

**ventilated facade**

**SMB-PV1**

Photovoltaic modules with frame

visibly fixed with clamps  
on 1-layer

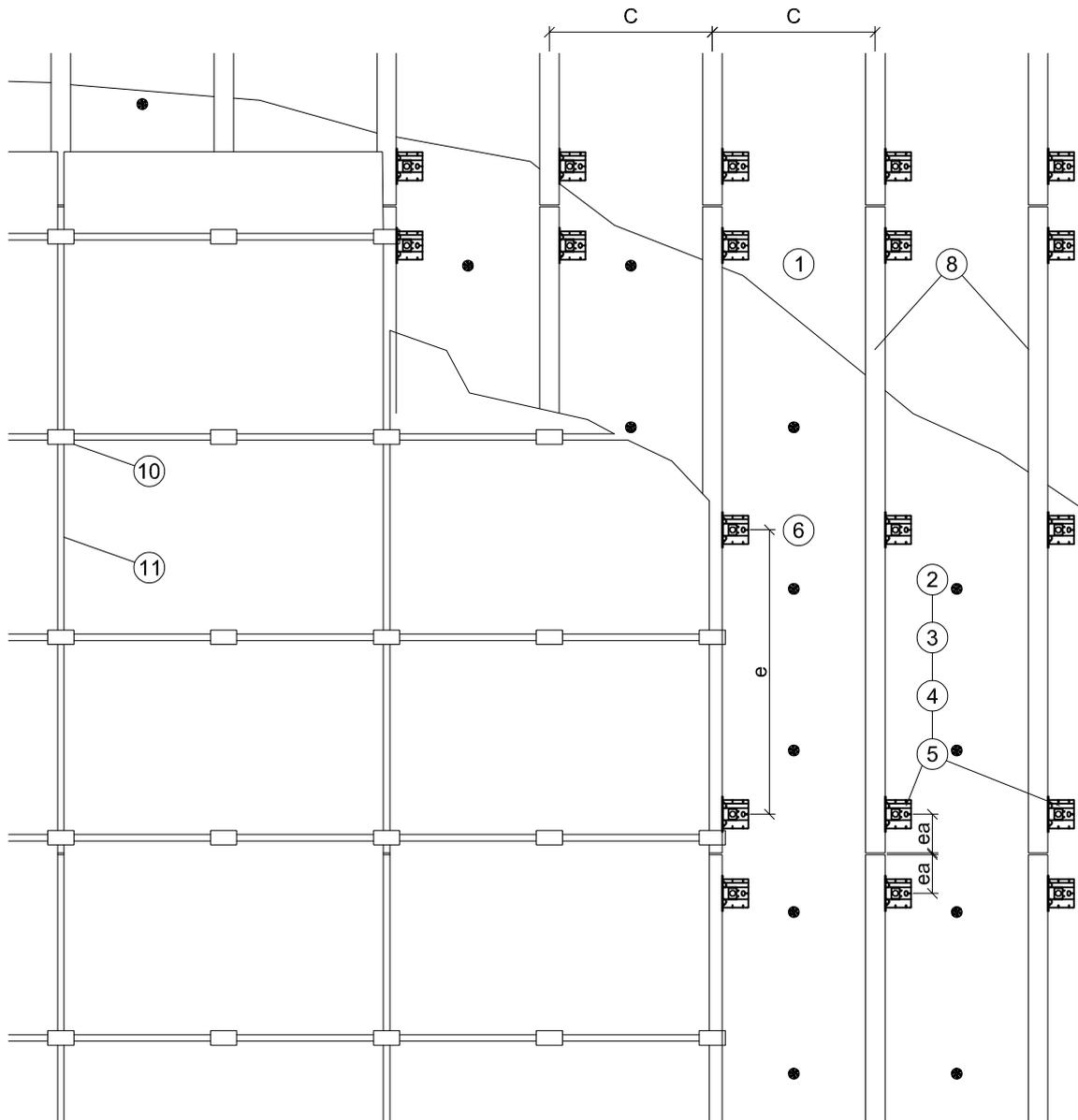


**metal subconstruction**

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



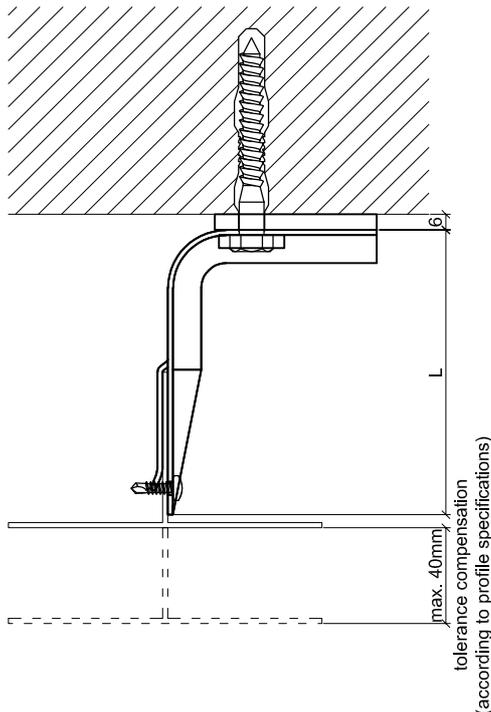
- 1... building structure
- 2... SPIDI max Thermostop (premounted)
- 3... SPIDI max bracket
- 4... SPIDI max washer
- 5... fixing element (depending on wall condition)
- 6... insulation with insulation support
- 8... vertical support profile
- 10... clamp
- 11... PV module

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

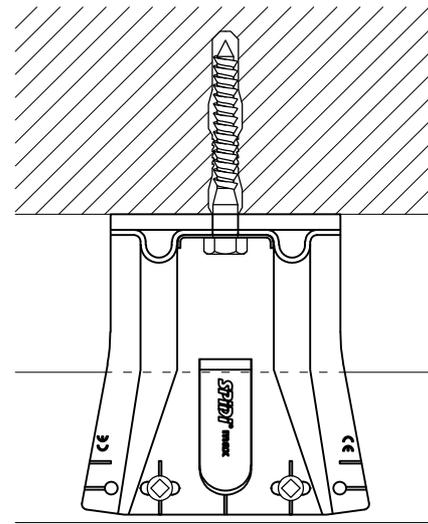
## SMB-PV1-1.01 system overview - detail

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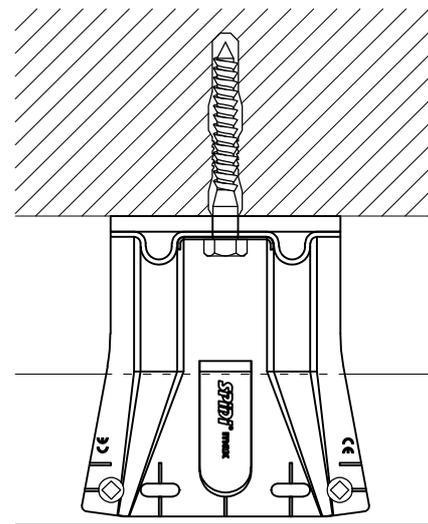
TOLERANCE COMPENSATION



SLIDING POINT



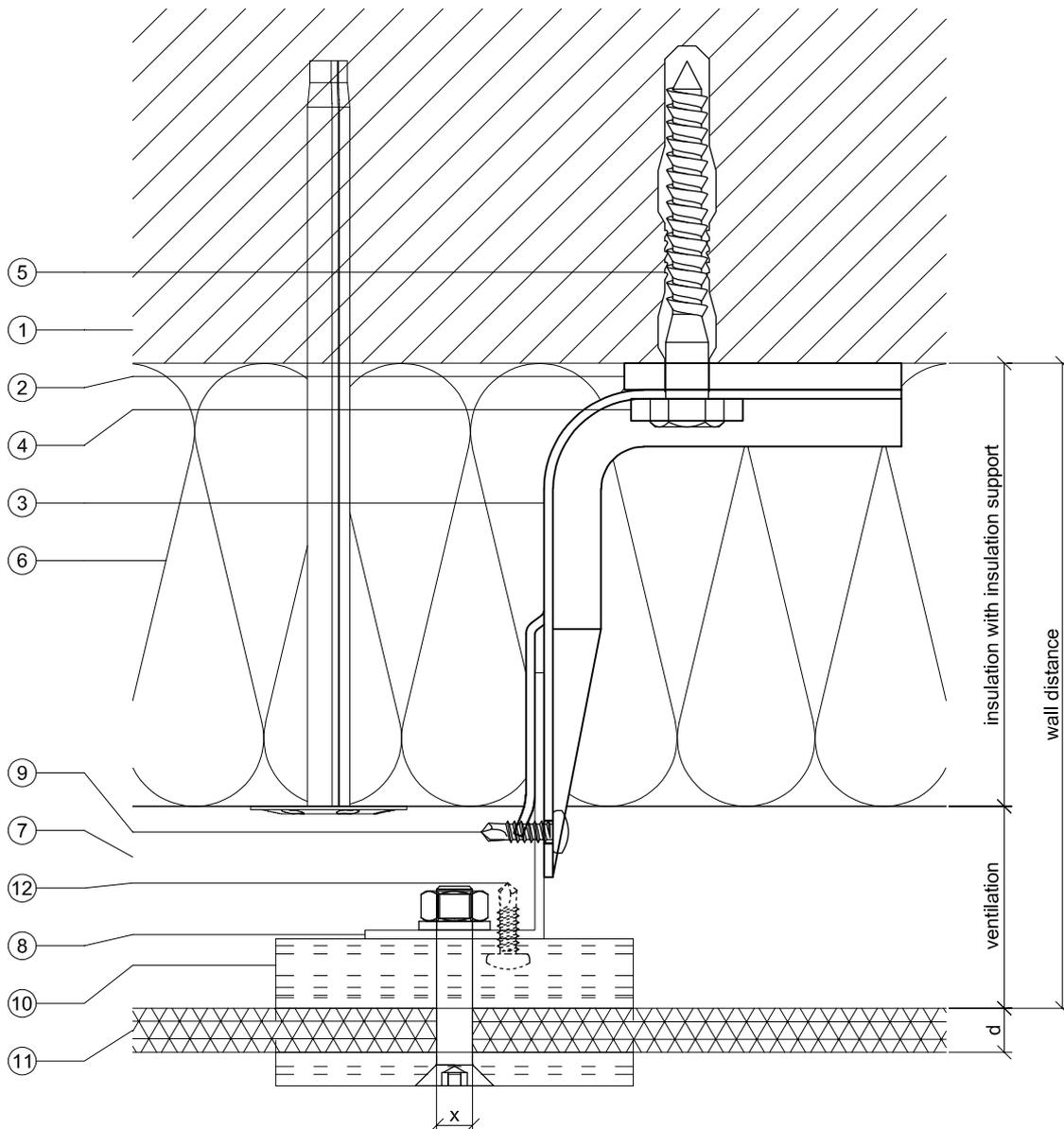
FIXED POINT



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

## SMB-PV1-1.02 tolerance compensation (fixed/sliding point)

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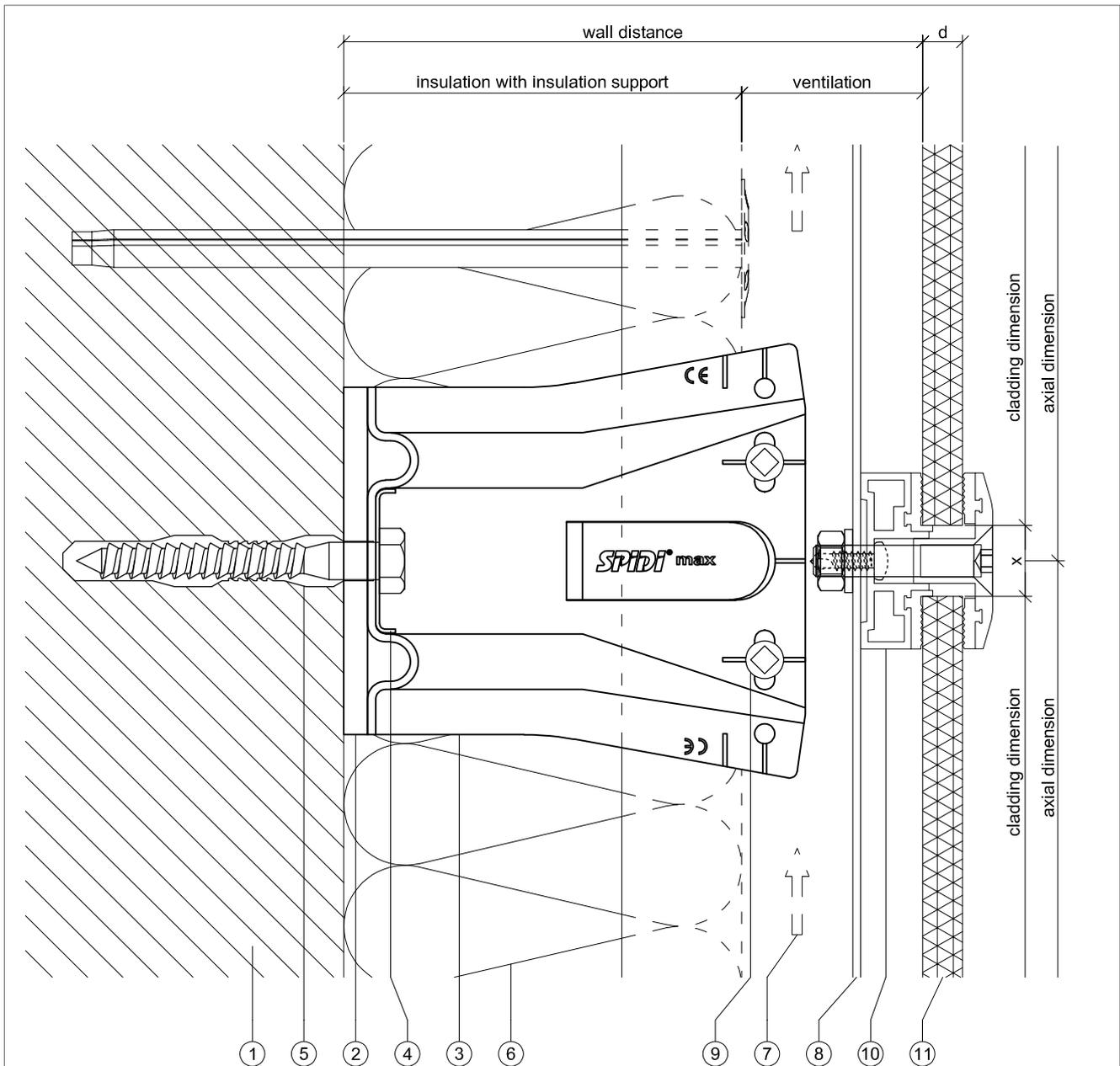


- 1... building structure
- 2... SPIDI max Thermostop (premounted)
- 3... SPIDI max bracket
- 4... SPIDI max washer
- 5... fixing element (depending on wall condition)
- 6... insulation with insulation support
- 7... ventilation

- 8... vertical support profile
- 9... self-drilling screw
- 10... clamp
- 11... PV module
- 12... self-drilling screw
- d... cladding thickness
- x... joint width

## SMB-PV1-2.01 general section horizontal

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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... clamp                   |
| 4... SPIDI max washer                             | 11... PV module               |
| 5... fixing element (depending on wall condition) | d... cladding thickness       |
| 6... insulation with insulation support           | x... joint width              |
| 7... ventilation                                  |                               |

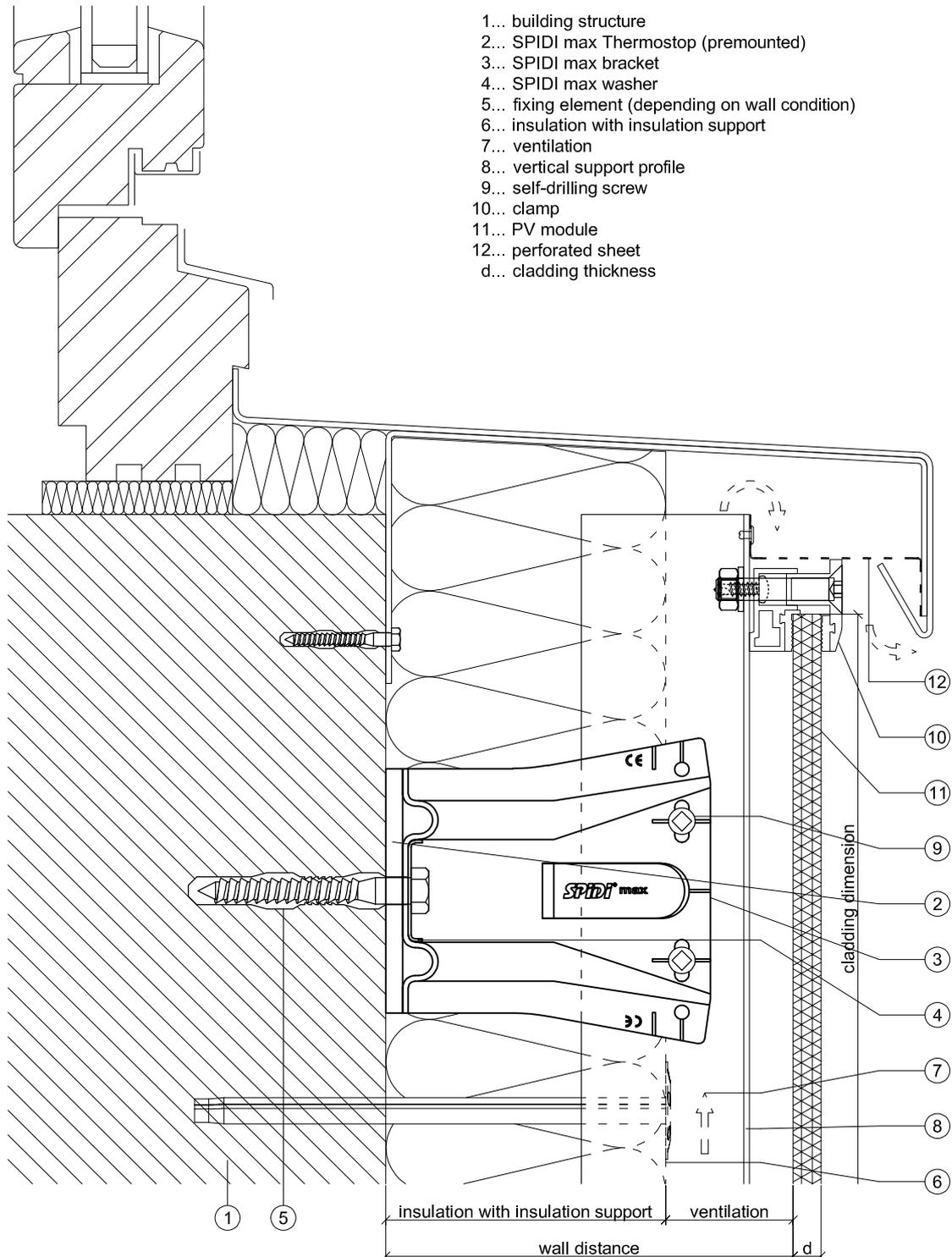
## SMB-PV1-2.02 general section vertical

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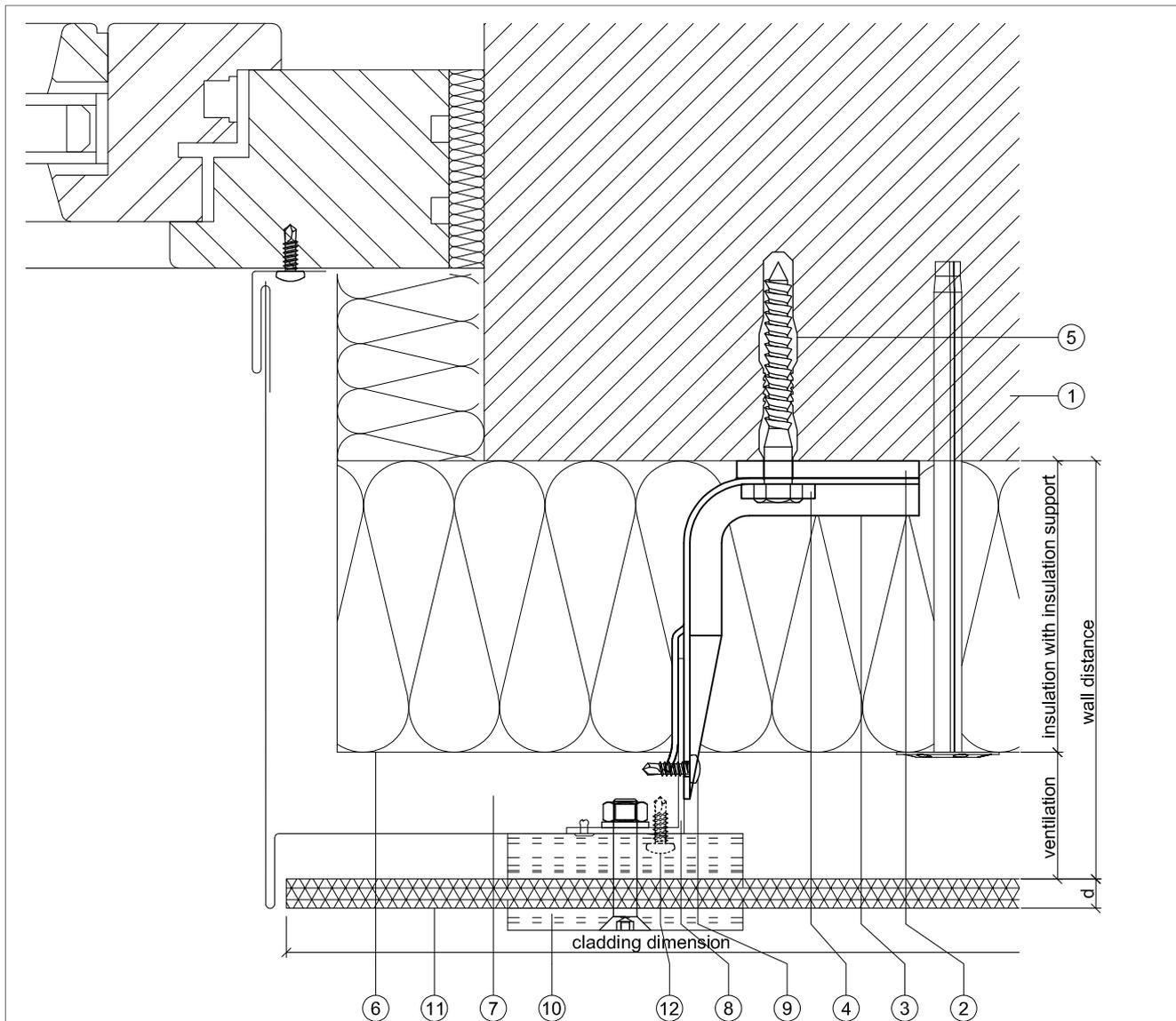
# facade system

# SPIDI®



## SMB-PV1-2.04 window sill - section vertical

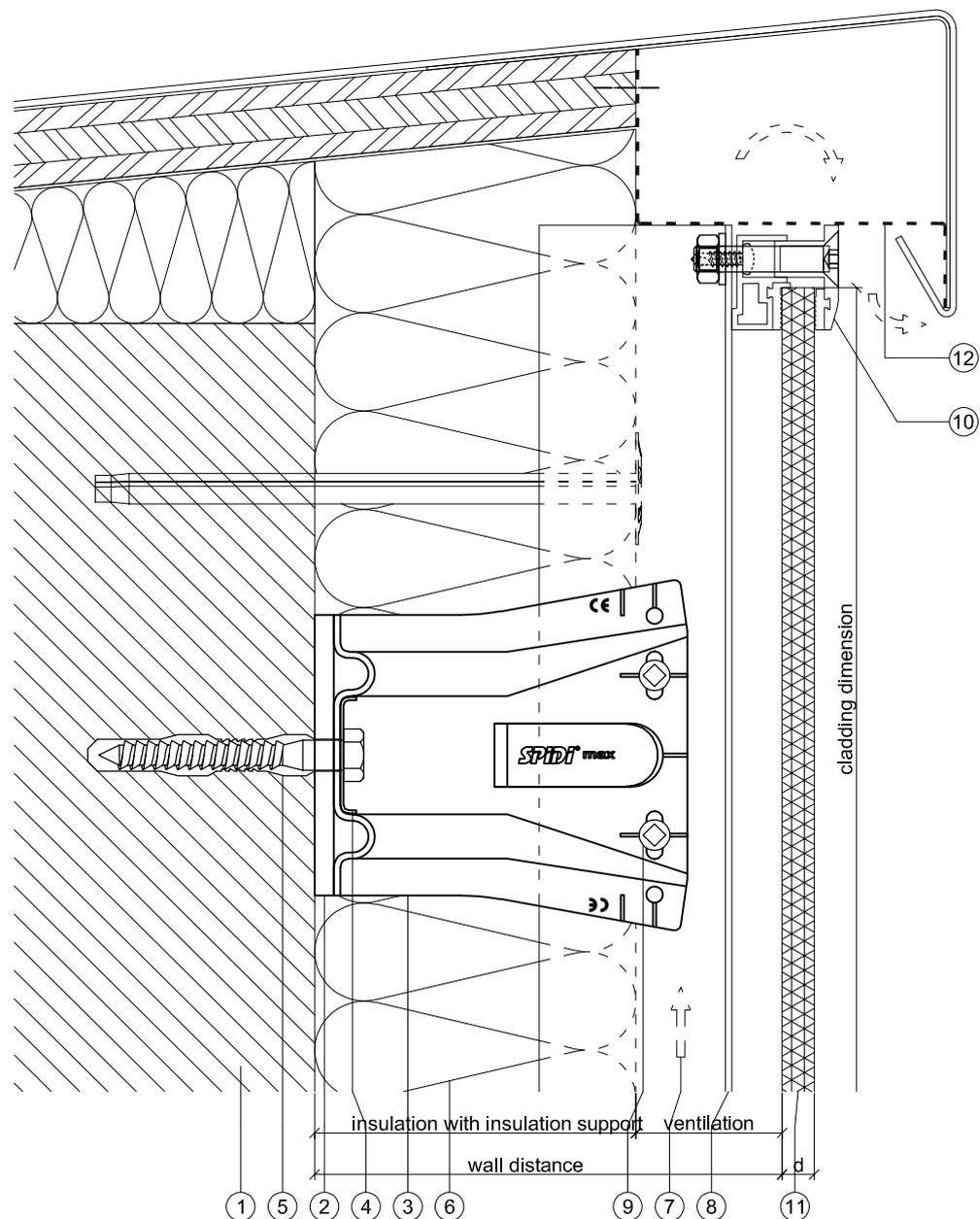
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- 4... SPIDI max washer
- 5... fixing element (depending on wall condition)
- 6... insulation with insulation support
- 7... ventilation
- 8... vertical support profile
- 9... self-drilling screw
- 10... clamp
- 11... PV module
- 12... self-drilling screw
- d... cladding thickness
- x... joint width

## SMB-PV1-2.05 window reveal - section horizontal

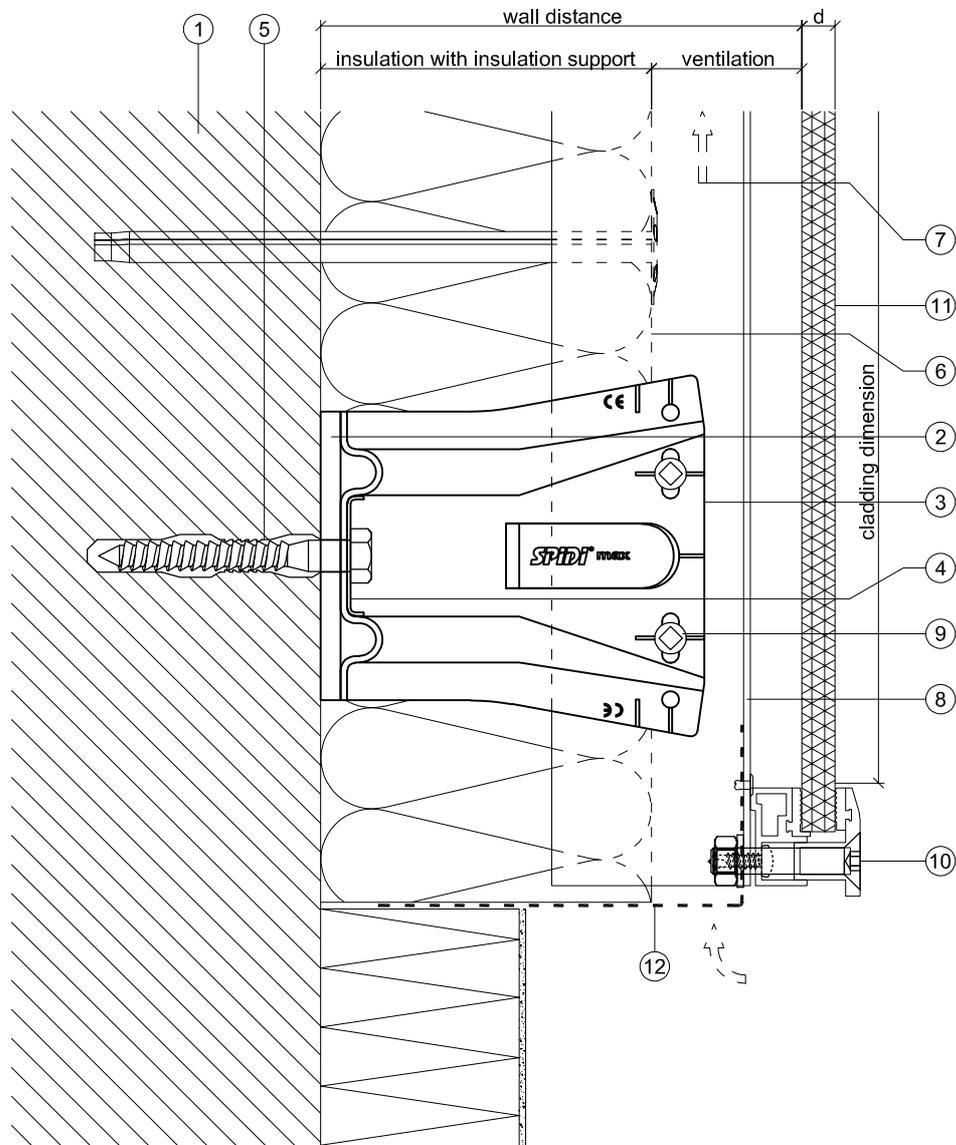
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- |   |                               |
|---|-------------------------------|
| 1... building structure                           | 8... vertical support profile |
| 2... SPIDI max Thermostop (premounted)            | 9... self-drilling screw      |
| 3... SPIDI max bracket                            | 10... clamp                   |
| 4... SPIDI max washer                             | 11... PV module               |
| 5... fixing element (depending on wall condition) | 12... perforated sheet        |
| 6... insulation with insulation support           | d... cladding thickness       |
| 7... ventilation                                  |                               |

## SMB-PV1-2.06 parapet cladding - section vertical

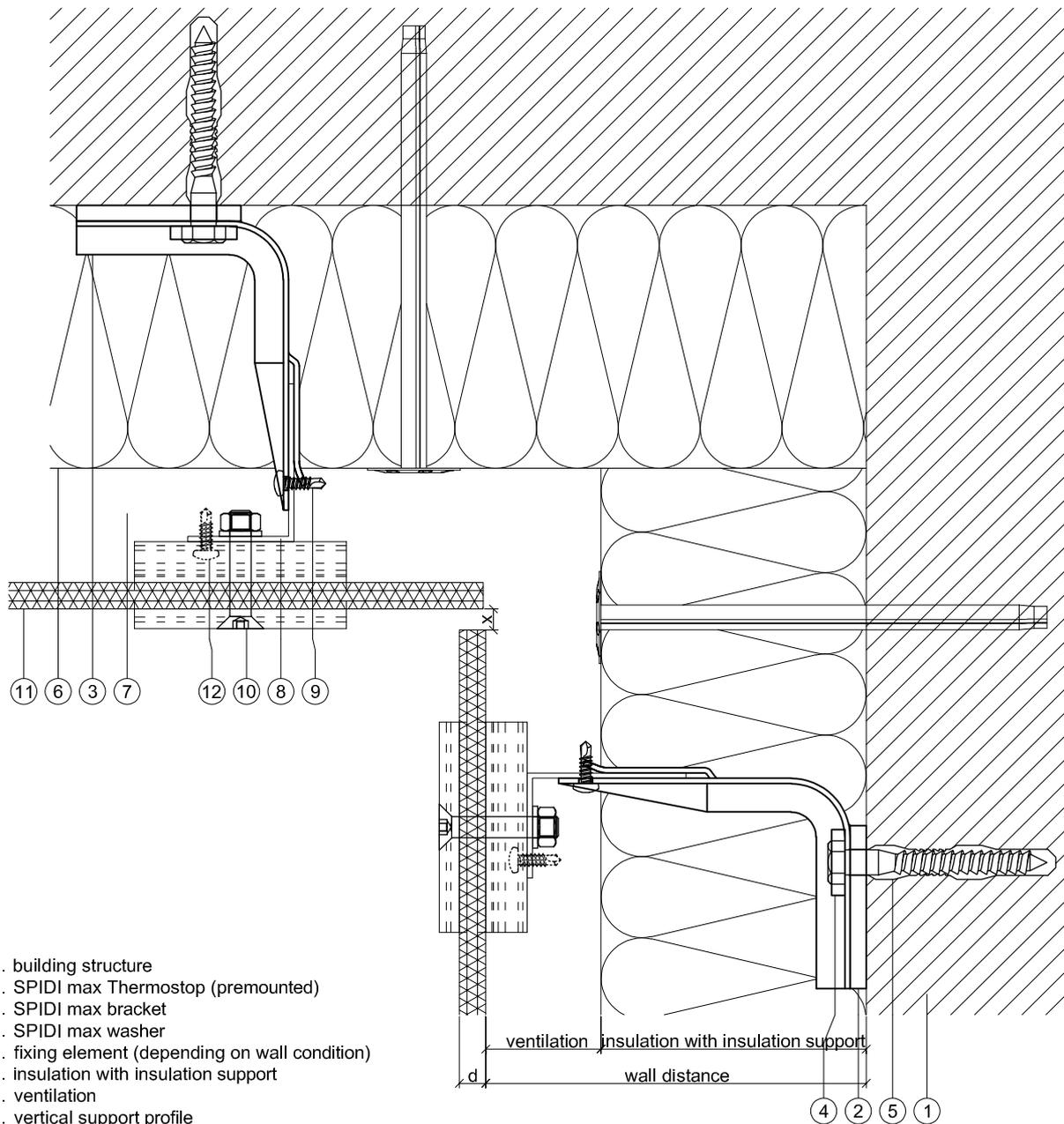
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- |   |                               |
|---|-------------------------------|
| 1... building structure                           | 8... vertical support profile |
| 2... SPIDI max Thermostop (premounted)            | 9... self-drilling screw      |
| 3... SPIDI max bracket                            | 10... clamp                   |
| 4... SPIDI max washer                             | 11... PV module               |
| 5... fixing element (depending on wall condition) | 12... perforated sheet        |
| 6... insulation with insulation support           | d... cladding thickness       |
| 7... ventilation                                  |                               |

## SMB-PV1-2.07 plinth - section vertical

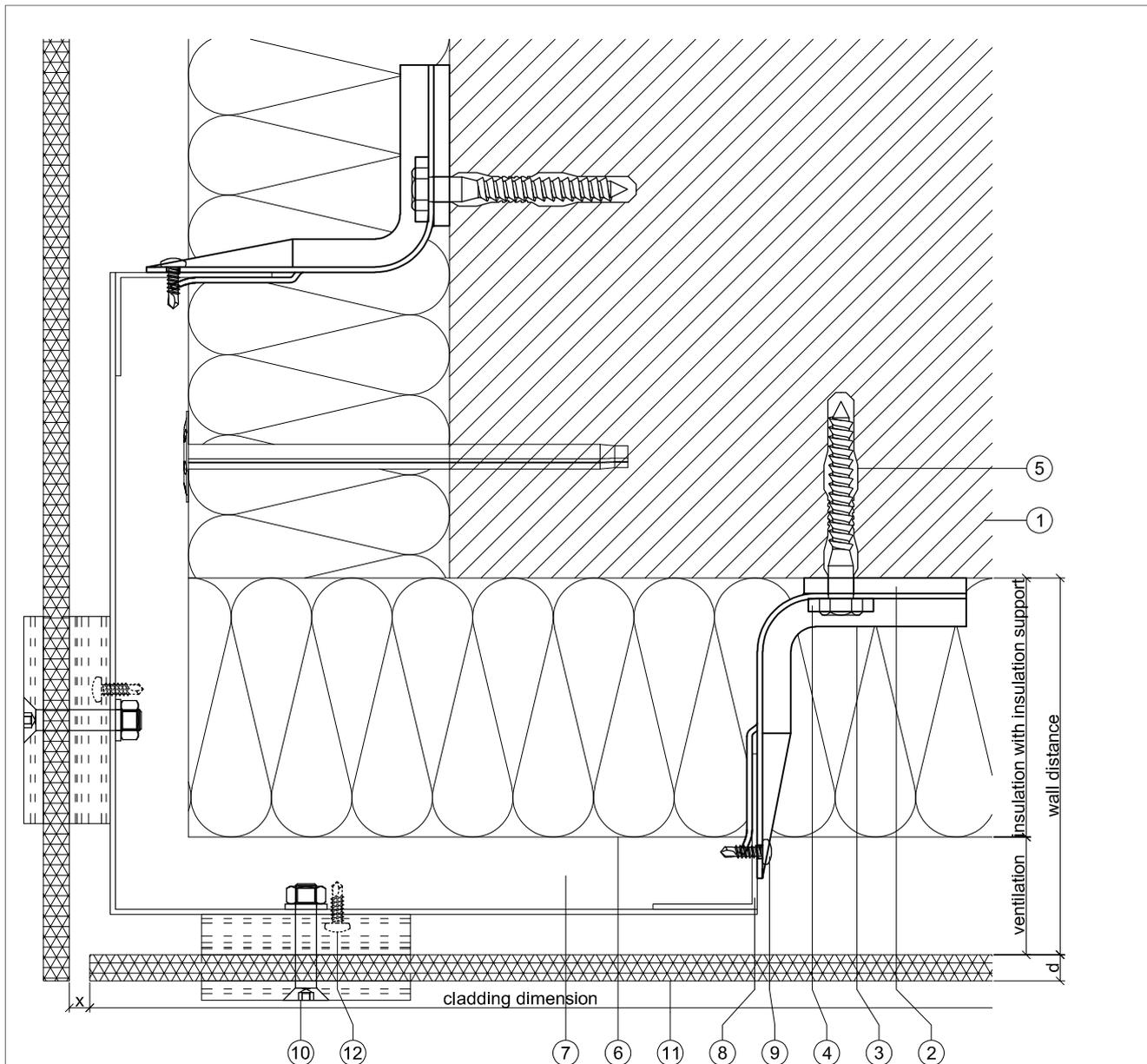
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- 6... insulation with insulation support
- 7... ventilation
- 8... vertical support profile
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- 10... clamp
- 11... PV module
- 12... self-drilling screw
- d... cladding thickness
- x... joint width

## SMB-PV1-2.08 internal corner - section horizontal

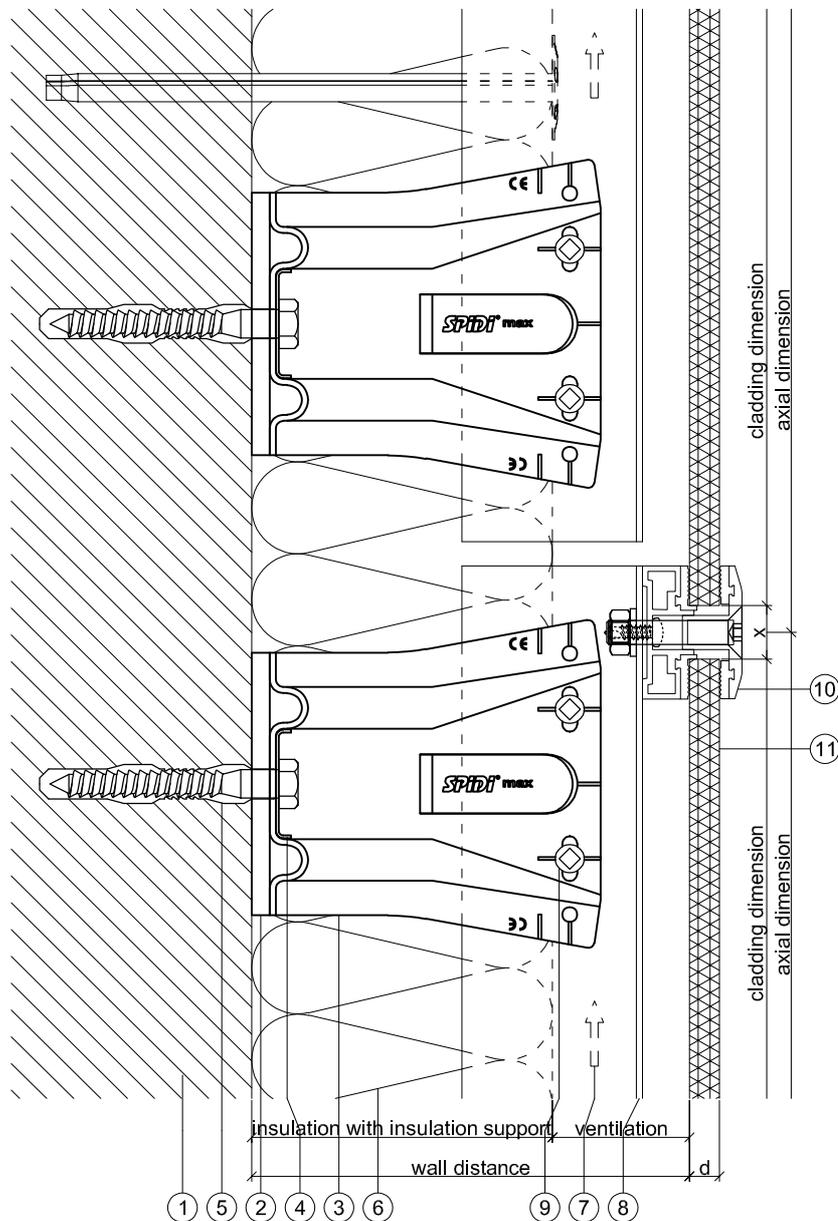
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- |   |                               |
|---|-------------------------------|
| 1... building structure                           | 8... vertical support profile |
| 2... SPIDI max Thermostop (premounted)            | 9... self-drilling screw      |
| 3... SPIDI max bracket                            | 10... clamp                   |
| 4... SPIDI max washer                             | 11... PV module               |
| 5... fixing element (depending on wall condition) | 12... self-drilling screw     |
| 6... insulation with insulation support           | d... cladding thickness       |
| 7... ventilation                                  | x... joint width              |

## SMB-PV1-2.09 external corner - section horizontal

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- 6... insulation with insulation support
- 7... ventilation

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- 10... clamp
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- d... cladding thickness
- x... joint width

## SMB-PV1-2.10 profile joint - section vertical

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