

**ventilated facade**

# **SMB-GSH1**

Fibre cement, glassfibre reinforced concrete,  
HPL panels, render carrier boards

visibly fixed with screws  
on 2-layer

**SPIDI® max**

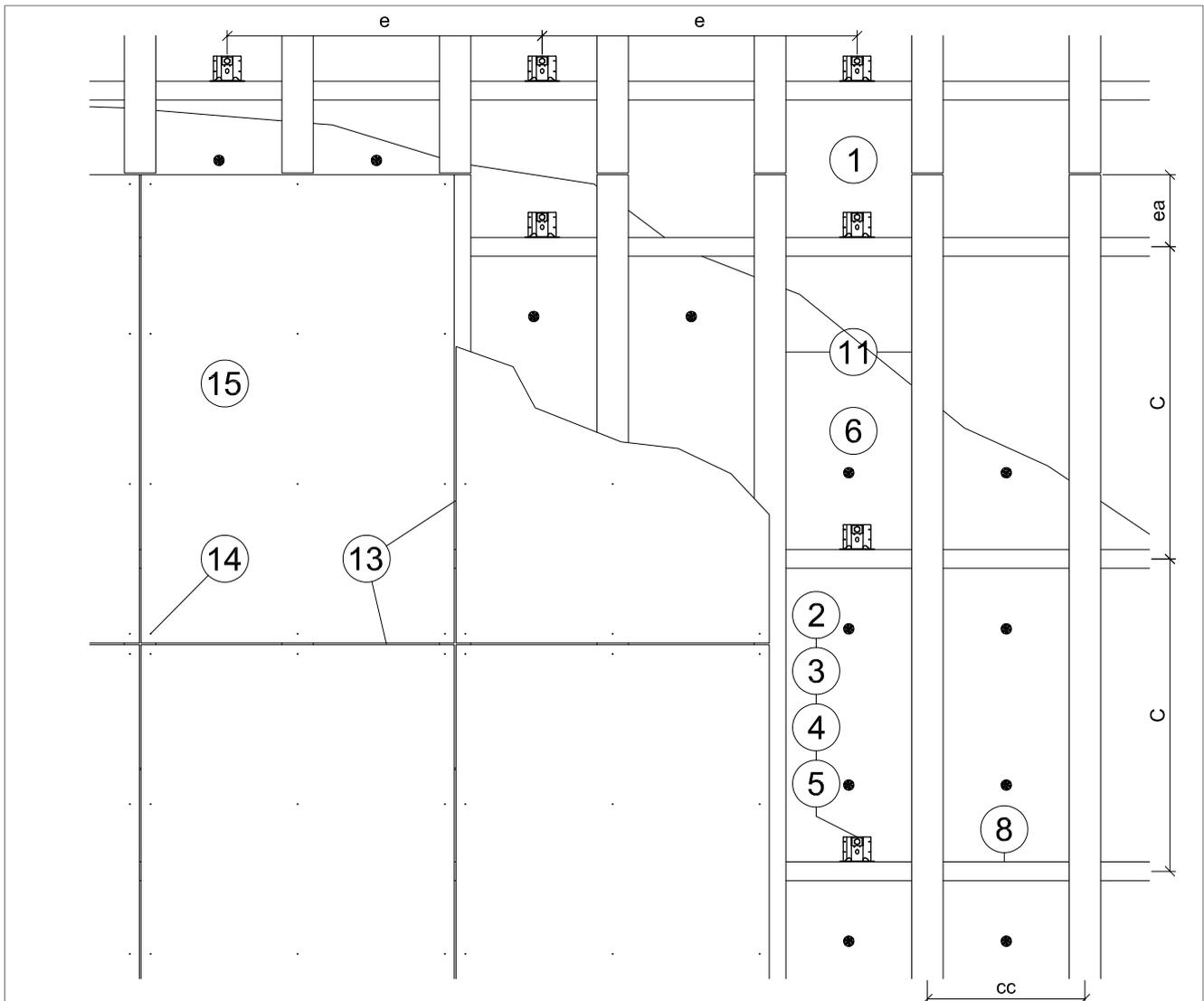
**metal subconstruction/wooden slats**

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

# facade system



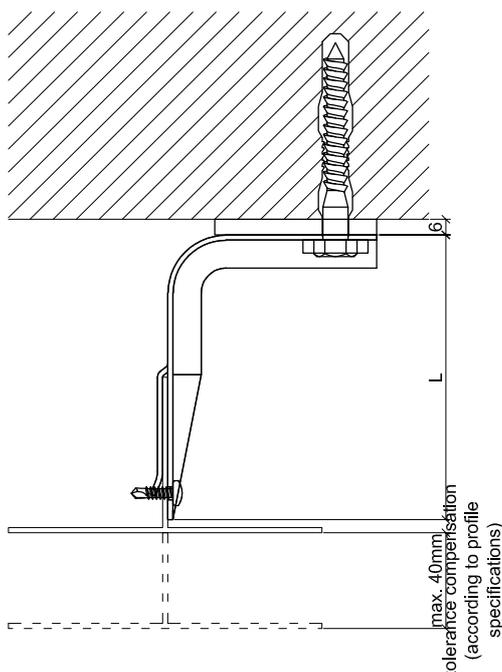
- 1... building structure
- 2... SPIDI max Thermostop (premounted)
- 3... SPIDI max bracket
- 4... SPIDI max washer
- 5... fixing element (depending on wall condition)
- 6... insulation with insulation support
- 8... horizontal support profile
- 11... wooden slat
- 13... joint profile
- 14... facade screw
- 15... facade cladding

- C... profile distance
- cc... profile distance 2nd layer
- e... brackets distance
- ea... cantilever

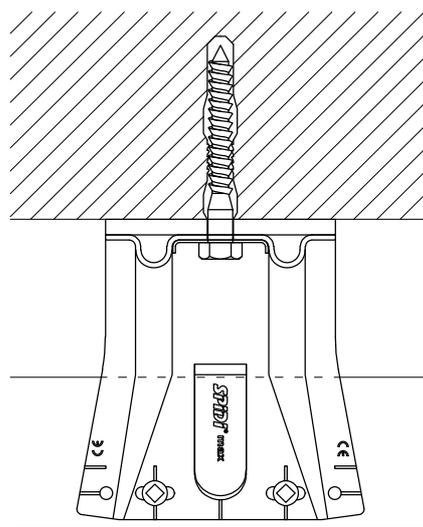
## SMB-GSH1-1.01 system overview – detail

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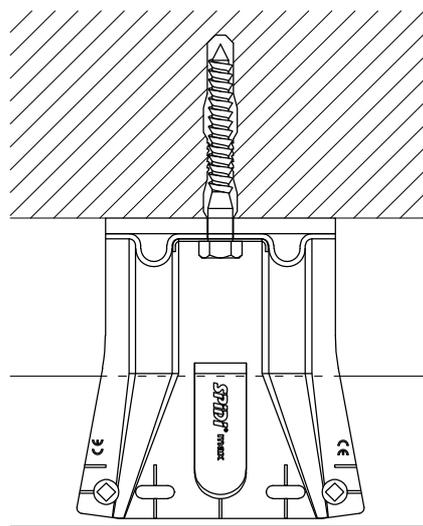
TOLERANCE COMPENSATION



SLIDING POINT



FIXED POINT

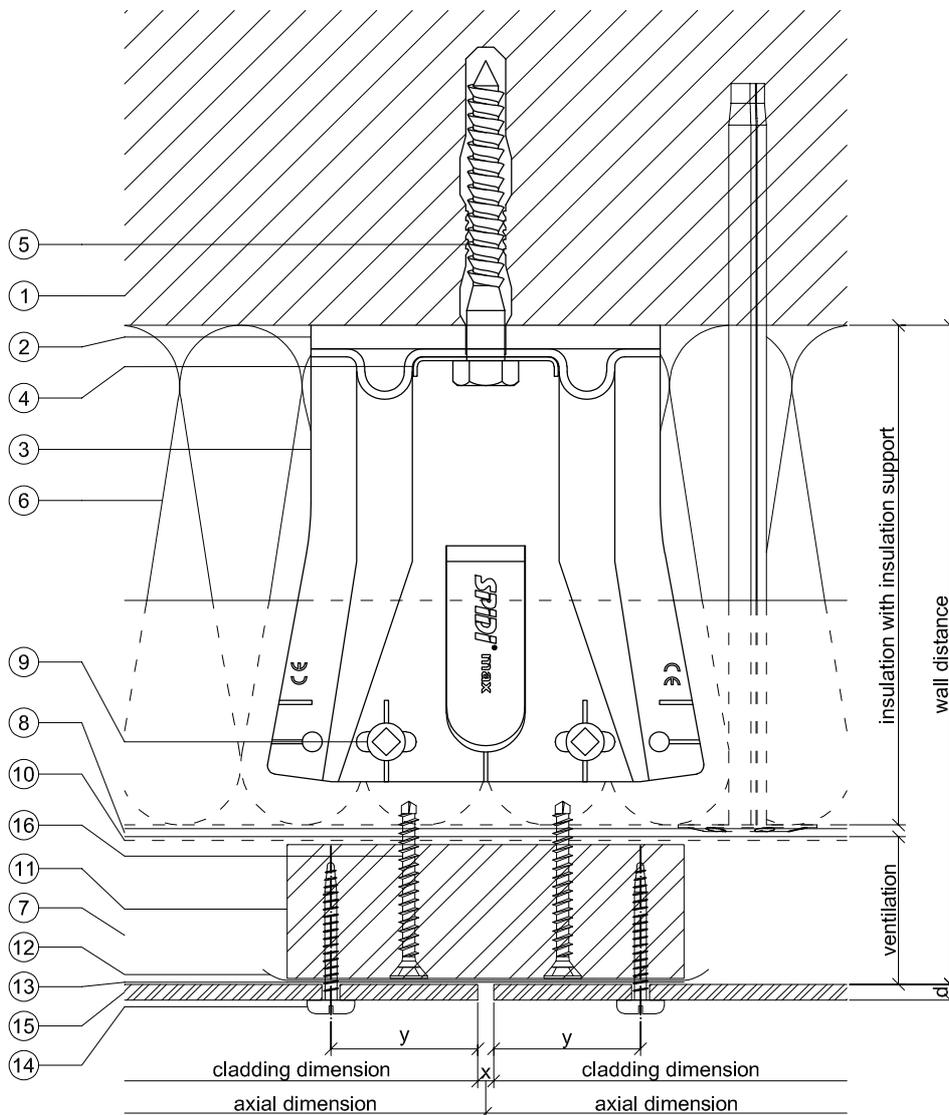


SPIDI max brackets	
description	length L
SPIDI max 65/80	65
SPIDI max 85/80	85
SPIDI max 110/80	110
SPIDI max 135/80	135
SPIDI max 160/80	160
SPIDI max 170/80	170
SPIDI max 185/80	185
SPIDI max 210/80	210
SPIDI max 240/80	240
SPIDI max 270/80	270
SPIDI max 300/80	300
SPIDI max 330/80	330
SPIDI max 360/80	360
SPIDI max 390/80	390
SPIDI max 420/80	420
SPIDI max 450/80	450

SPIDI max brackets	
description	length L
SPIDI max 480/80	480
SPIDI max 510/80	510
SPIDI max 540/80	540
SPIDI max 570/80	570
SPIDI max 600/80	600
SPIDI max 630/80	630
SPIDI max 660/80	660
SPIDI max 690/80	690
SPIDI max 720/80	720
SPIDI max 750/80	750
SPIDI max 780/80	780
SPIDI max 810/80	810
SPIDI max 840/80	840
SPIDI max 870/80	870
SPIDI max 900/80	900
special lengths	on demand

## SMB-GSH1-1.02 tolerance compensation (fixed/sliding point)

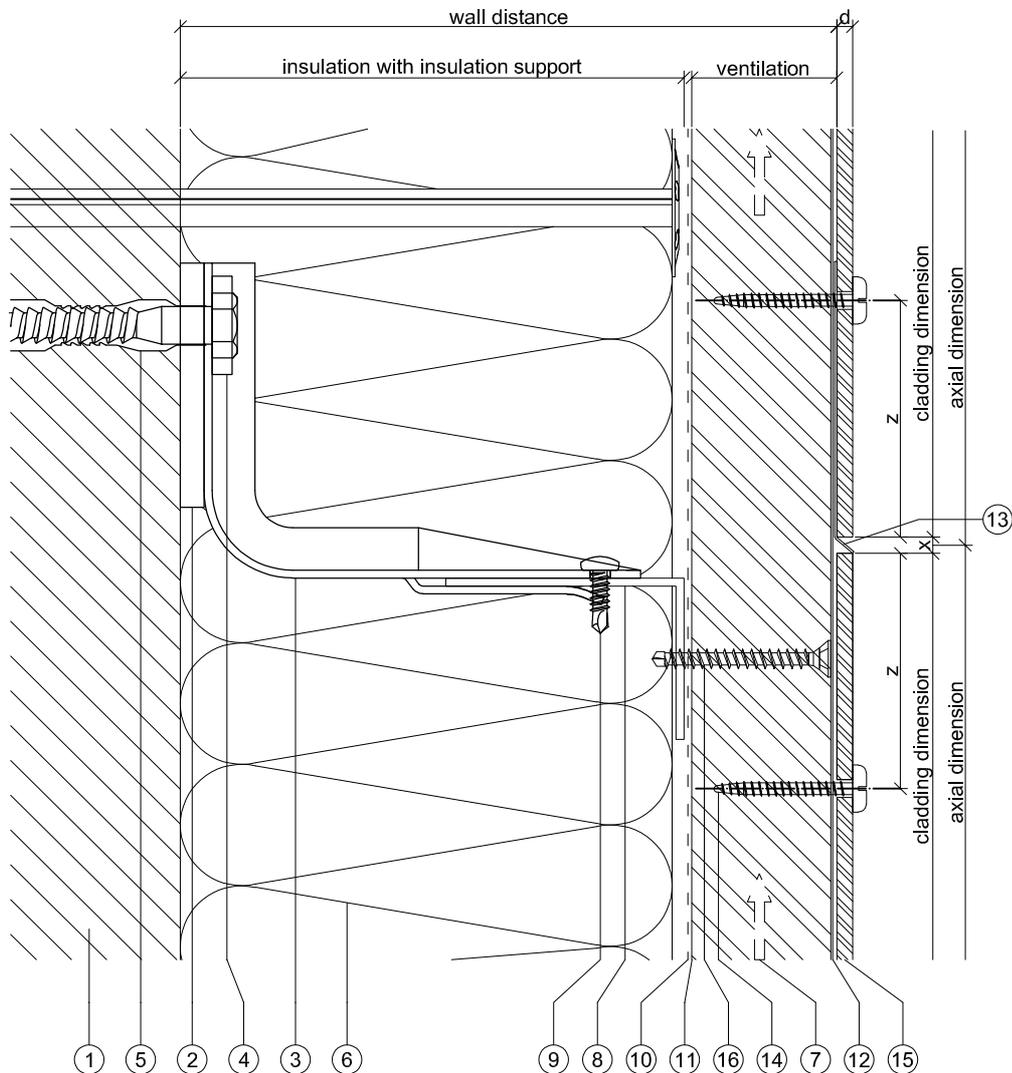
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- |   |   |
|---|---|
| 1... building structure                           | 13... joint profile                                 |
| 2... SPIDI max Thermostop (premounted)            | 14... facade screw                                  |
| 3... SPIDI max bracket                            | 15... facade cladding                               |
| 4... SPIDI max washer                             | 16... self-drilling screw                           |
| 5... fixing element (depending on wall condition) | d... cladding thickness                             |
| 6... insulation with insulation support           | x... joint width                                    |
| 7... ventilation                                  | y... screw distance                                 |
| 8... horizontal support profile                   | (in accordance with the cladding material supplier) |
| 9... self-drilling screw                          |   |
| 10... breather membrane                           |   |
| 11... wooden slat                                 |   |
| 12... EPDM sealing tape                           |   |

## SMB-GSH1-2.01 general section horizontal

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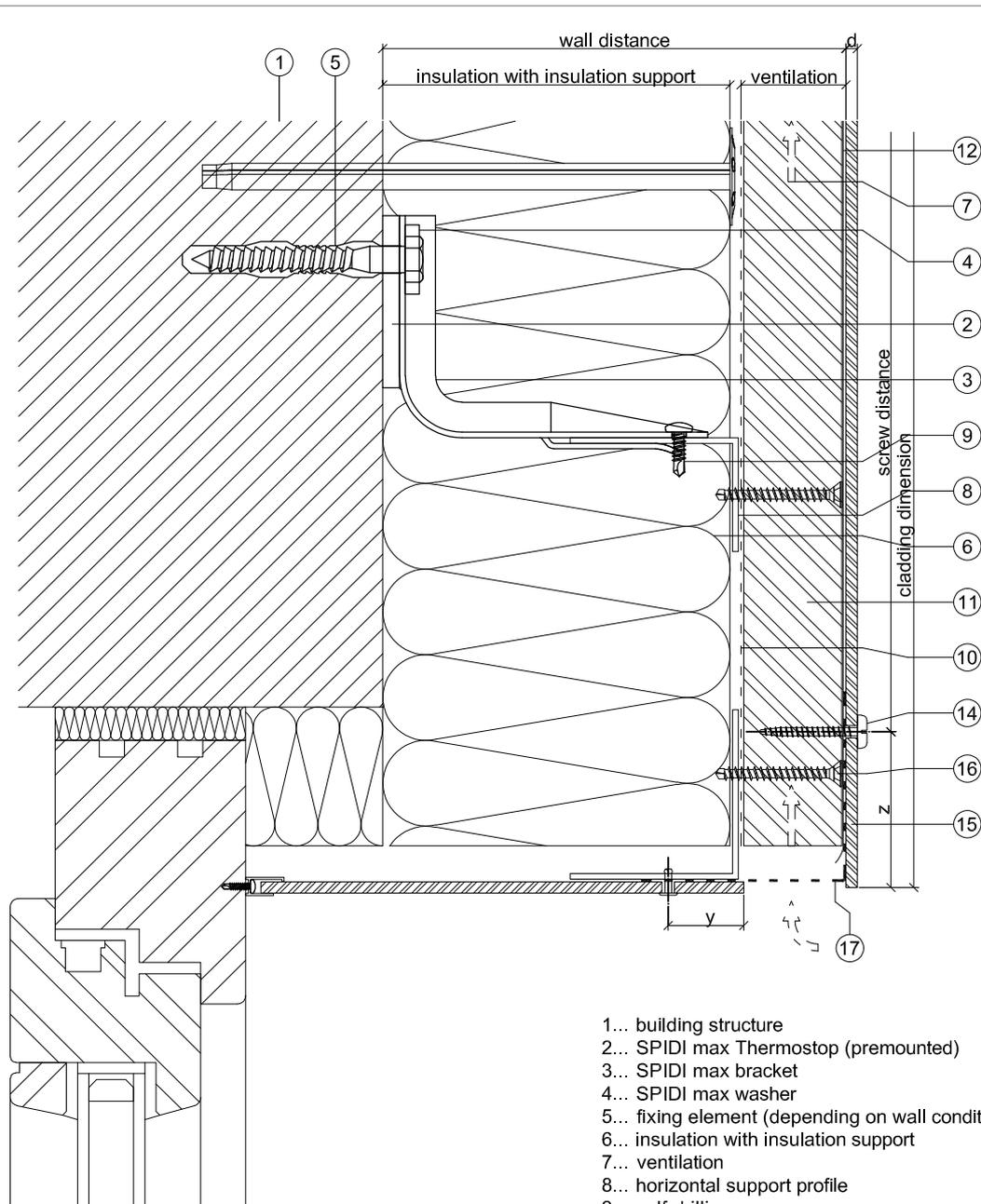


- |   |   |
|---|---|
| 1... building structure                           | 13... joint profile                                 |
| 2... SPIDI max Thermostop (premounted)            | 14... facade screw                                  |
| 3... SPIDI max bracket                            | 15... facade cladding                               |
| 4... SPIDI max washer                             | 16... self-drilling screw                           |
| 5... fixing element (depending on wall condition) | d... cladding thickness                             |
| 6... insulation with insulation support           | x... joint width                                    |
| 7... ventilation                                  | z... screw distance                                 |
| 8... horizontal support profile                   | (in accordance with the cladding material supplier) |
| 9... self-drilling screw                          |   |
| 10... breather membrane                           |   |
| 11... wooden slat                                 |   |
| 12... EPDM sealing tape                           |   |

## SMB-GSH1-2.02 general section vertical

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# facade system



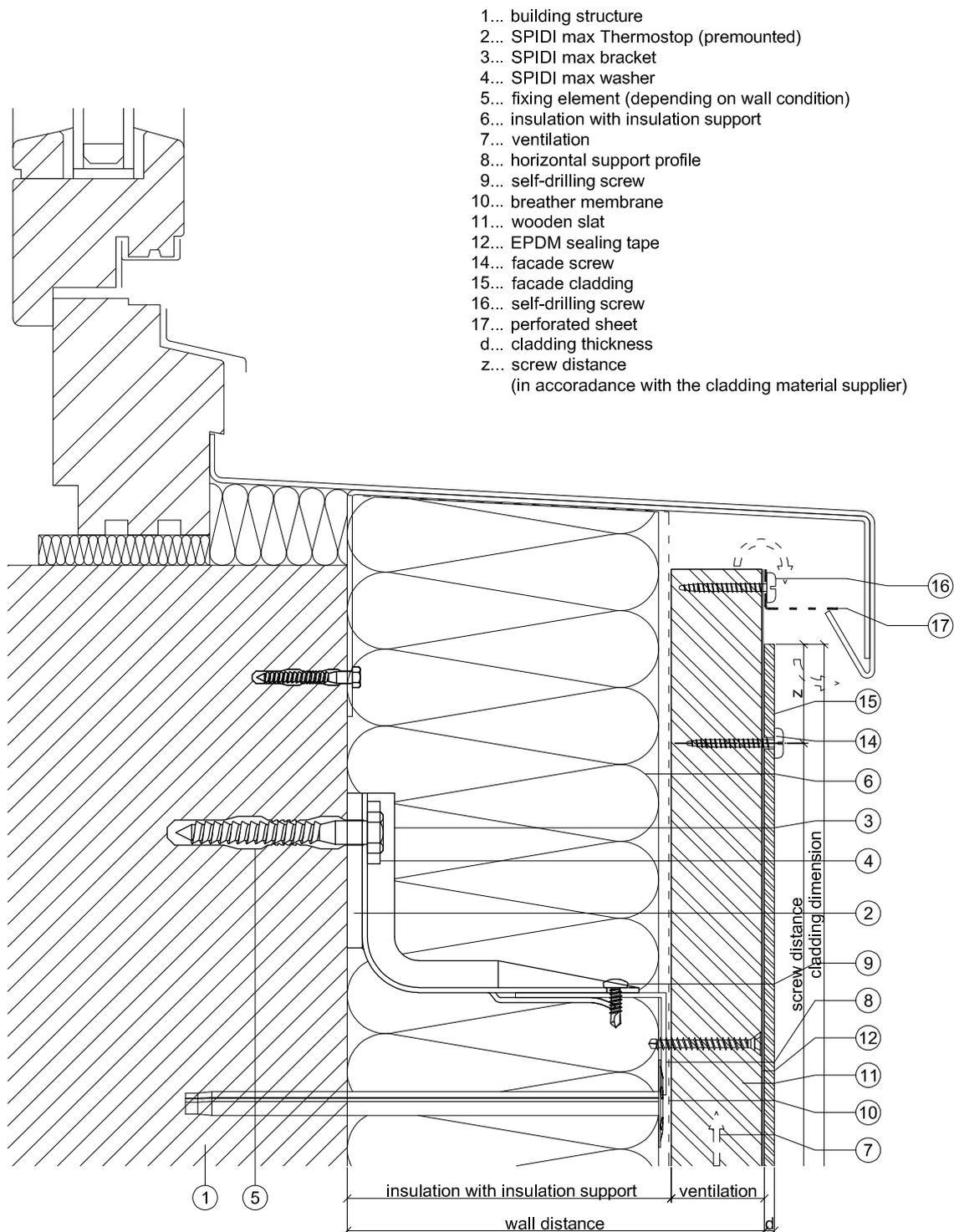
- d... cladding thickness
- y... screw distance  
(in accordance with the cladding material supplier)
- z... screw distance  
(in accordance with the cladding material supplier)

- 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... horizontal support profile
- 9... self-drilling screw
- 10... breather membrane
- 11... wooden slat
- 12... EPDM sealing tape
- 14... facade screw
- 15... facade cladding
- 16... self-drilling screw
- 17... perforated sheet

## SMB-GSH1-2.03 window lintel - section vertical

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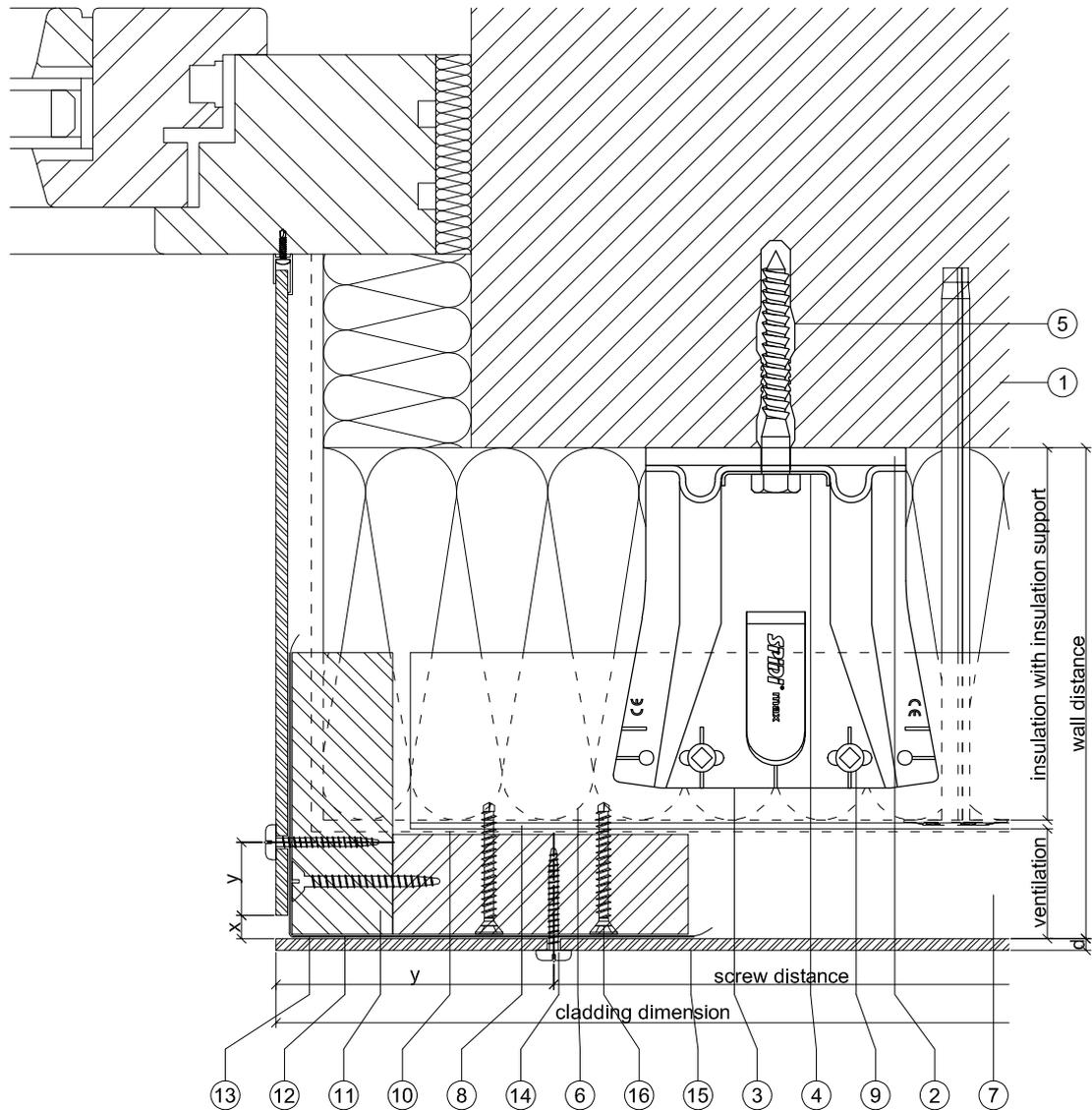
# facade system



- 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... horizontal support profile
- 9... self-drilling screw
- 10... breather membrane
- 11... wooden slat
- 12... EPDM sealing tape
- 14... facade screw
- 15... facade cladding
- 16... self-drilling screw
- 17... perforated sheet
- d... cladding thickness
- z... screw distance  
(in accordance with the cladding material supplier)

## SMB-GSH1-2.04 window sill - section vertical

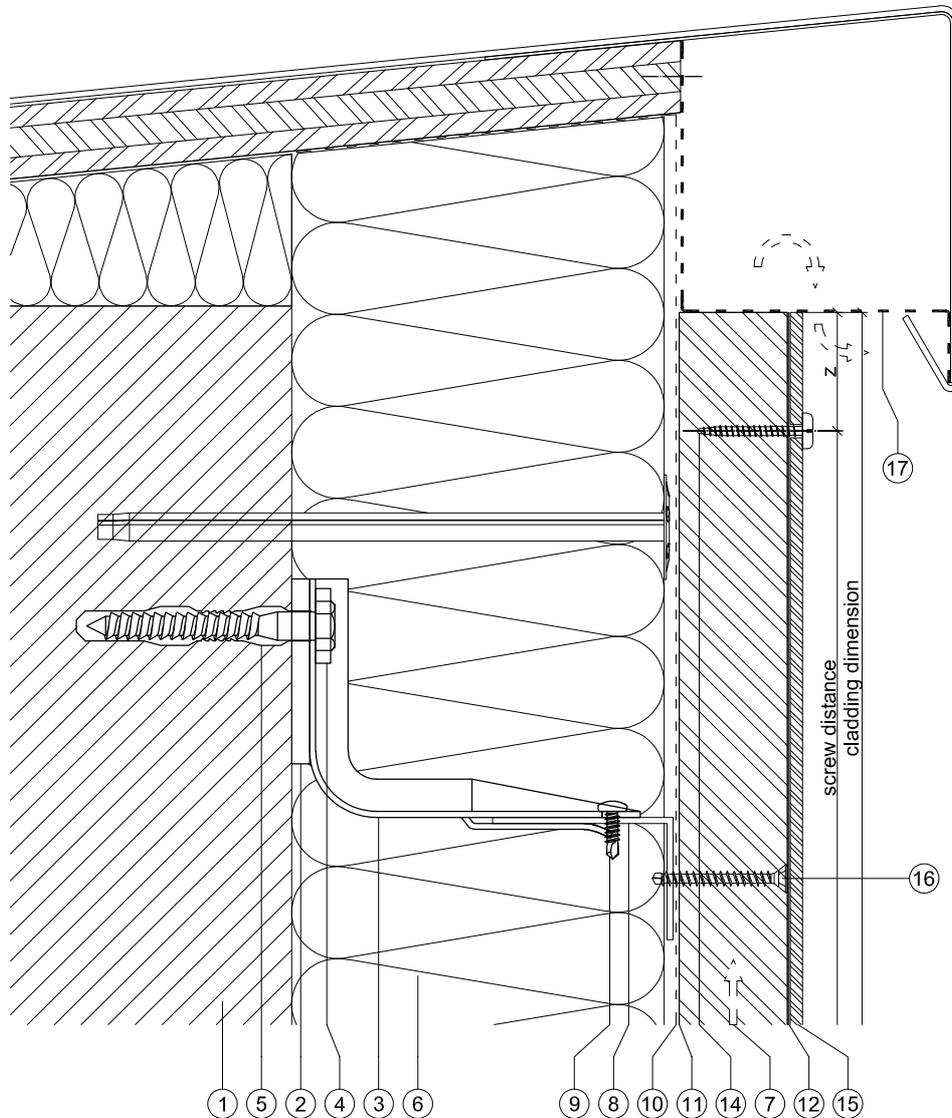
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- |   |   |
|---|---|
| 1... building structure                           | 11... wooden slat                                   |
| 2... SPIDI max Thermostop (premounted)            | 12... EPDM sealing tape                             |
| 3... SPIDI max bracket                            | 13... joint profile                                 |
| 4... SPIDI max washer                             | 14... facade screw                                  |
| 5... fixing element (depending on wall condition) | 15... facade cladding                               |
| 6... insulation with insulation support           | 16... self-drilling screw                           |
| 7... ventilation                                  | d... cladding thickness                             |
| 8... horizontal support profile                   | x... joint width                                    |
| 9... self-drilling screw                          | y... screw distance                                 |
| 10... breather membrane                           | (in accordance with the cladding material supplier) |

## SMB-GSH1-2.05 window reveal - section horizontal

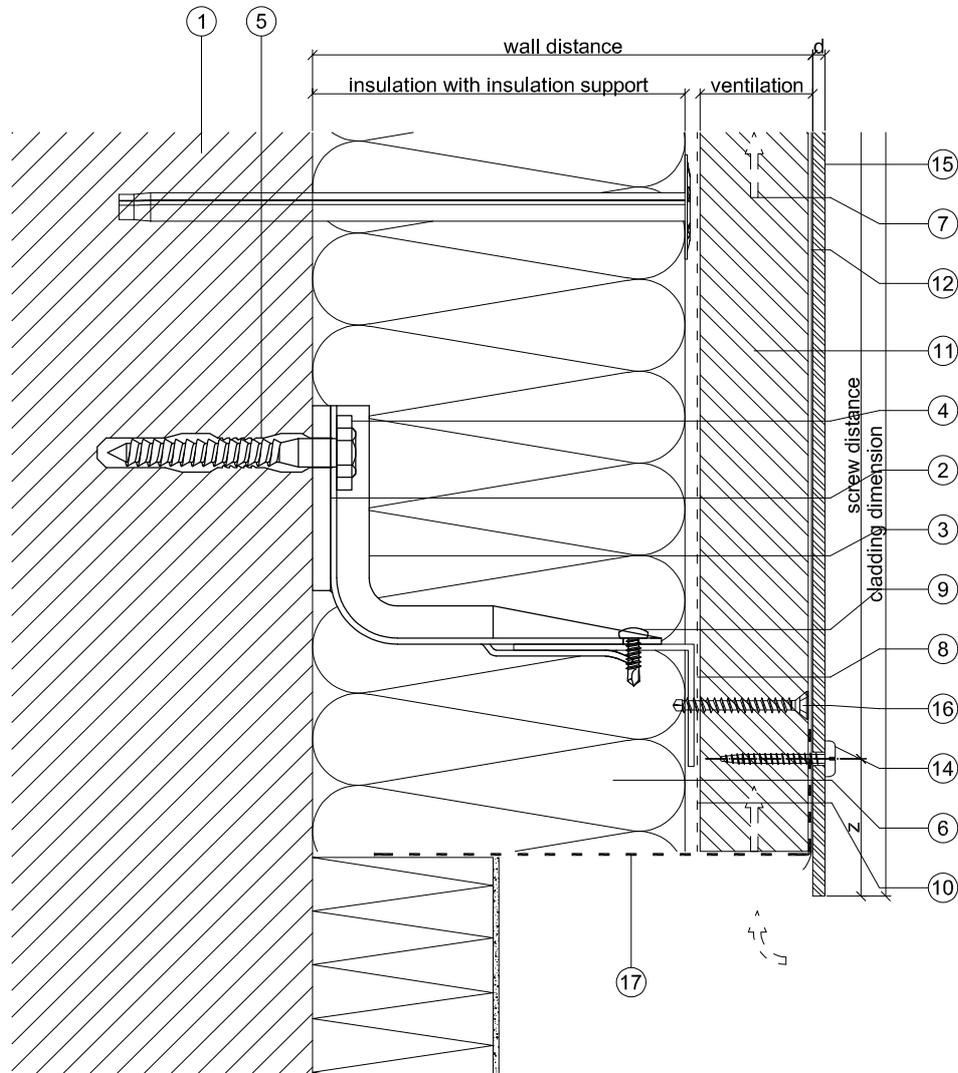
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- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1... building structure</li> <li>2... SPIDI max Thermostop (premounted)</li> <li>3... SPIDI max bracket</li> <li>4... SPIDI max washer</li> <li>5... fixing element (depending on wall condition)</li> <li>6... insulation with insulation support</li> <li>7... ventilation</li> <li>8... horizontal support profile</li> <li>9... self-drilling screw</li> <li>10... breather membrane</li> </ul> | <ul style="list-style-type: none"> <li>11... wooden slat</li> <li>12... EPDM sealing tape</li> <li>14... facade screw</li> <li>15... facade cladding</li> <li>16... self-drilling screw</li> <li>17... perforated sheet</li> <li>d... cladding thickness</li> <li>z... screw distance<br/>(in accordance with the cladding material supplier)</li> </ul> |
|--|--|

## SMB-GSH1-2.06 parapet cladding - section vertical

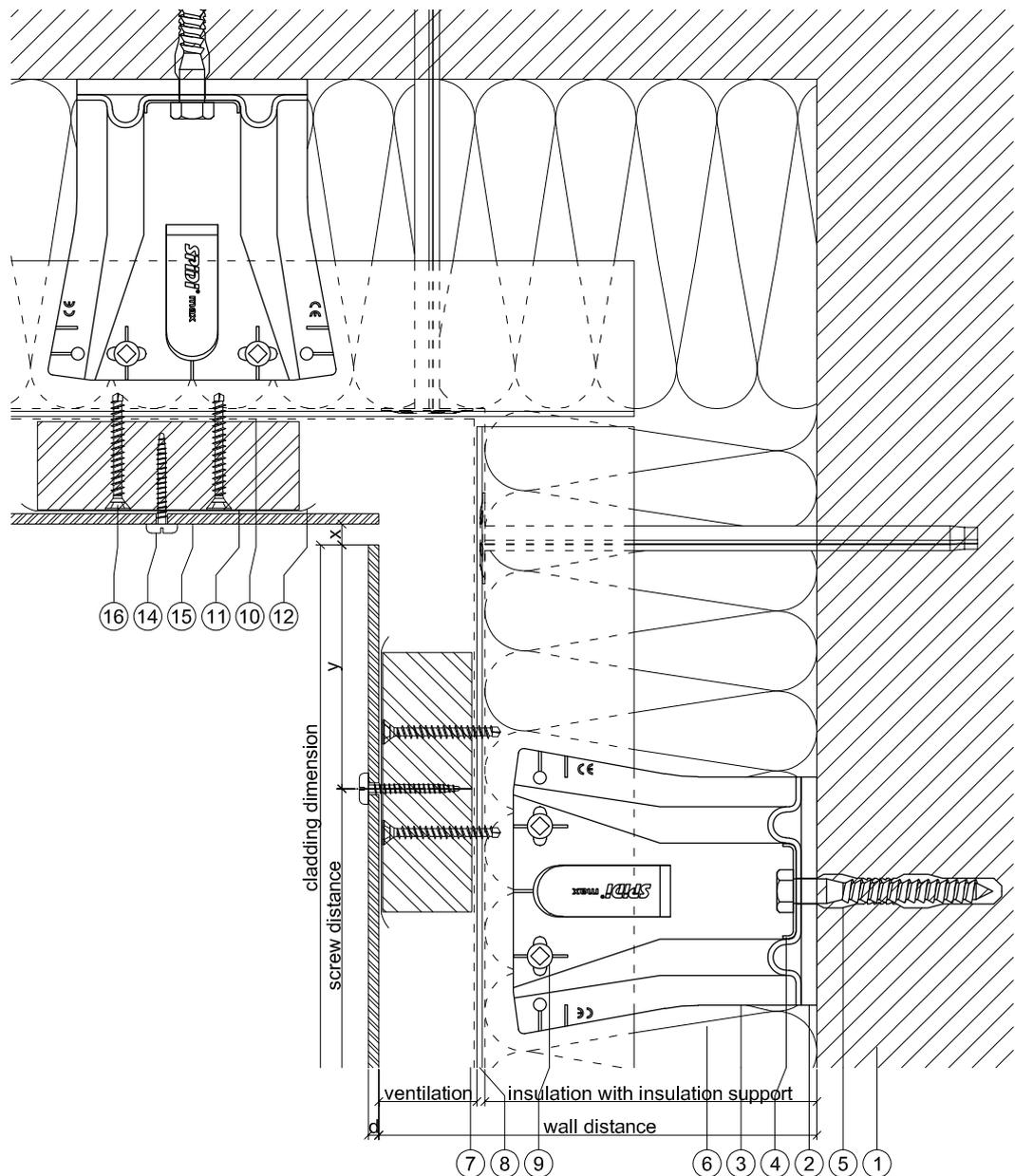
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- |   |   |
|---|---|
| 1... building structure                           | 11... wooden slat                                   |
| 2... SPIDI max Thermostop (premounted)            | 12... EPDM sealing tape                             |
| 3... SPIDI max bracket                            | 14... facade screw                                  |
| 4... SPIDI max washer                             | 15... facade cladding                               |
| 5... fixing element (depending on wall condition) | 16... self-drilling screw                           |
| 6... insulation with insulation support           | 17... perforated sheet                              |
| 7... ventilation                                  | d... cladding thickness                             |
| 8... horizontal support profile                   | z... screw distance                                 |
| 9... self-drilling screw                          | (in accordance with the cladding material supplier) |
| 10... breather membrane                           |   |

## SMB-GSH1-2.07 plinth - section vertical

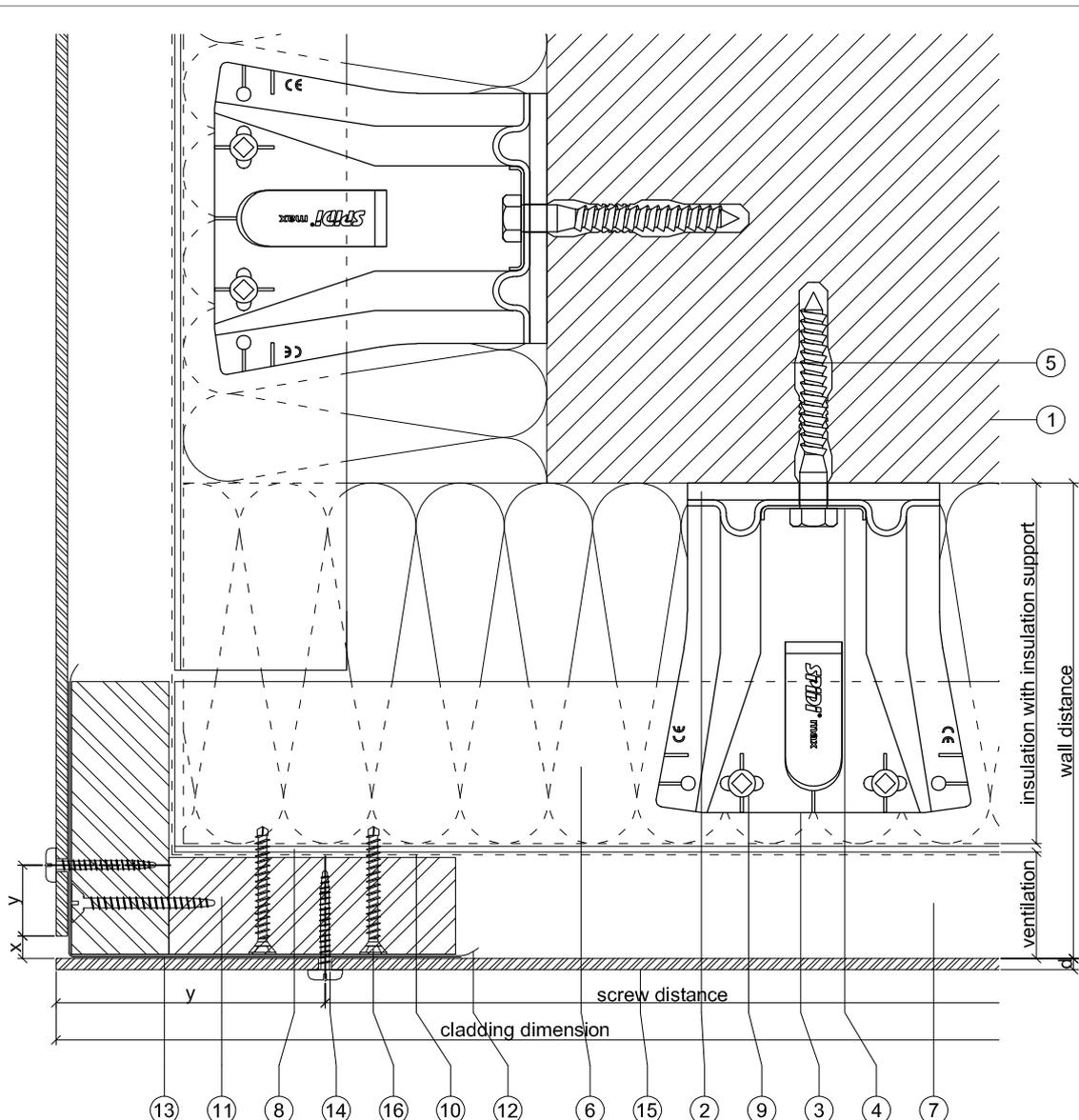
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- |   |   |
|---|---|
| 1... building structure                           | 11... wooden slat                                   |
| 2... SPIDI max Thermostop (premounted)            | 12... EPDM sealing tape                             |
| 3... SPIDI max bracket                            | 14... facade screw                                  |
| 4... SPIDI max washer                             | 15... facade cladding                               |
| 5... fixing element (depending on wall condition) | 16... self-drilling screw                           |
| 6... insulation with insulation support           | d... cladding thickness                             |
| 7... ventilation                                  | x... joint width                                    |
| 8... horizontal support profile                   | y... screw distance                                 |
| 9... self-drilling screw                          | (in accordance with the cladding material supplier) |
| 10... breather membrane                           |   |

## SMB-GSH1-2.08 internal corner - section horizontal

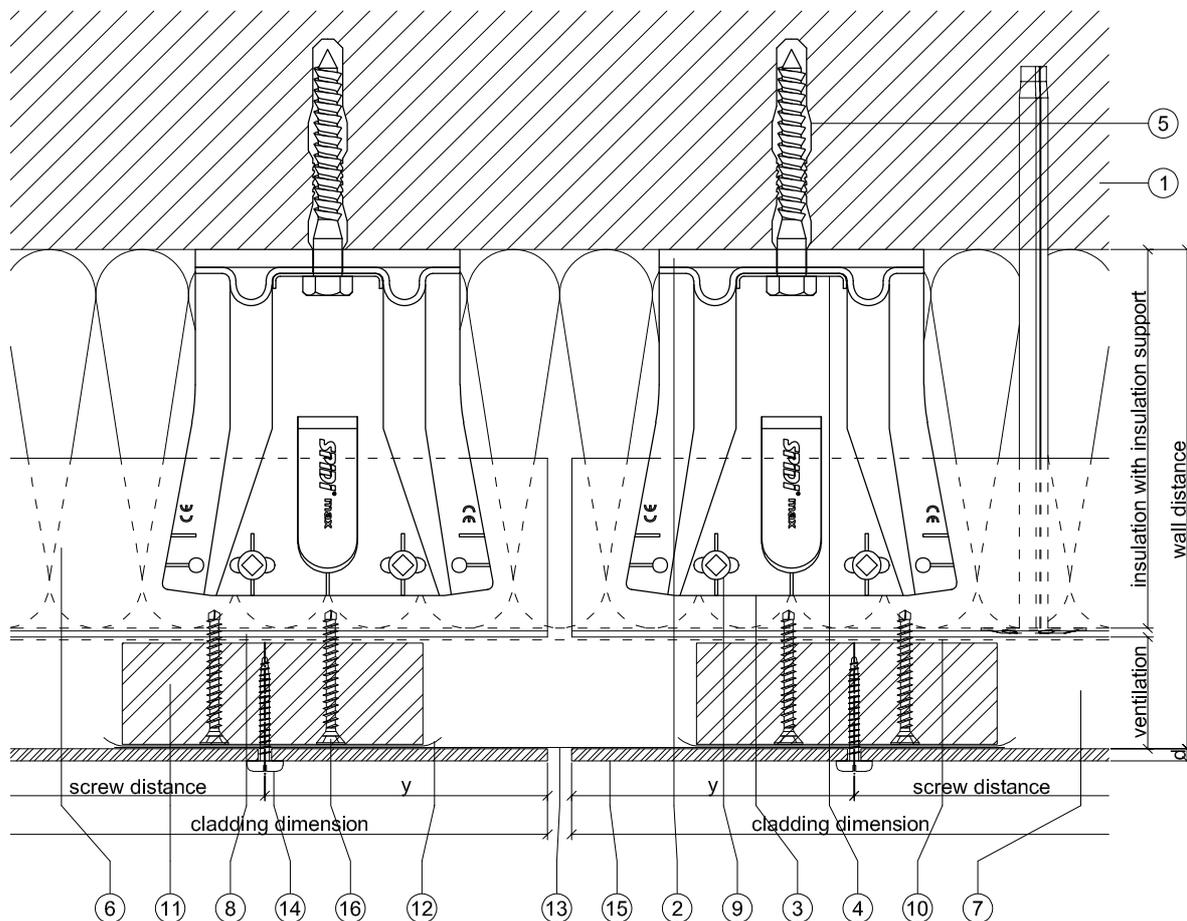
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- |   |  |
|---|--|
| 1... building structure                           | 9... self-drilling screw   |
| 2... SPIDI max Thermostop (premounted)            | 10... breather membrane  |
| 3... SPIDI max bracket                            | 11... wooden slat  |
| 4... SPIDI max washer                             | 12... EPDM sealing tape  |
| 5... fixing element (depending on wall condition) | 13... joint profile  |
| 6... insulation with insulation support           | 14... facade screw   |
| 7... ventilation                                  | 15... facade cladding  |
| 8... horizontal support profile                   | 16... self-drilling screw  |
|   | d... cladding thickness  |
|   | x... joint width   |
|   | y... screw distance<br>(in accordance with the cladding material supplier) |

## SMB-GSH1-2.09 external corner - section horizontal

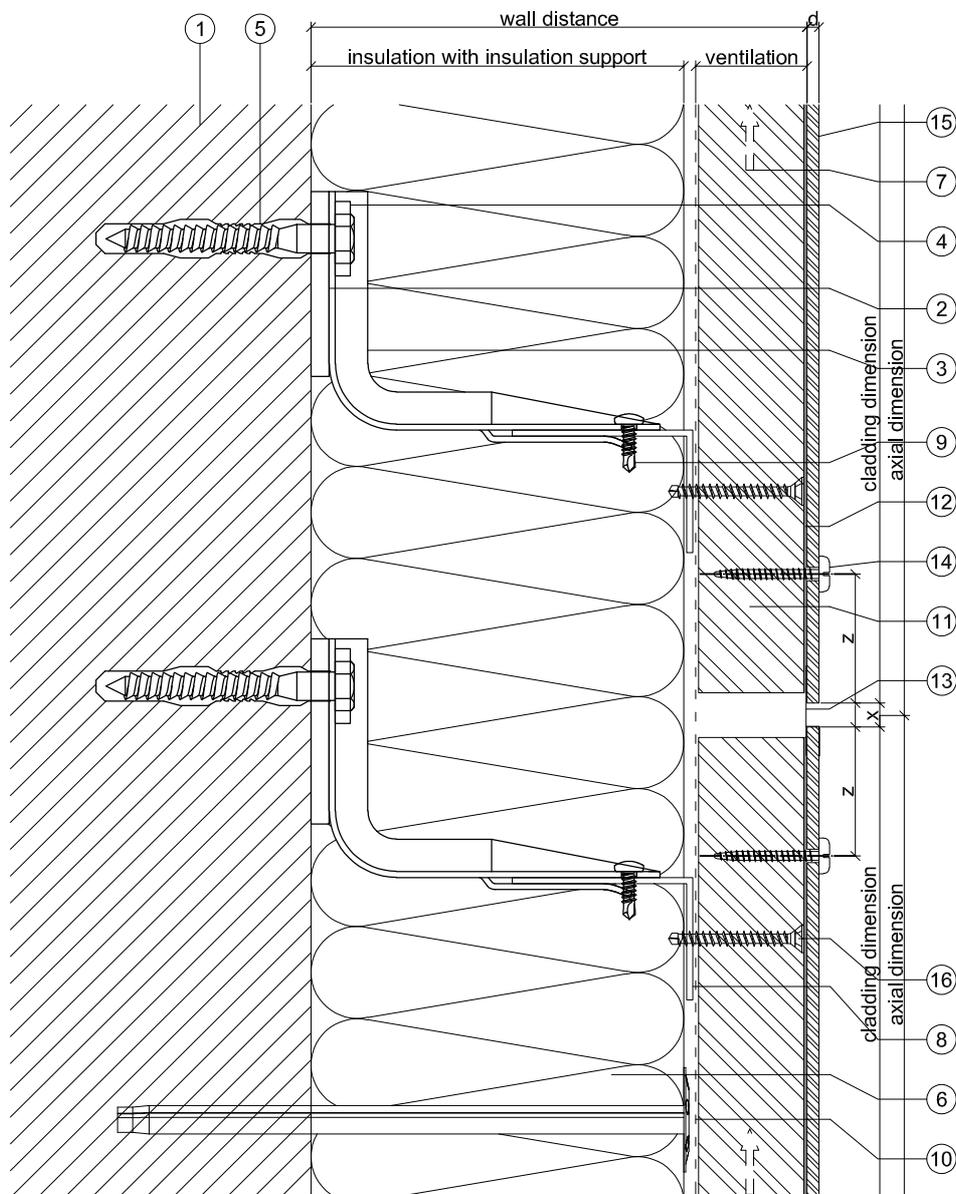
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- |   |   |
|---|---|
| 1... building structure                           | 9... self-drilling screw                            |
| 2... SPIDI max Thermostop (premounted)            | 10... breather membrane                             |
| 3... SPIDI max bracket                            | 11... wooden slat                                   |
| 4... SPIDI max washer                             | 12... EPDM sealing tape                             |
| 5... fixing element (depending on wall condition) | 13... joint profile                                 |
| 6... insulation with insulation support           | 14... facade screw                                  |
| 7... ventilation                                  | 15... facade cladding                               |
| 8... horizontal support profile                   | 16... self-drilling screw                           |
|   | d... cladding thickness                             |
|   | x... joint width                                    |
|   | y... screw distance                                 |
|   | (in accordance with the cladding material supplier) |

## SMB-GSH1-2.10 profile joint - section vertical

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- |   |   |
|---|---|
| 1... building structure                           | 11... wooden slat                                   |
| 2... SPIDI max Thermostop (premounted)            | 12... EPDM sealing tape                             |
| 3... SPIDI max bracket                            | 13... joint profile                                 |
| 4... SPIDI max washer                             | 14... facade screw                                  |
| 5... fixing element (depending on wall condition) | 15... facade cladding                               |
| 6... insulation with insulation support           | 16... self-drilling screw                           |
| 7... ventilation                                  | d... cladding thickness                             |
| 8... horizontal support profile                   | x... joint width                                    |
| 9... self-drilling screw                          | z... screw distance                                 |
| 10... breather membrane                           | (in accordance with the cladding material supplier) |

## SMB-GSH1-2.11 joint of timber slats - section vertical

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