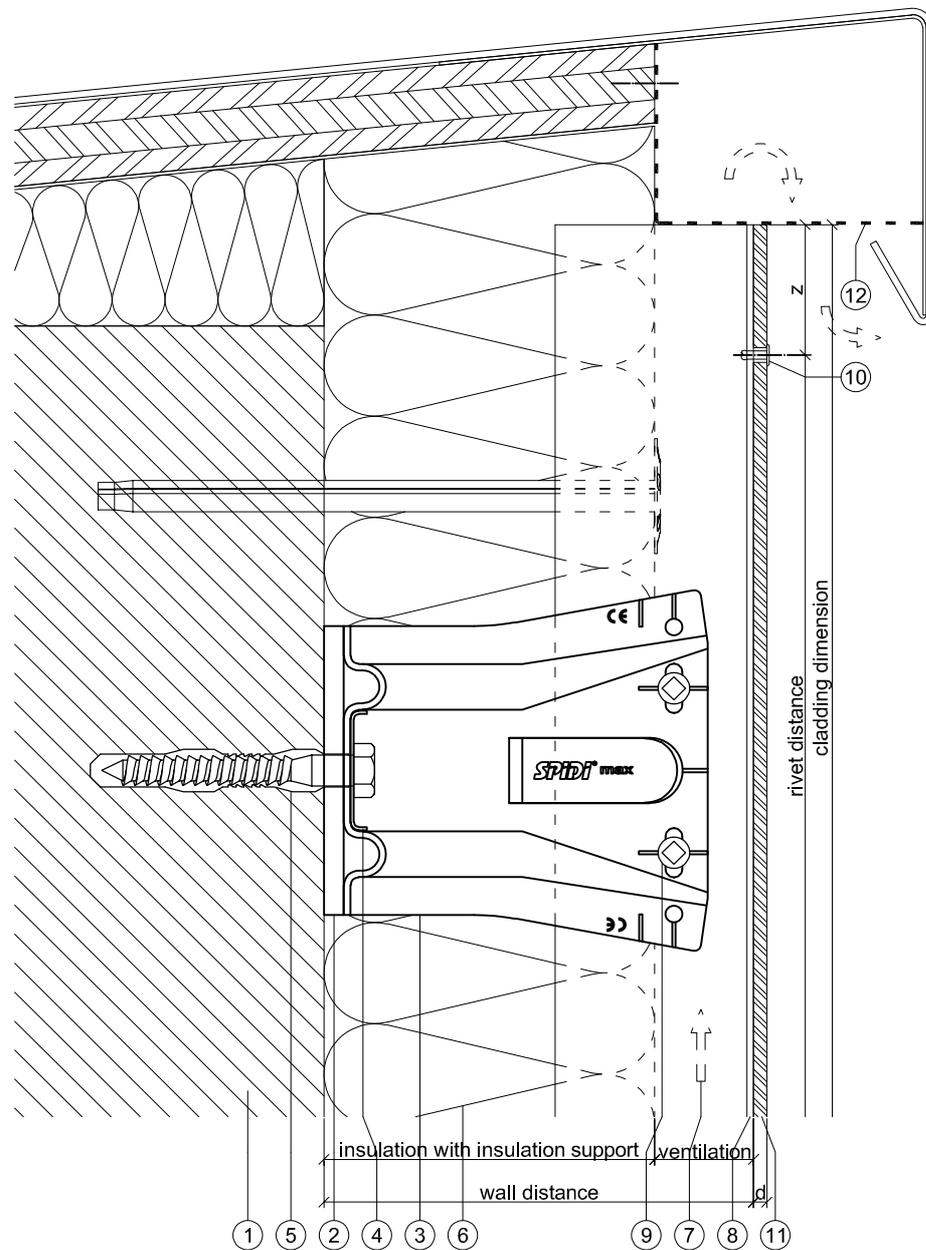
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- | | |
|---|--|
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| 2... SPIDI max Thermostop (premounted) | x... joint width |
| 3... SPIDI max bracket | y... rivet distance
(in accordance with the cladding material supplier) |
| 4... SPIDI max washer | z... rivet distance
(in accordance with the cladding material supplier) |
| 5... fixing element (depending on wall condition) | |
| 6... insulation with insulation support | |
| 7... ventilation | |
| 8... vertical support profile | |
| 9... self-drilling screw | |
| 10... rivet | |
| 11... facade cladding | |

SMB-GN1-2.05 window reveal - section horizontal

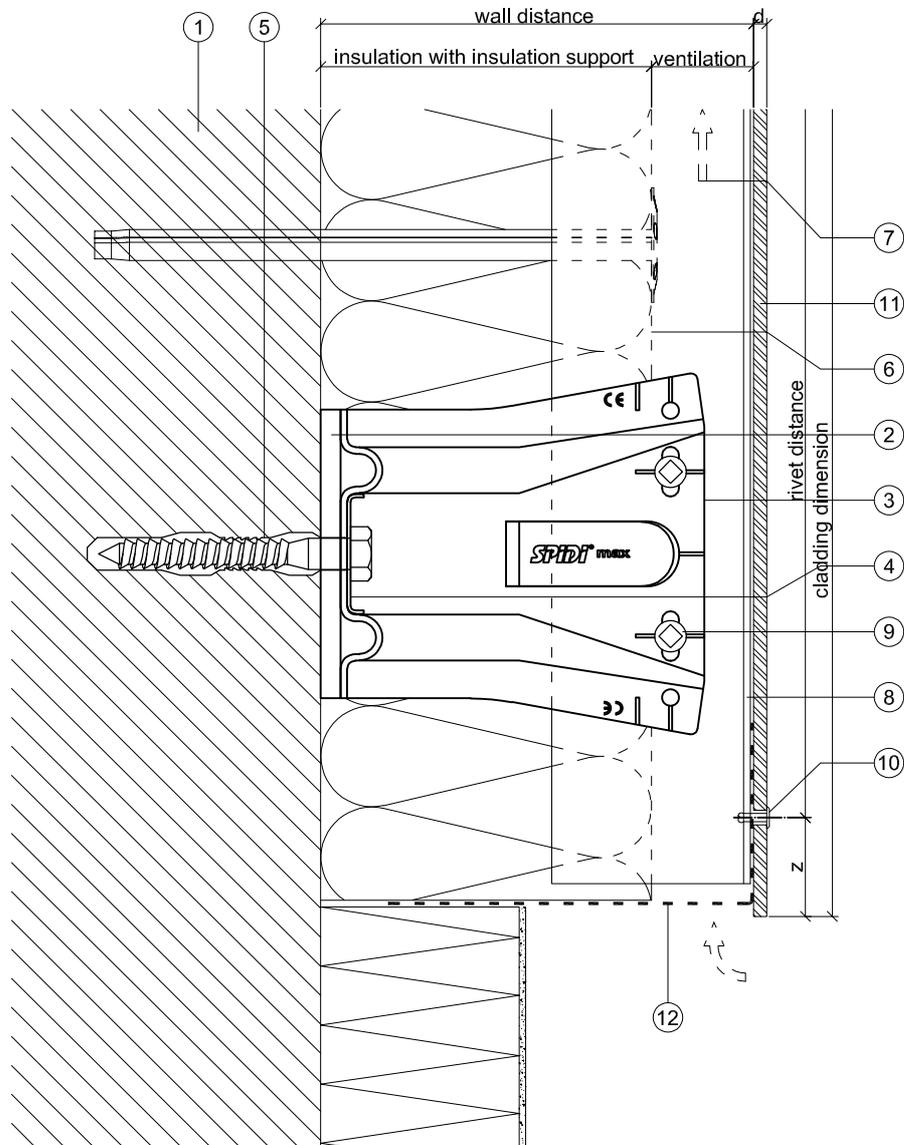
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| 5... fixing element (depending on wall condition) | d... cladding thickness |
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| 8... vertical support profile | |

SMB-GN1-2.06 parapet cladding - section vertical

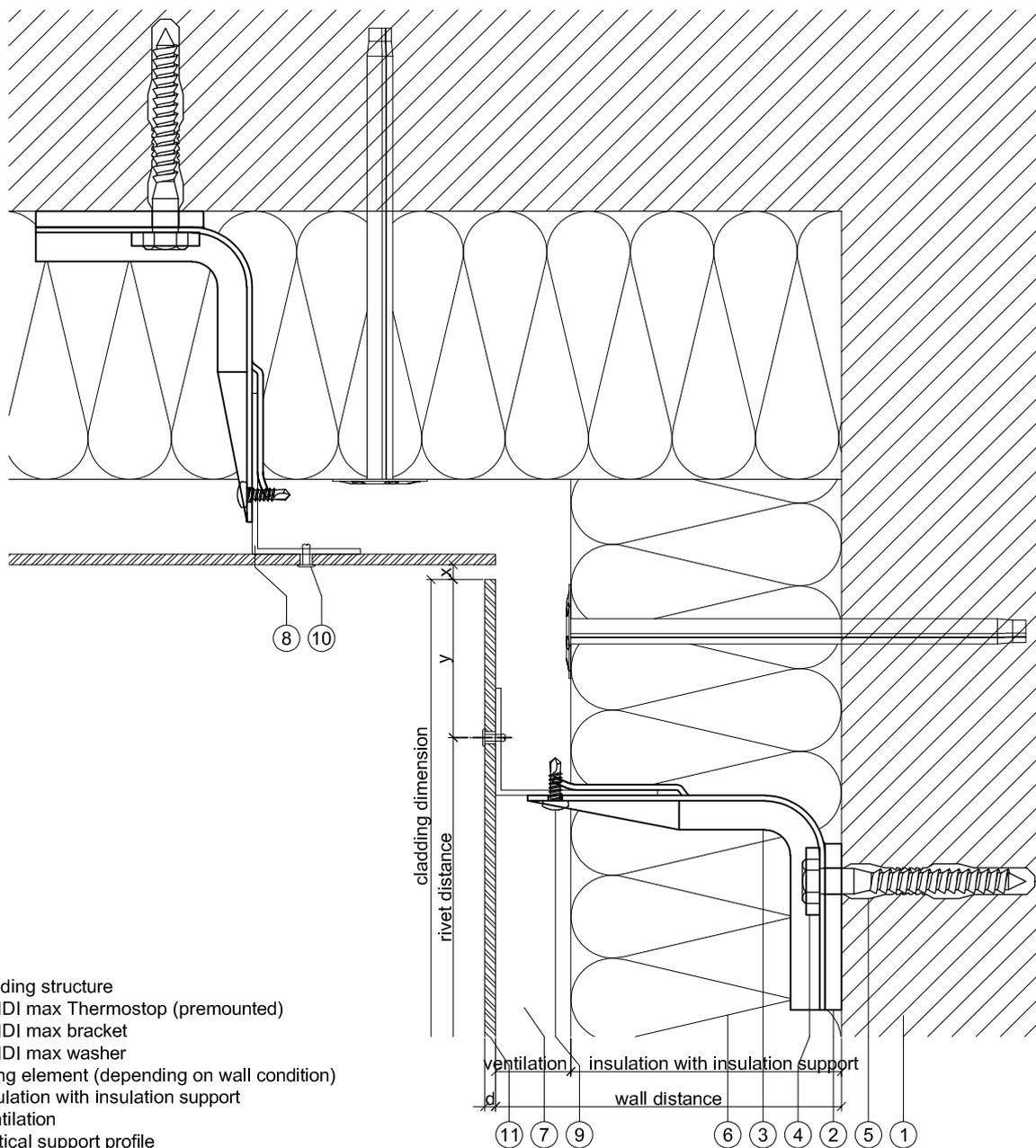
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| 8... vertical support profile | |

SMB-GN1-2.07 plinth - section vertical

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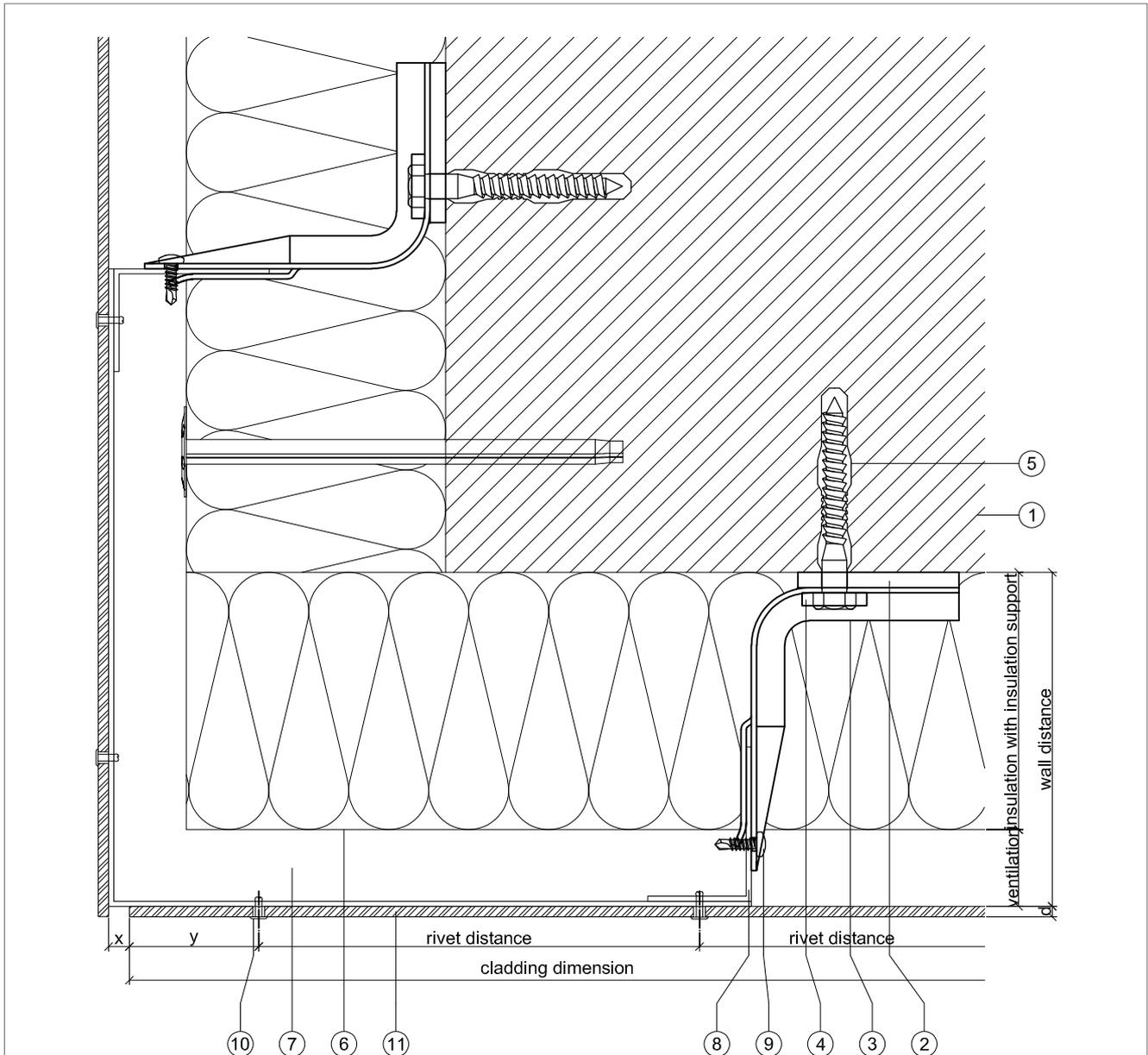


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- 7... ventilation
- 8... vertical support profile
- 9... self-drilling screw
- 10... rivet
- 11... facade cladding
- d... cladding thickness
- x... joint width
- y... rivet distance
(in accordance with the cladding material supplier)

SMB-GN1-2.08 internal corner - section horizontal

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facade system

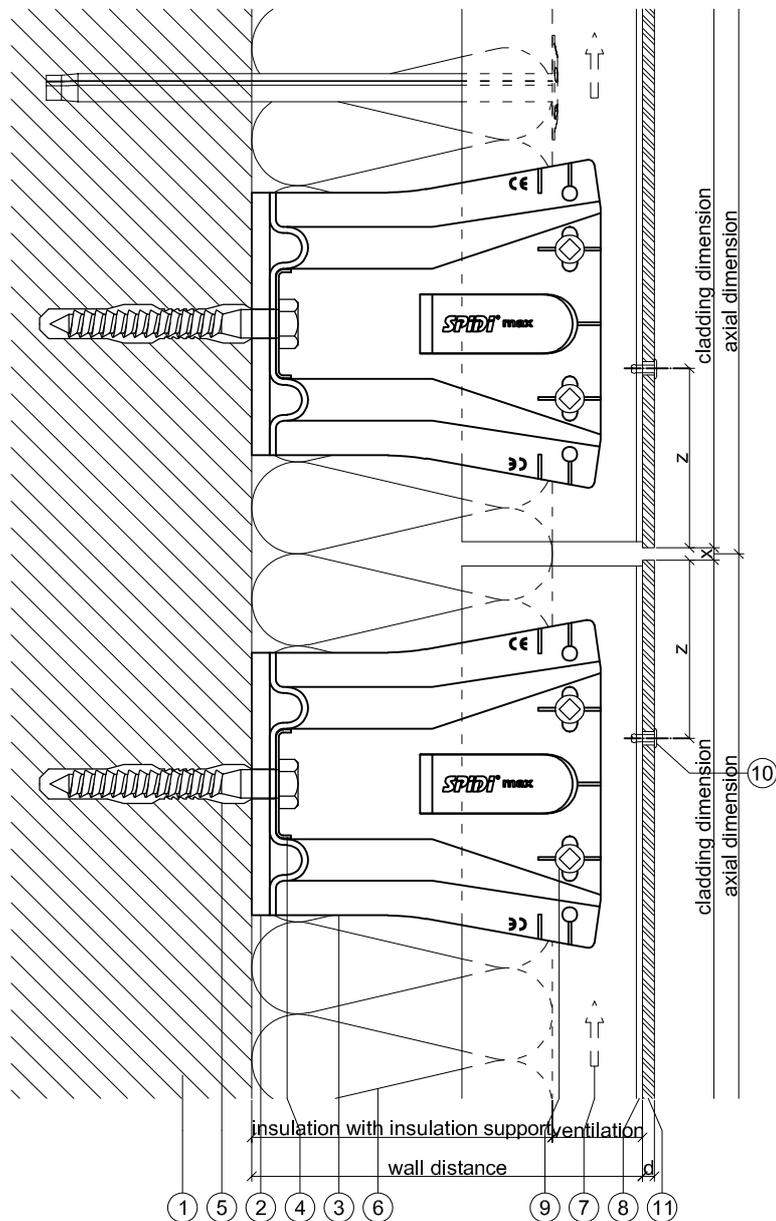


- | | |
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| 3... SPIDI max bracket | y... rivet distance |
| 4... SPIDI max washer | (in accordance with the cladding material supplier) |
| 5... fixing element (depending on wall condition) | |
| 6... insulation with insulation support | |
| 7... ventilation | |
| 8... vertical support profile | |
| 9... self-drilling screw | |
| 10... rivet | |
| 11... facade cladding | |

SMB-GN1-2.09 external corner - section horizontal

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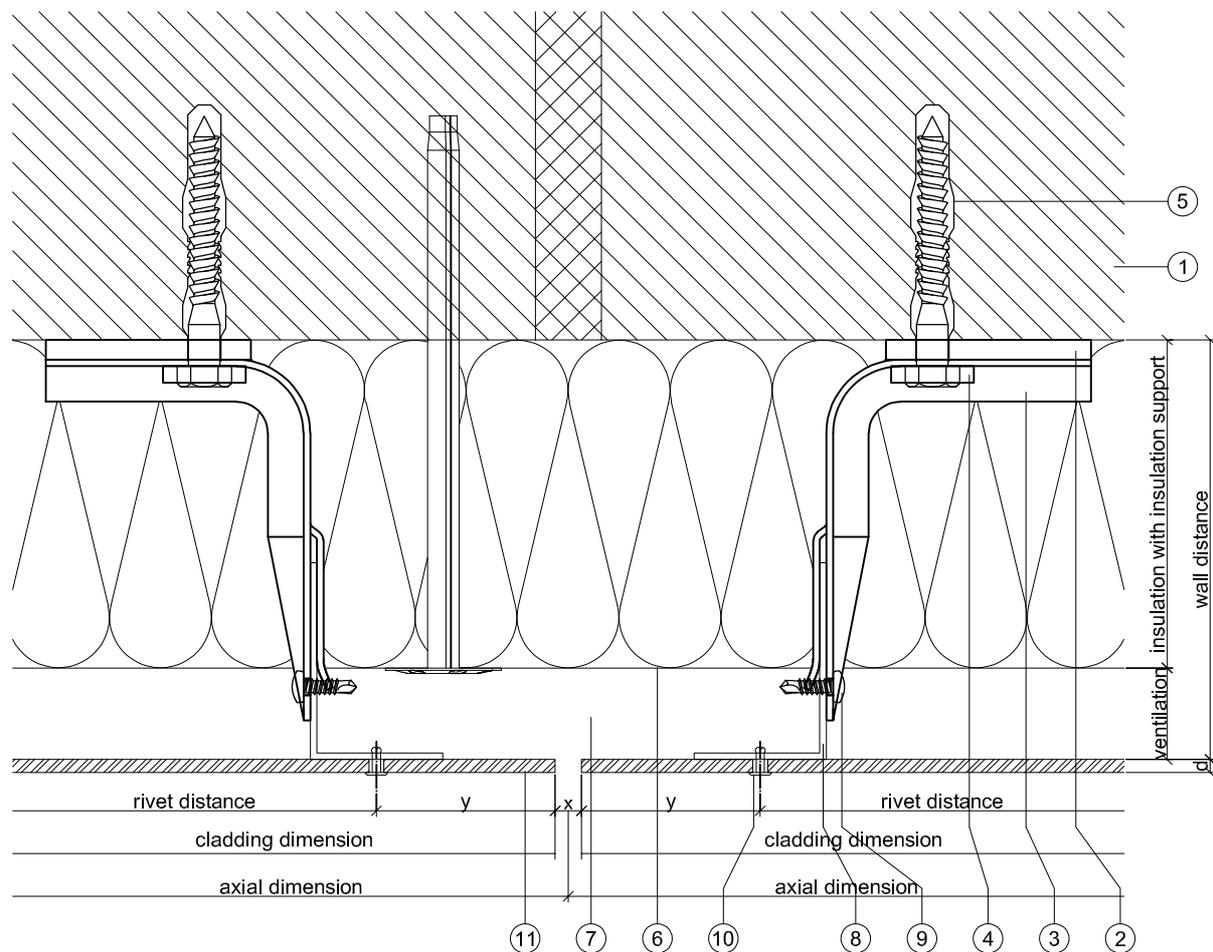
facade system



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SMB-GN1-2.10 profile joint - section vertical

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| 8... vertical support profile | |

SMB-GN1-2.11 building expansion joint - section horizontal

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