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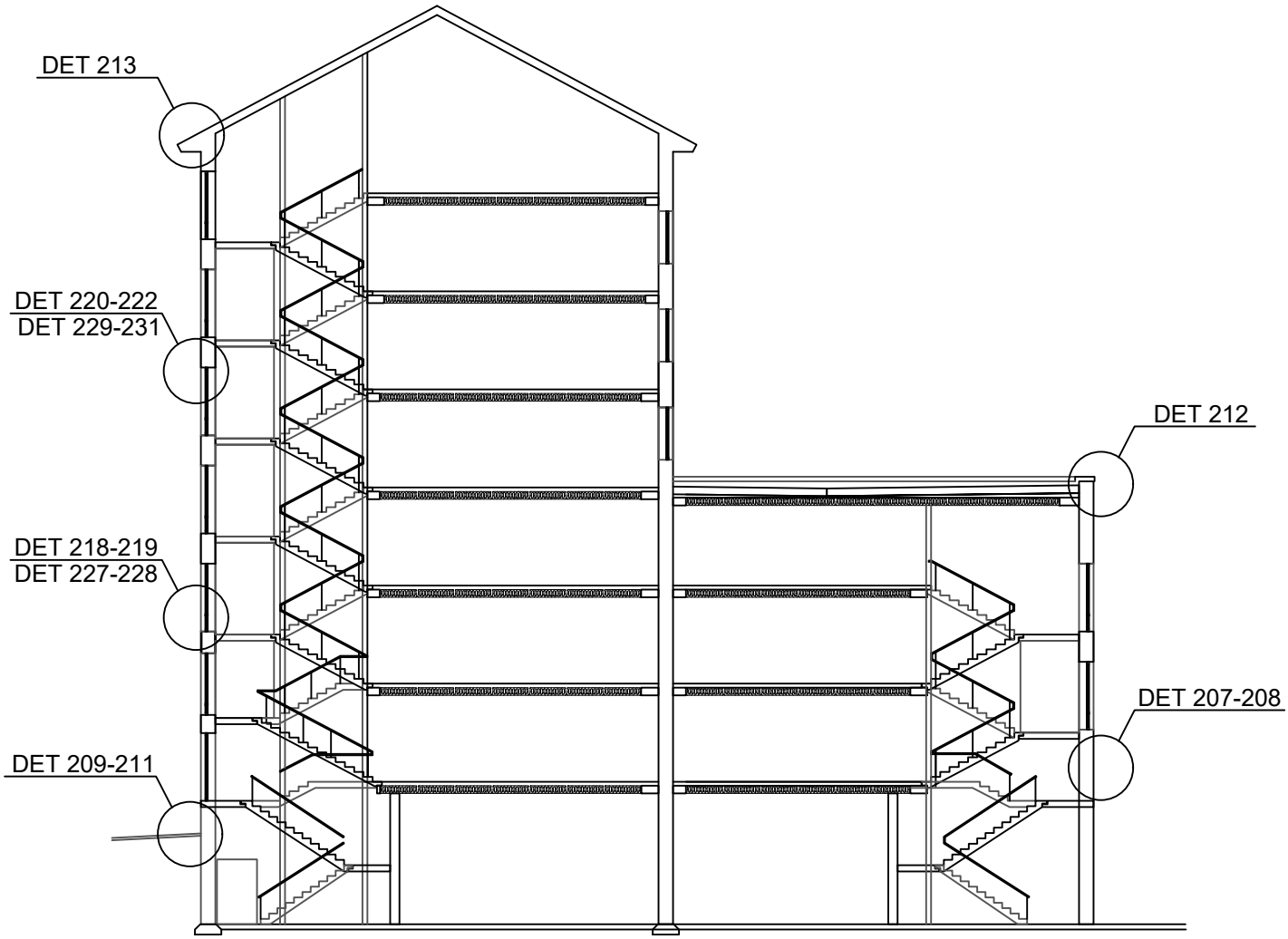
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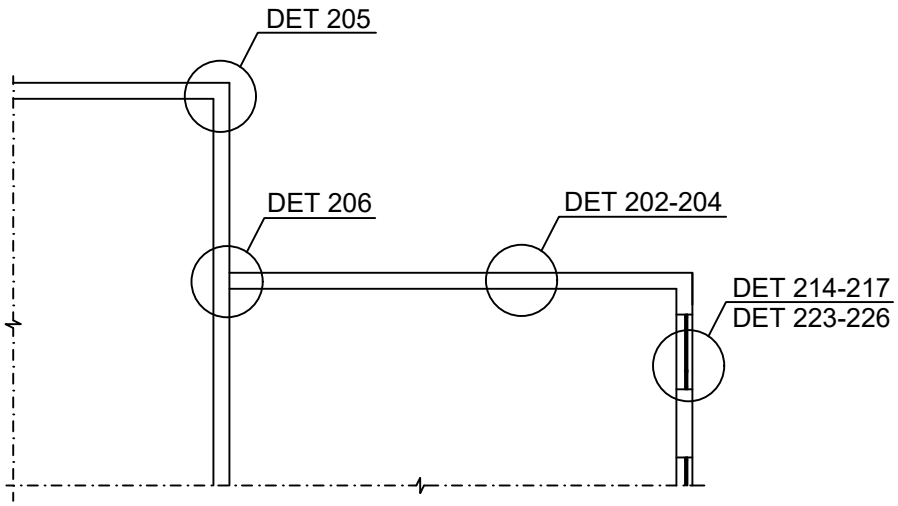
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DET 200

Content

Swisspearl facade board
Ventilated facade system
View of Cladding





The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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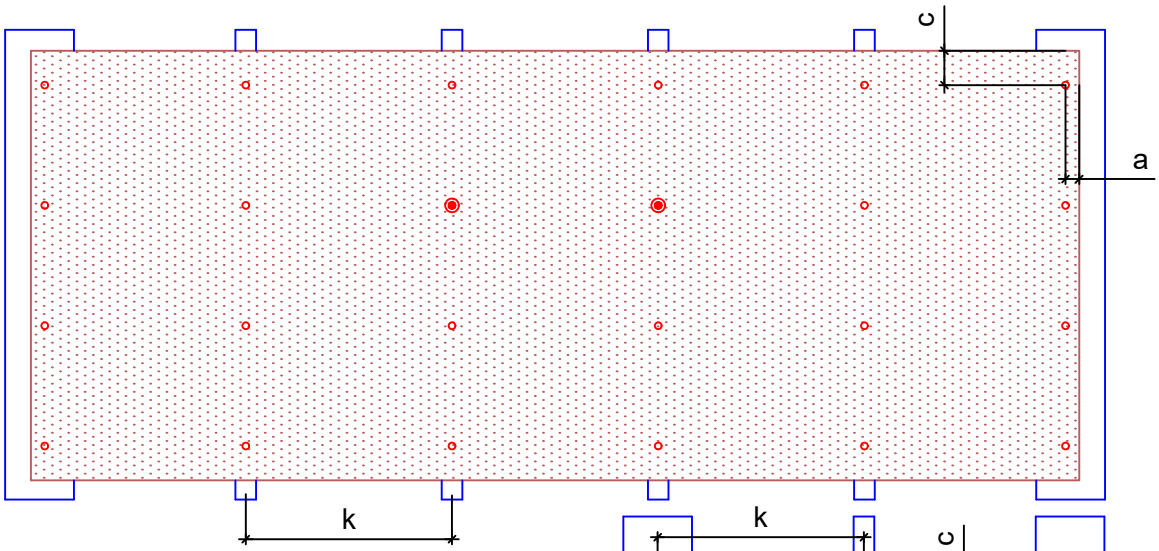
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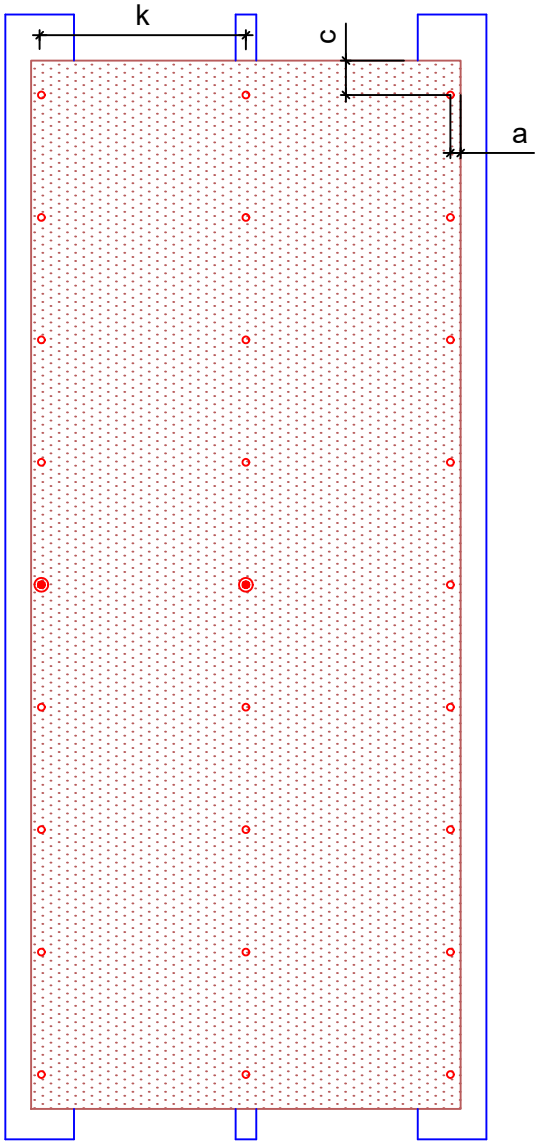
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DET 201

Content
Swisspearl facade board
Ventilated facade system
Steel sub-construction





◉ Fixed point

○ Sliding point

a Edge distance 30mm, vertical board orientation
c Corner distance min 80mm
Patina NXT 100mm
k Max support distance 600mm

* Facade boards may be installed in a horizontal position on a vertical sub-structure.
* On metal framing, the edge distance must be a ≥ 30 mm and corner distance c ≥ 80 mm (Patina NXT 100 mm).
* Every 12m of the facade, a double framing must be installed in order to create a dilatation joint.

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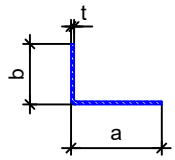
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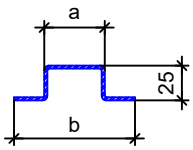
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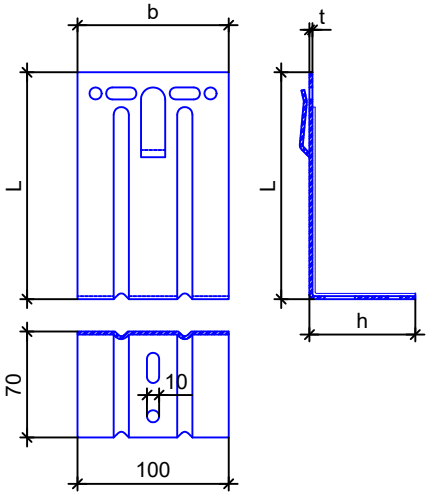
Content
Swisspearl facade board
Ventilated facade system
Accessories

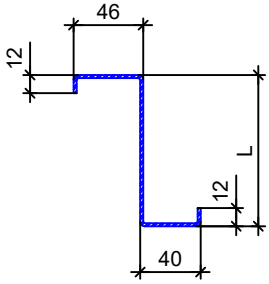


L-profile			
Code	a	b	t
25/25	25	25	2,0
30/30	30	30	3,0
40/40	40	40	1,8
60/40	60	40	1,8
60/40	60	40	2,2
60/60	60	60	2,5
40/80	40	80	1,8

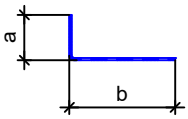


Ω-profile		
Code	a	b
30/70	30	70
40/80	40	80
100/140	100	140



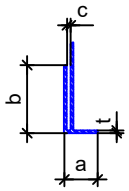


Z-profile							
L (mm)	50	75	100	125	150	175	200

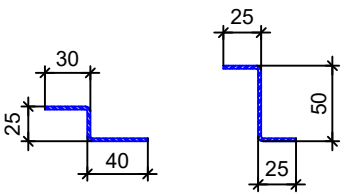


Ventilation profile		
Code	a	b
30/50	30	50
30/70	30	70
30/90	30	90

Bracket				
Code	L	b	h	t
150/10	150	100	70	1,5
180/10	180	100	70	1,5
200/10	200	100	70	1,5
220/10	220	100	70	2,0
250/10	250	100	70	2,0
280/10	280	100	70	2,0
295/10	300	100	70	2,0

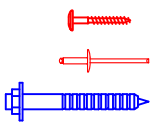


Window connection profile				
Code	a	b	c	t
22/45	22	45	2,4	1,8
26/45	26,1	45	6,5	1,8
28/45	28,1	45	8,5	1,8
34/45	34,1	45	14,5	1,8





Socle profile (must be chosen according to the thickness of the insulation)



Screw 4,8x30
Rivet 4,0x20/K15
Dowel 10x100

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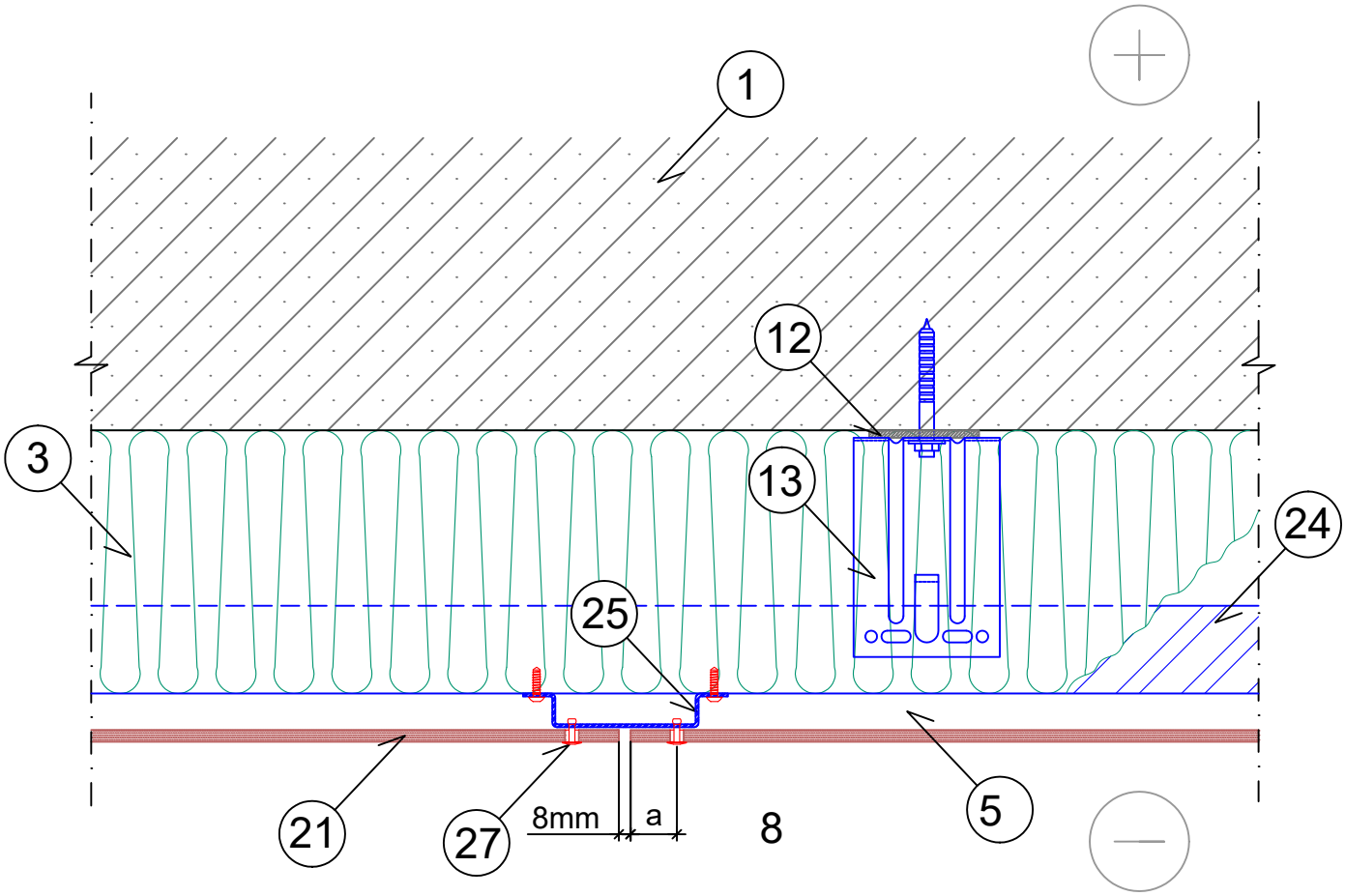
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Drawn by

DET 203

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Horizontal cross section. Vertical joint



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
21. Swisspearl facade board
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
a Edge distance min 30mm

Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

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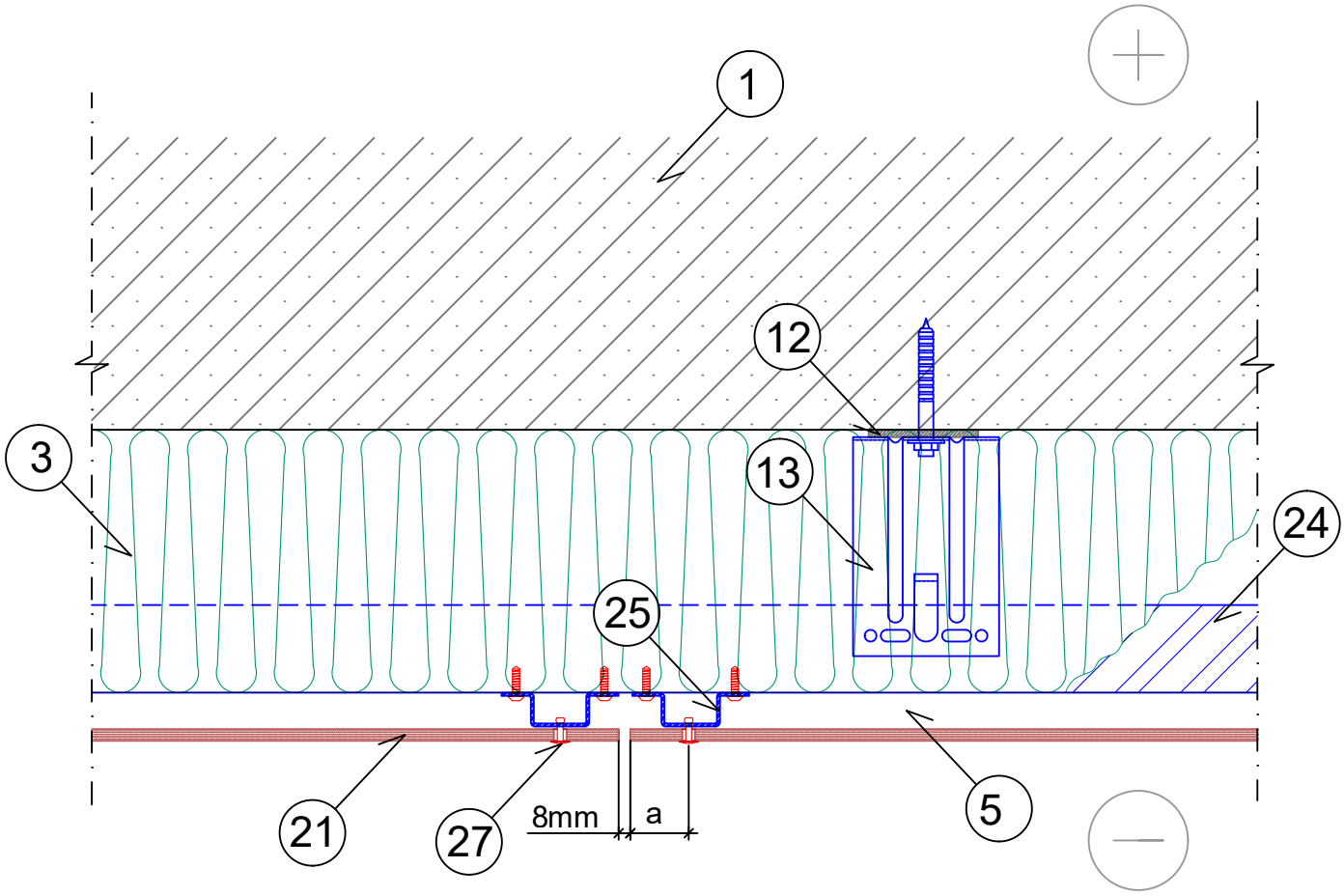
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Drawn by

DET 204

Content
Swisspearl facade board
Ventilated facade system
Steel frame. Horizontal cross section. Vertical joint



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
21. Swisspearl facade board
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
a Edge distance min 30mm

Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

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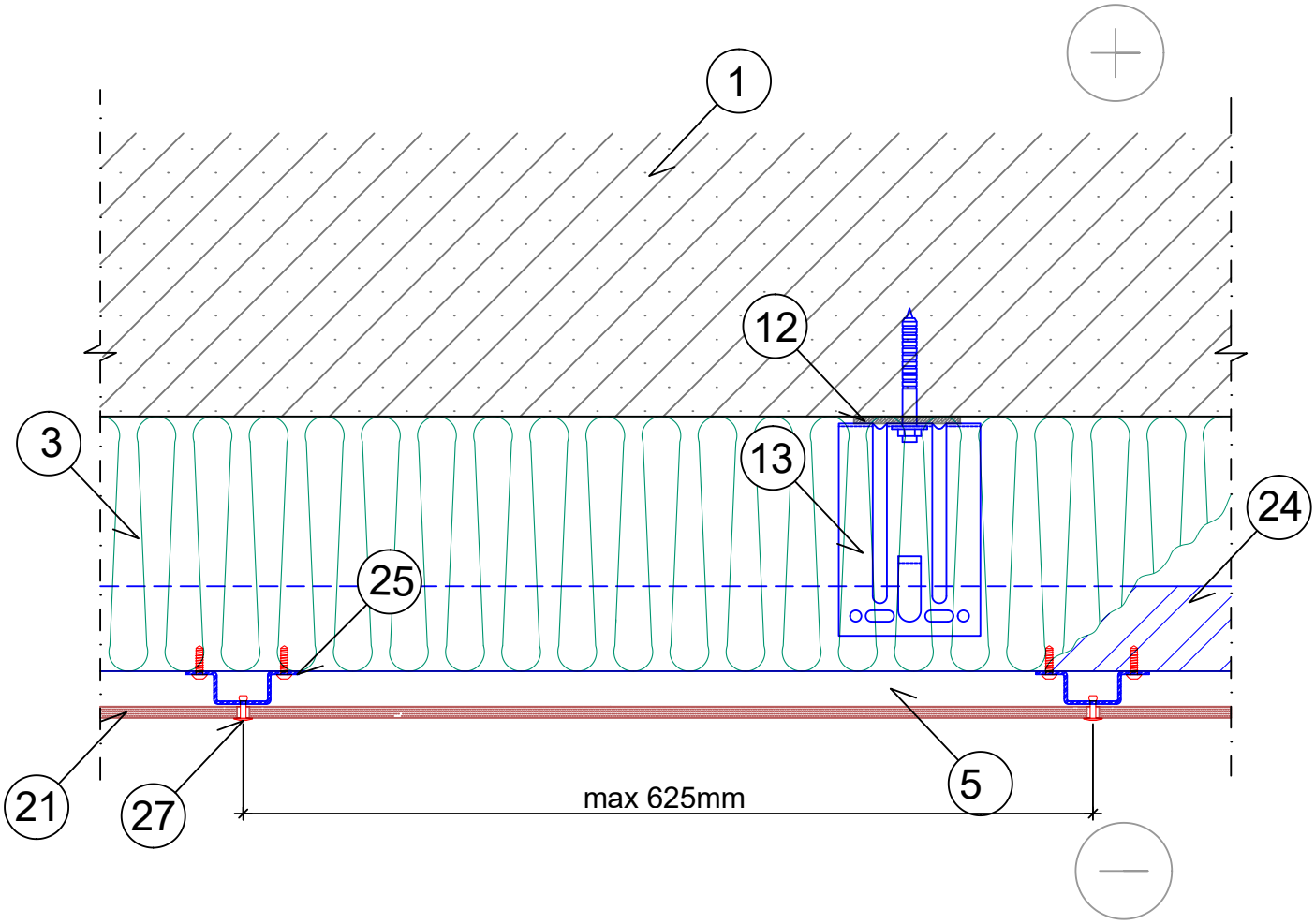
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Drawn by

DET 205

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Horizontal cross section. Intermediate support



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
21. Swisspearl facade board
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K15 for steel sub-construction

Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

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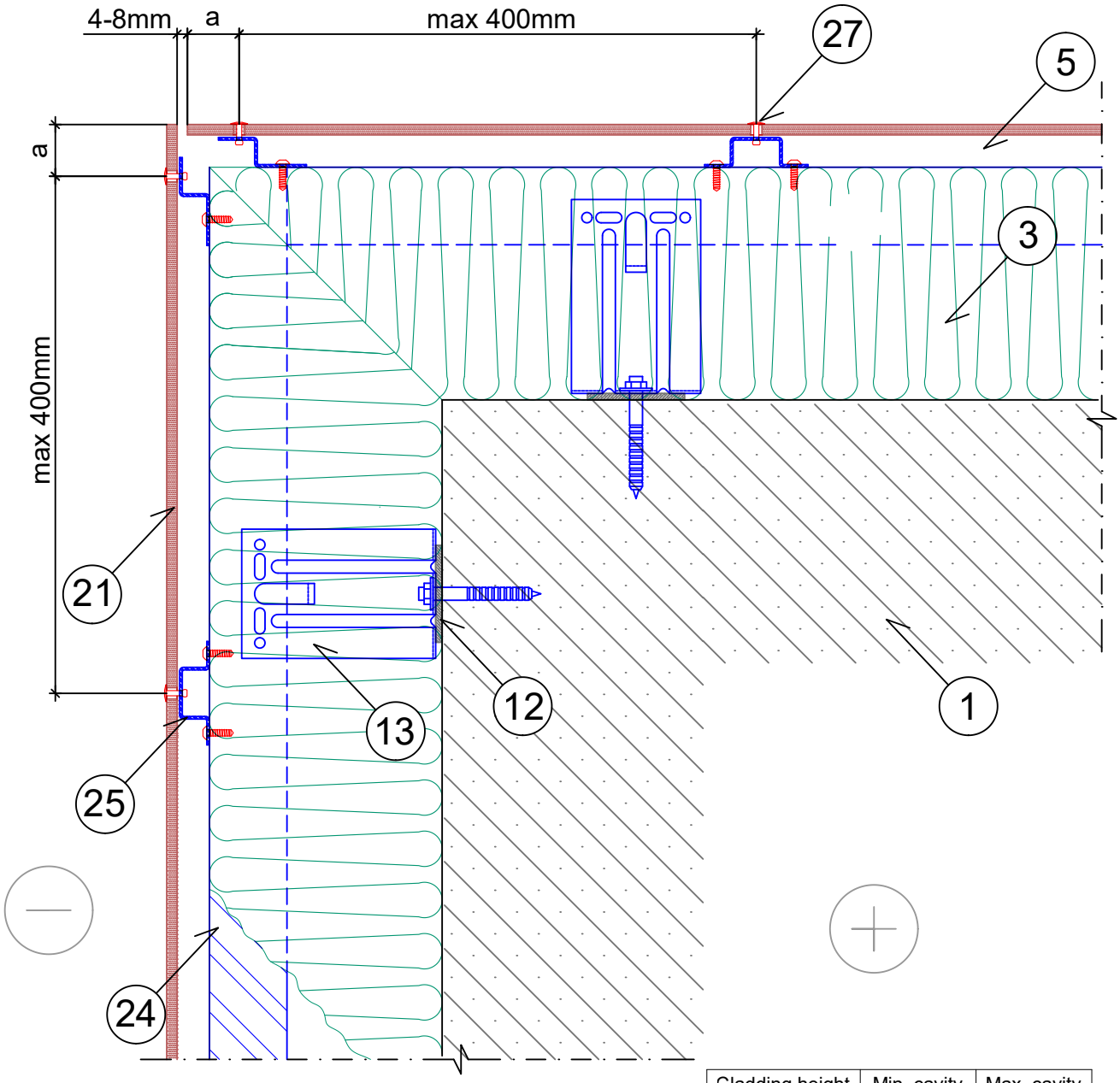
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DET 206

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Horizontal cross section. Evternal corner



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket

21. Swisspearl facade board
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
a Edge distance min 30mm

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DET 207

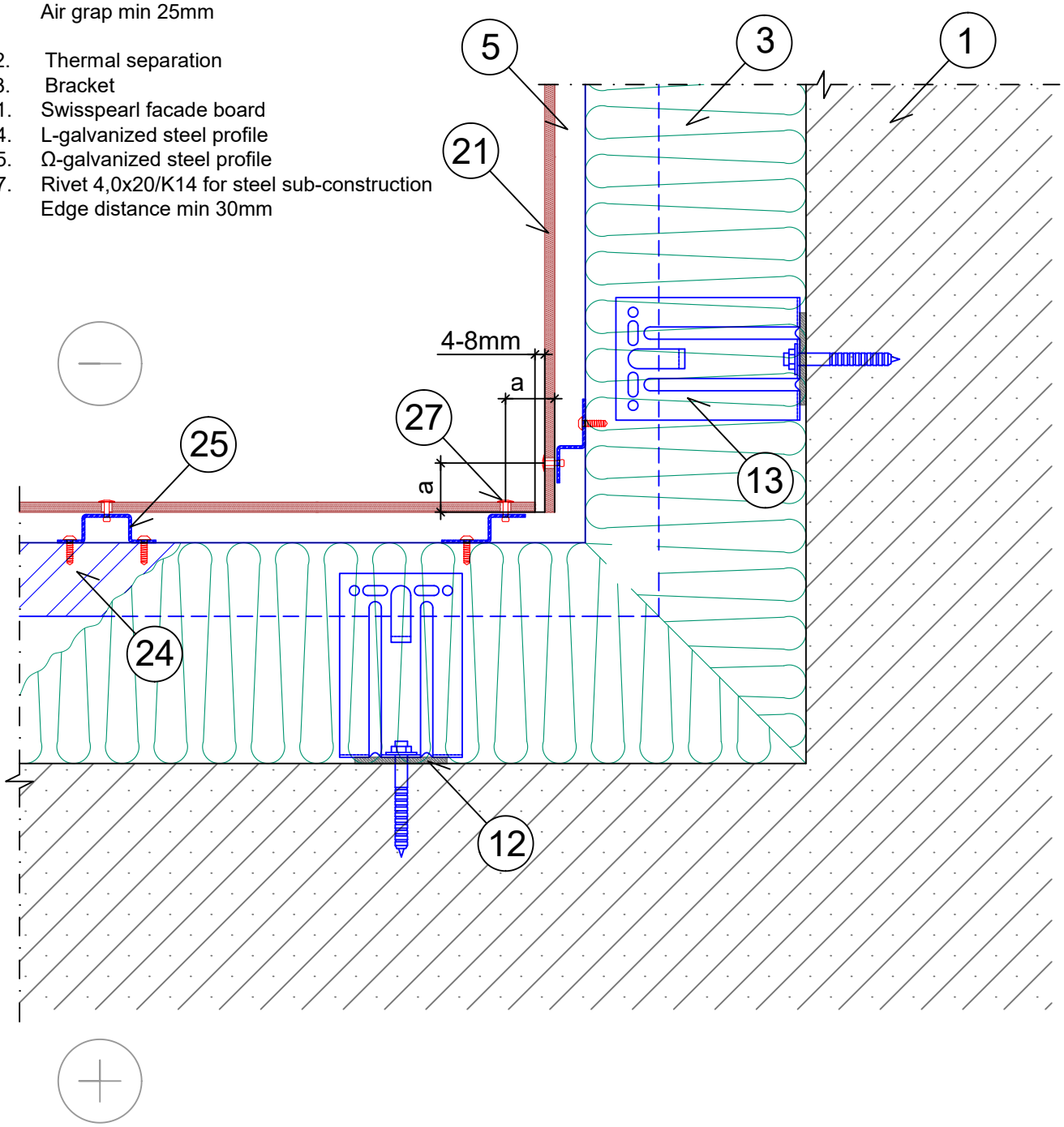
Content

Swisspearl facade board
Ventilated facade system
Steel frame. Horizontal cross section. Internal corner

Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
21. Swisspearl facade board
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
a Edge distance min 30mm



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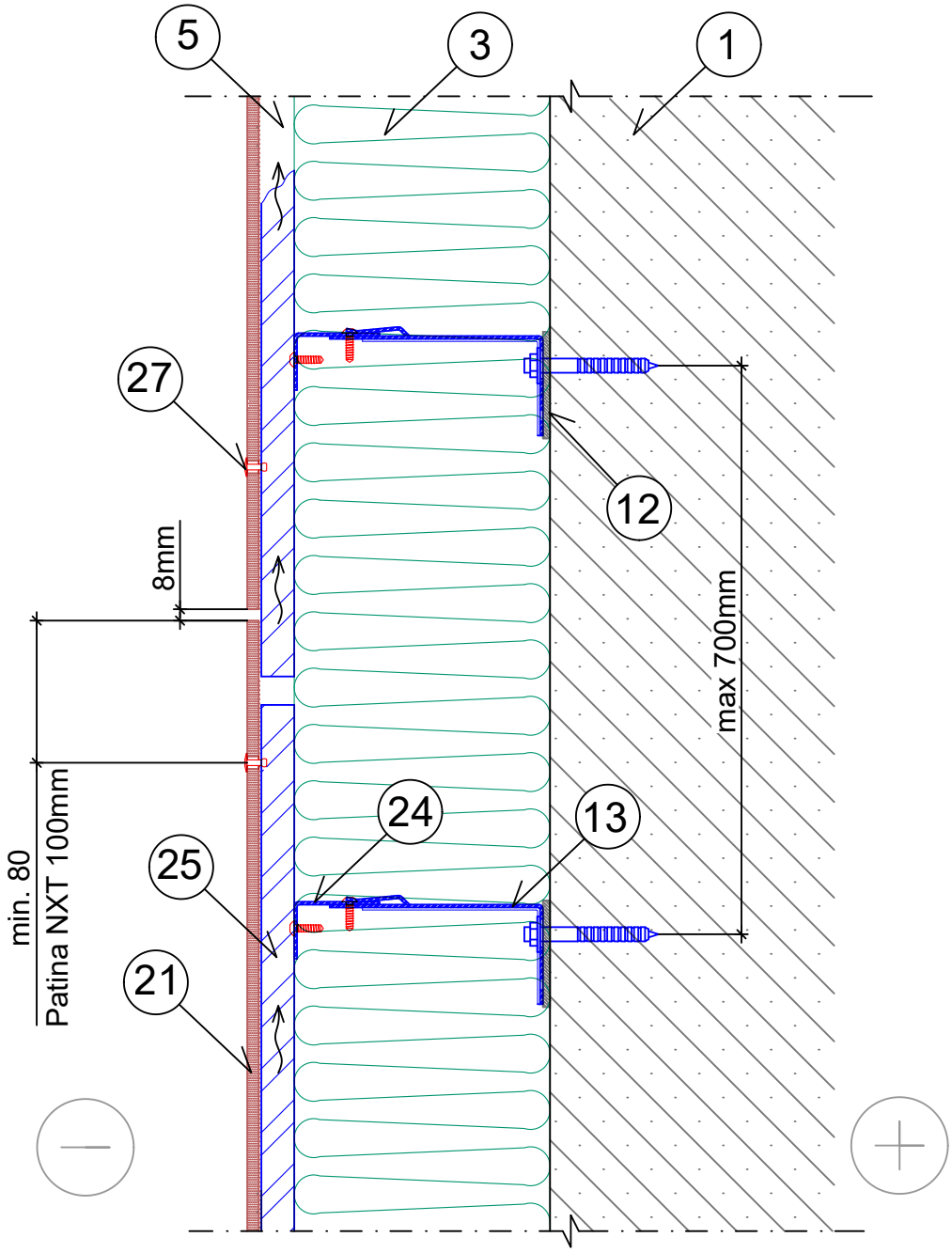
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Drawn by

DET 208

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Vertical cross section. Horizontal joint



Note! Boards must never be fixed to two separate profiles!

Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation

13. Bracket
21. Swisspearl facade board
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K15 for steel sub-construction

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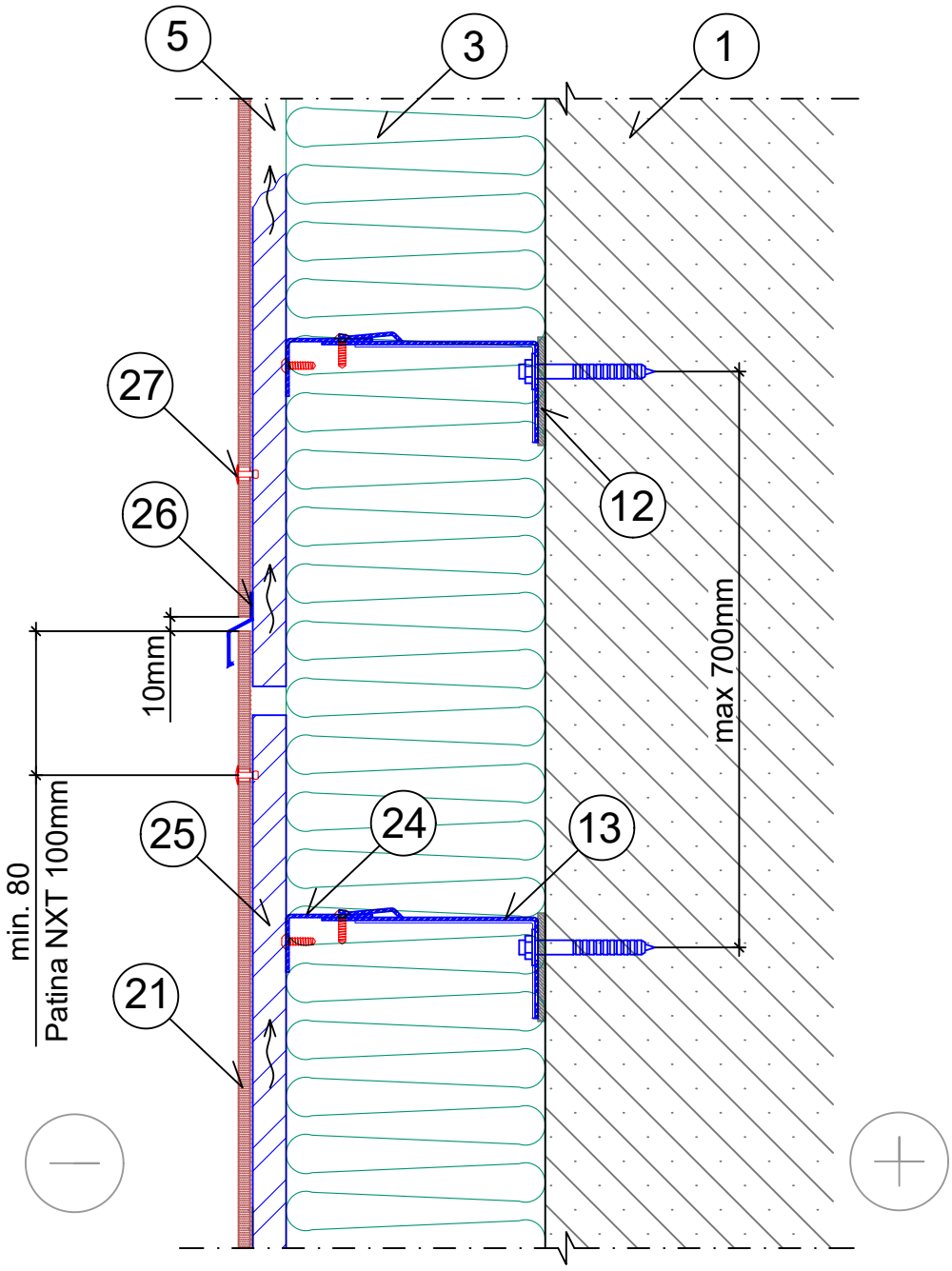
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Drawn by

DET 209

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Vertical cross section. Horizontal joint



Note! Boards must never be fixed to two separate profiles!

Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket

21. Swisspearl facade board
24. L-galvanized steel profile
25. Ω-galvanized steel profile
26. Window reveal finishing
27. Rivet 4,0x20/K15 for steel sub-construction

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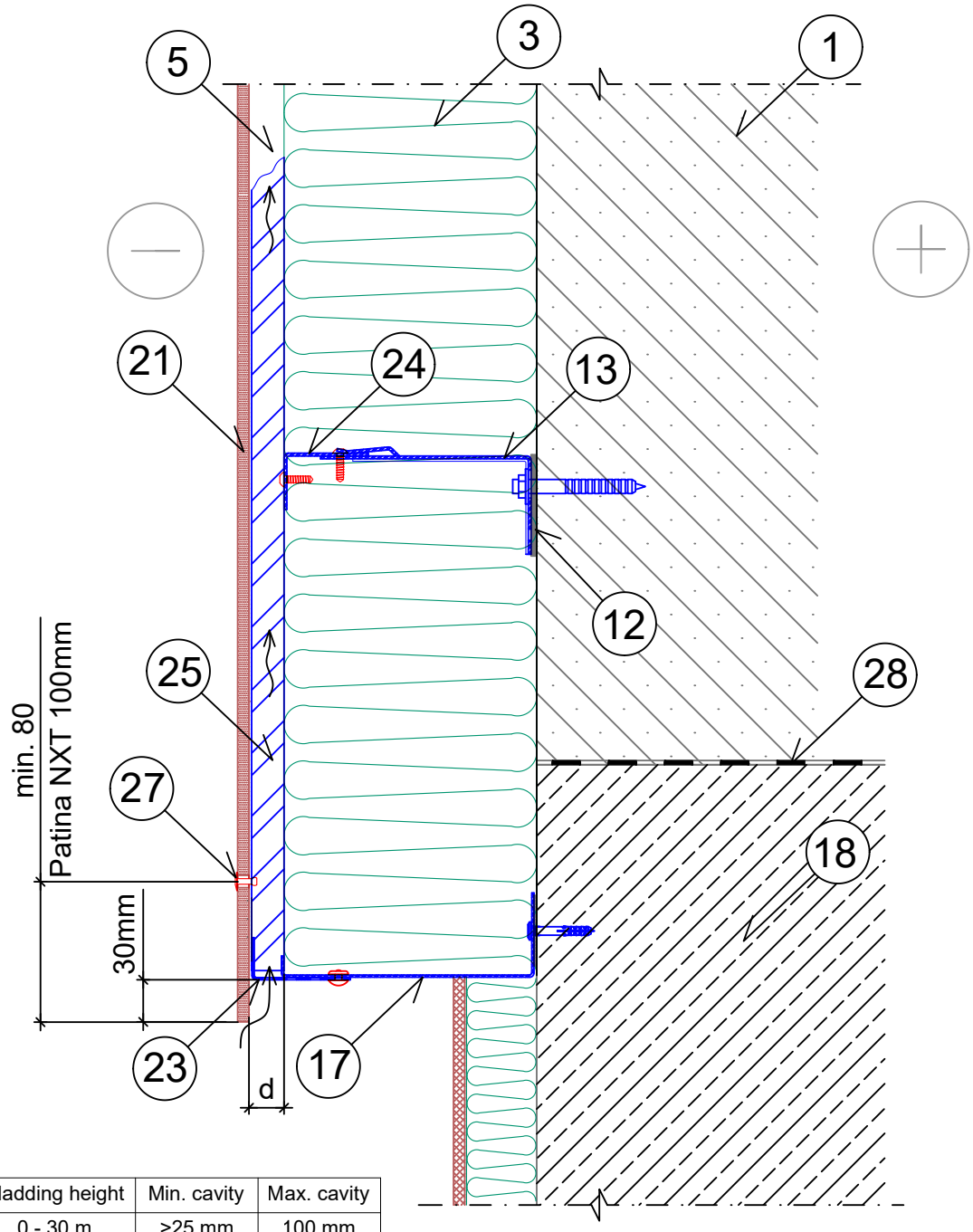
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Drawn by

DET 210

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Vertical cross section. Foundation



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
17. Socle profile (must be chosen according to the thickness of the insulation)
18. Foundation
21. Swisspearl facade board
23. Ventilation profile (insect grating)
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
28. Waterproofing

d Ventilation inlet min 200cm²/m

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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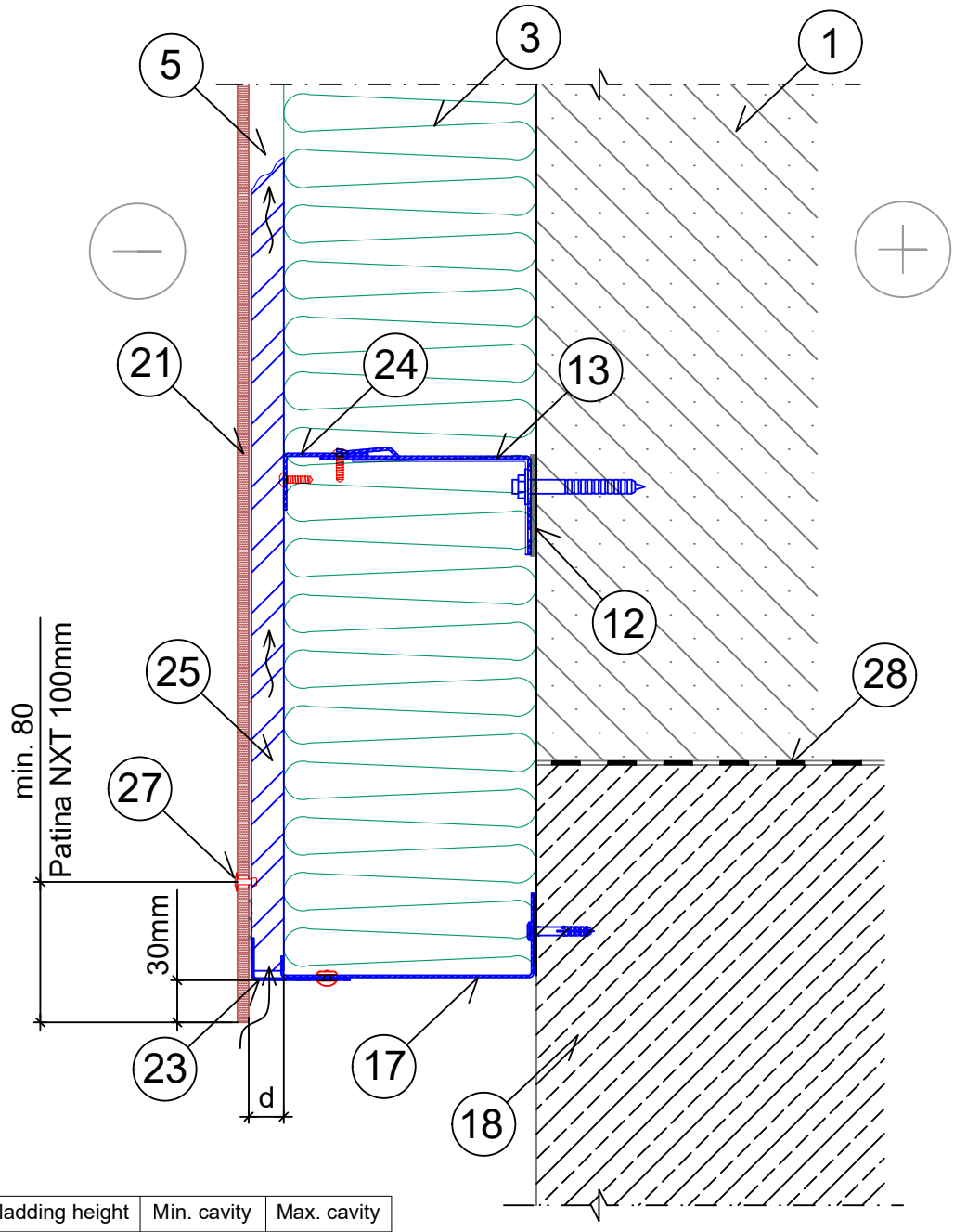
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Drawn by

DET 211

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Vertical cross section. Foundation



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
17. Socle profile (must be chosen according to the thickness of the insulation)
18. Foundation
21. Swisspearl facade board
23. Ventilation profile (insect grating)
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
28. Waterproofing
d Ventilation inlet min 200cm²/m

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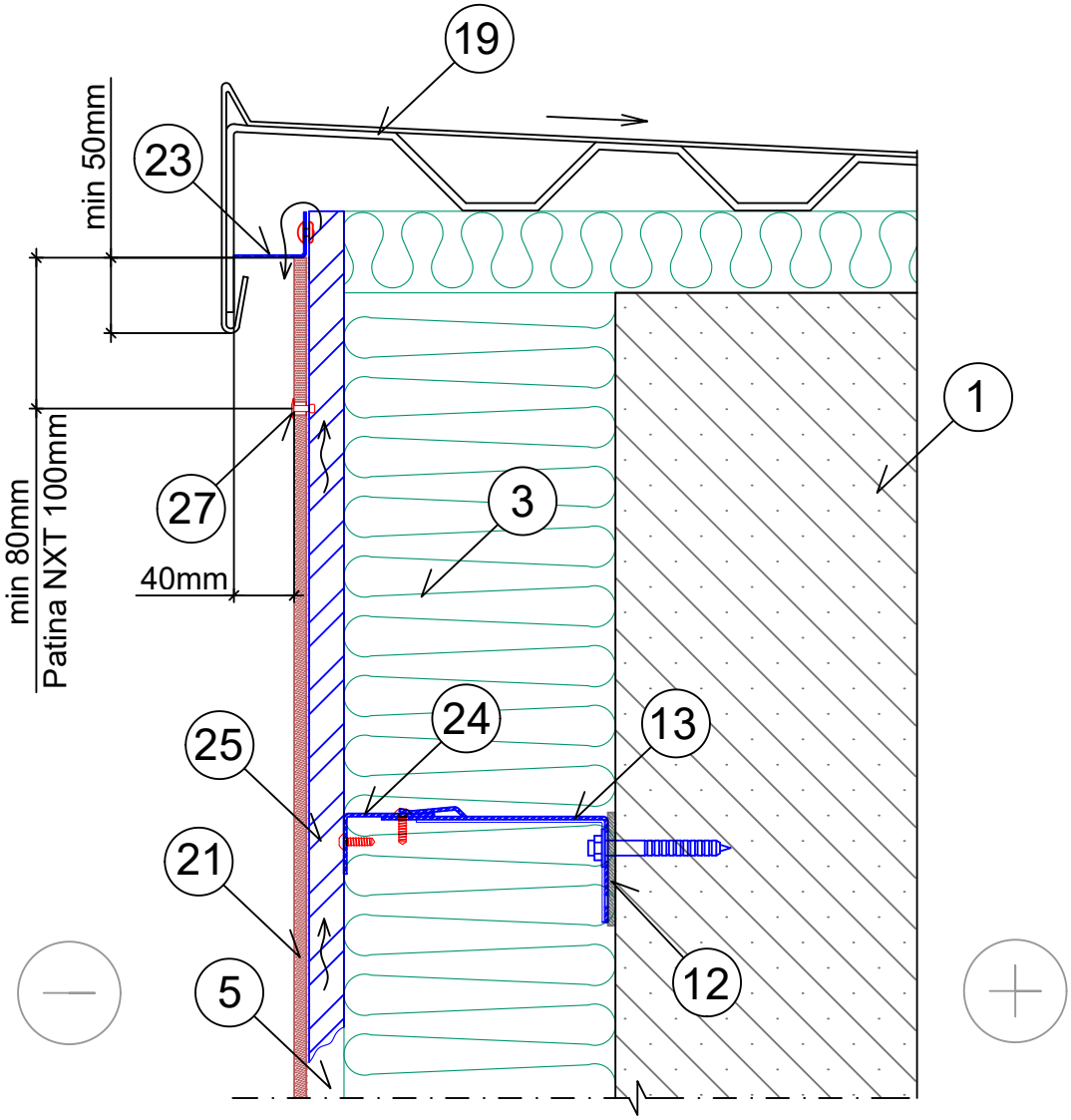
Date
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Drawn by

DET 212

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Vertical cross section. Parapet



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
19. Roof

21. Swisspearl facade board
23. Ventilation profile (insect grating)
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
d Ventilation outlet min 200cm²/m
f Overhang approx. 30mm

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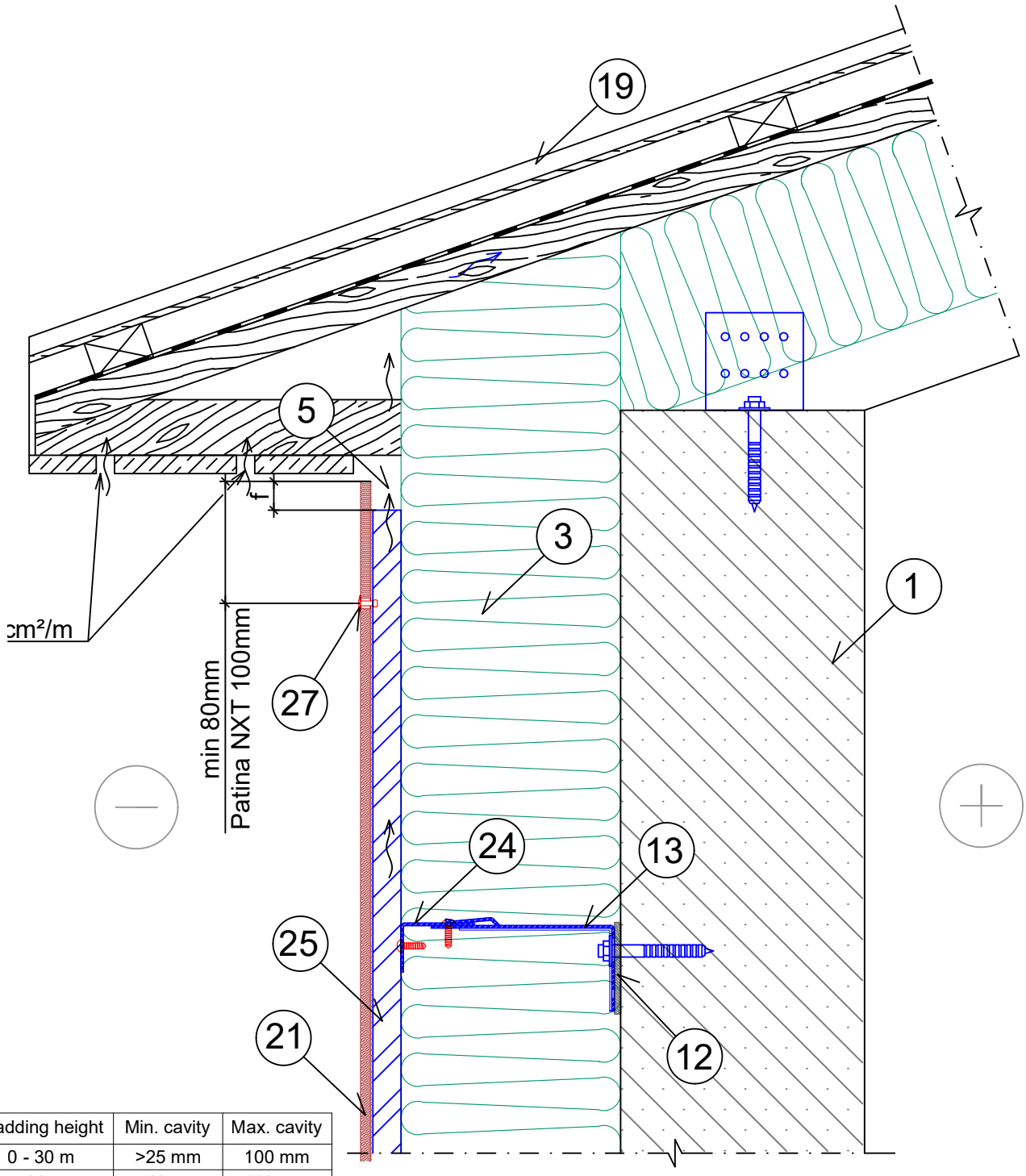
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Drawn by

DET 213

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Vertical cross section. Roof edge



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket

19. Roof
21. Swisspearl facade board
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
f Overhang approx. 30mm

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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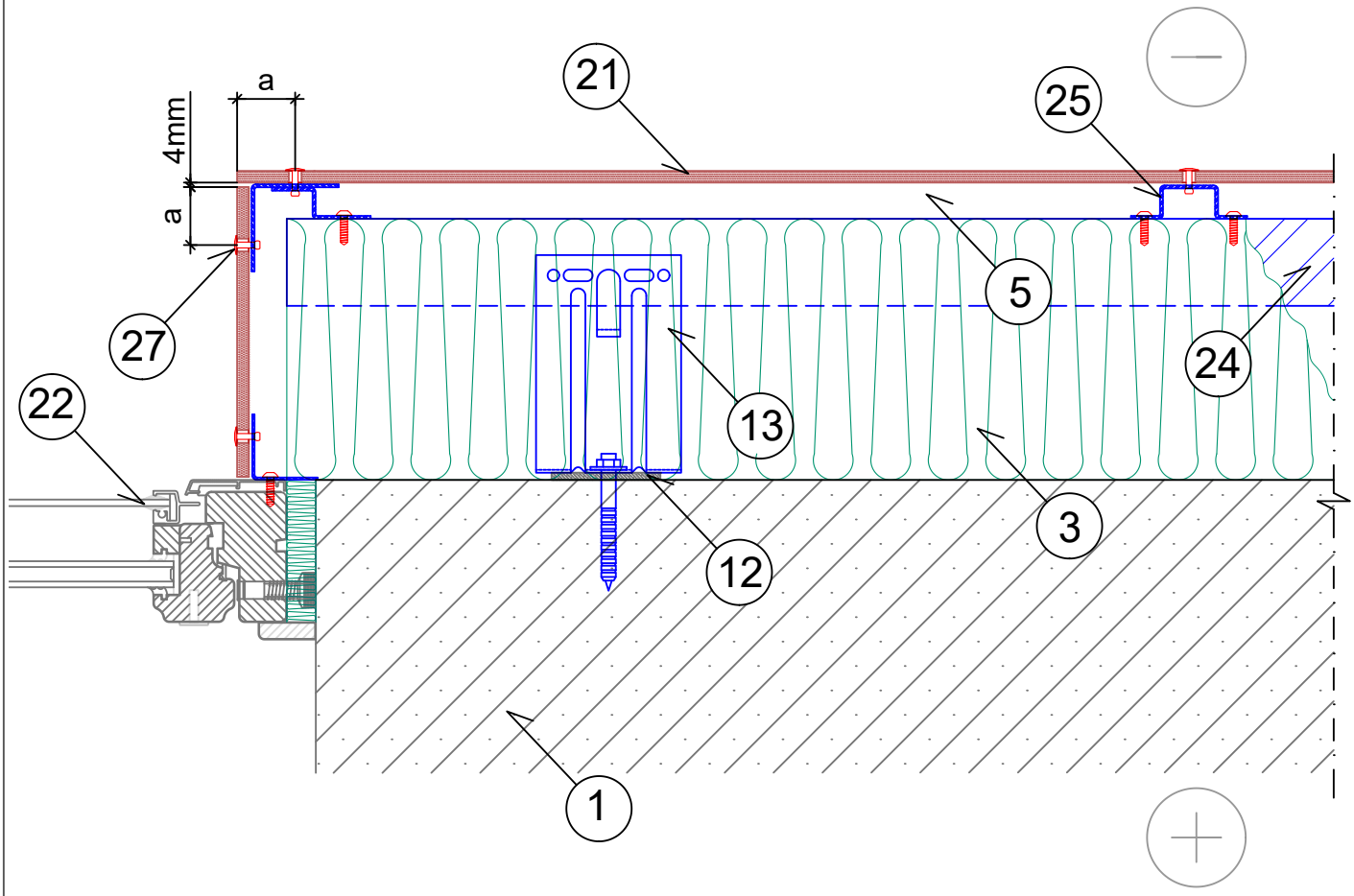
Date
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Drawn by

DET 214

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Horizontal cross section. Window



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket

21. Swisspearl facade board
22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
a Edge distance min 30mm

Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

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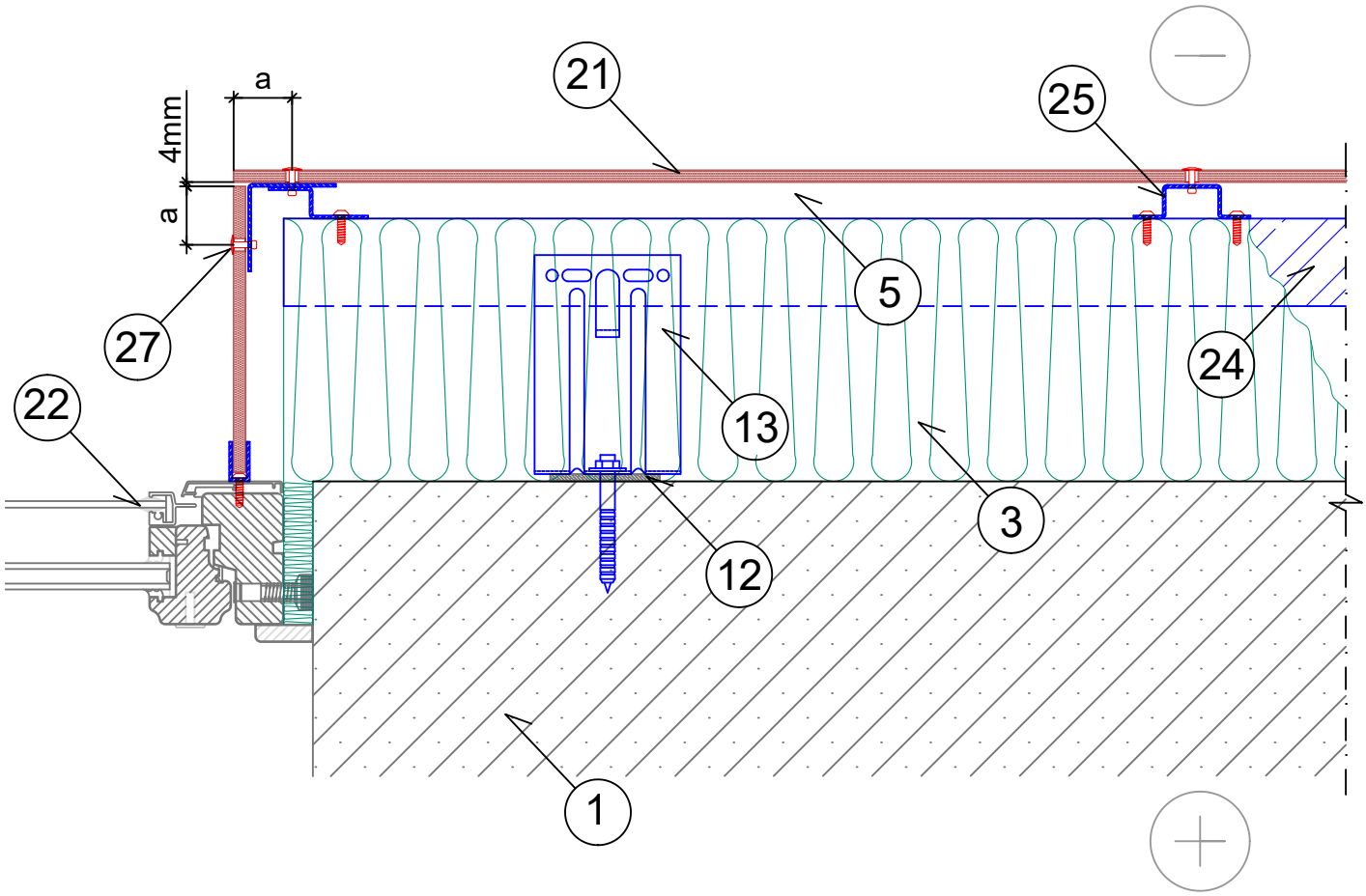
Date
2026

Drawn by

DET 215

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Horizontal cross section. Window



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket

21. Swisspearl facade board
22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
a Edge distance min 30mm

Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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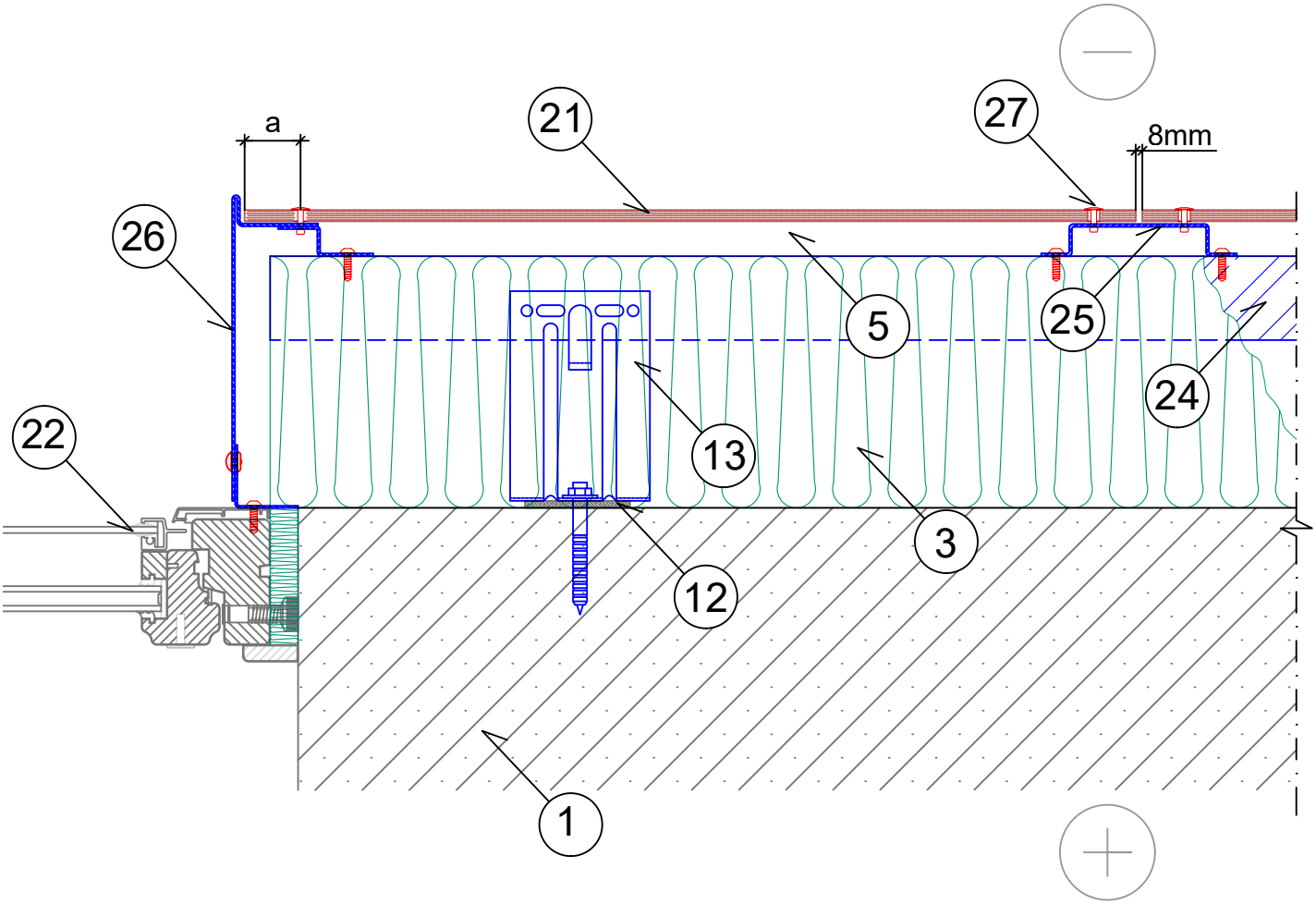
Date
2026

Drawn by

DET 216

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Horizontal cross section. Window



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
12. Thermal separation
13. Bracket
21. Swisspearl facade board
22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
26. Window reveal finishing
27. Rivet 4,0x20/K15 for steel sub-construction
a Edge distance min 30mm

Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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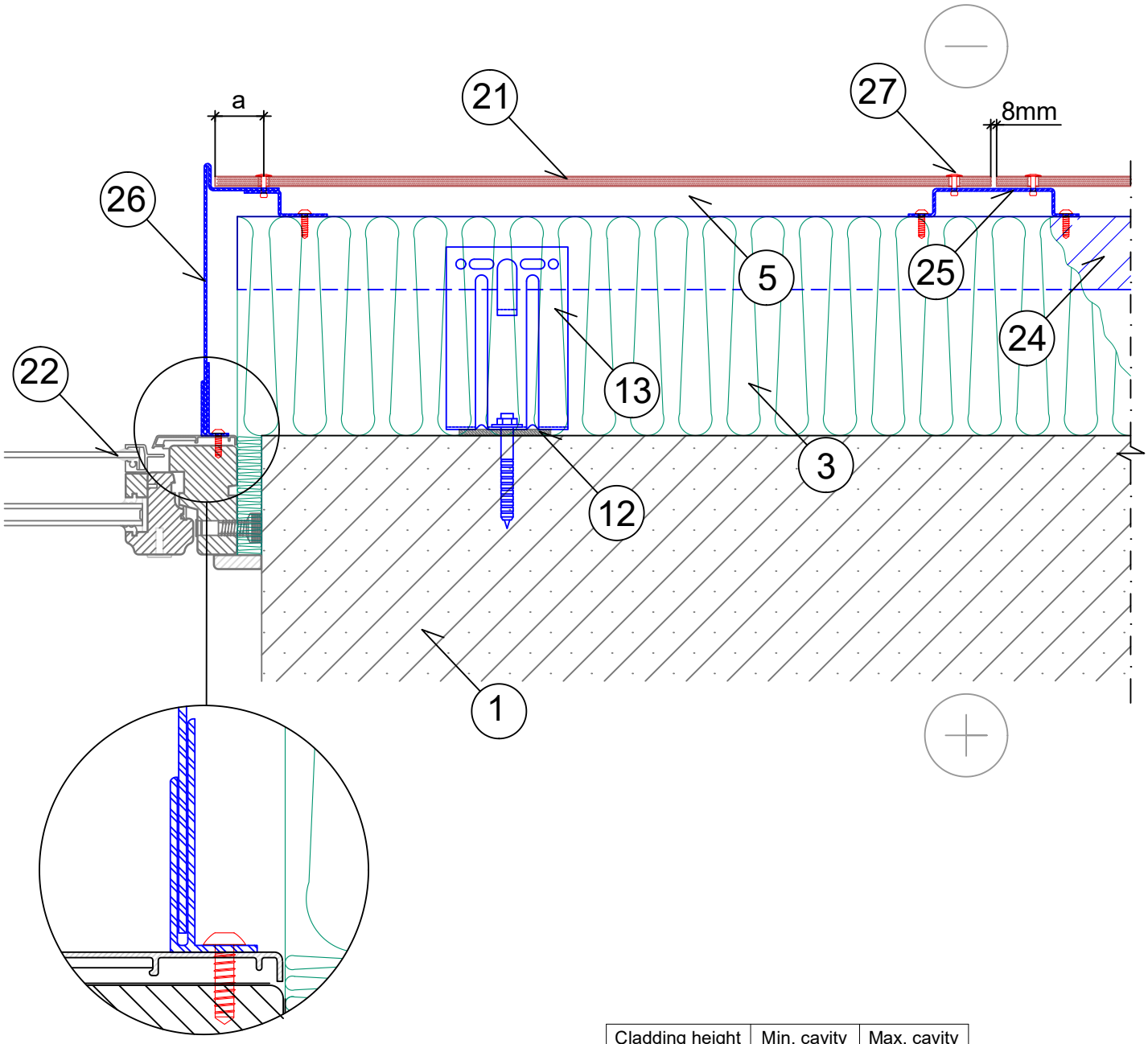
Date
2026

Drawn by

DET 217

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Horizontal cross section. Window



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
12. Thermal separation
13. Bracket
21. Swisspearl facade board
22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
26. Window reveal finishing
27. Rivet 4,0x20/K15 for steel sub-construction
a Edge distance min 30mm

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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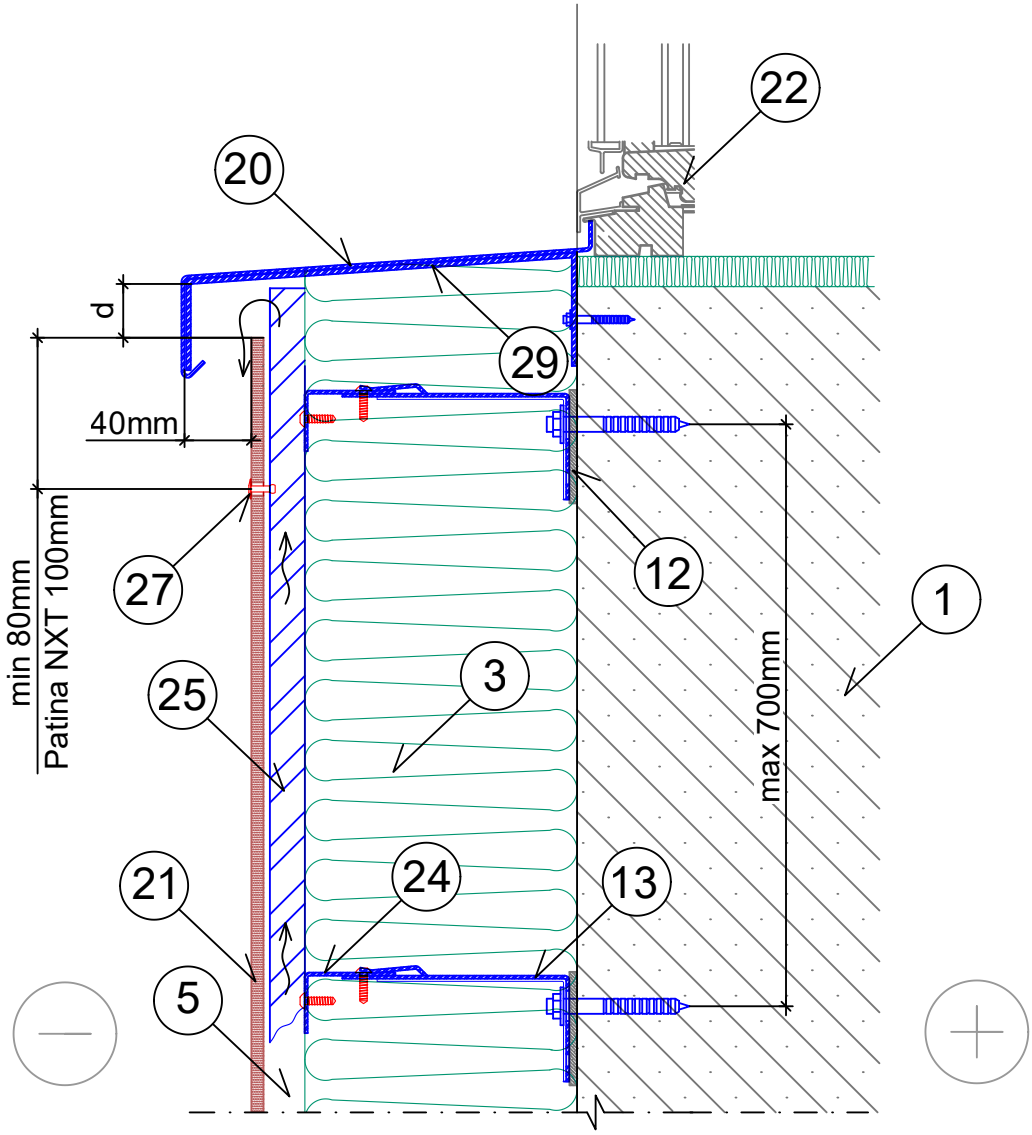
Date
2026

Drawn by

DET 218

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Vertical cross section. Window sill



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
20. Window sill

21. Swisspearl facade board
22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
29. Window sill mounting band
d Ventilation outlet min 200cm²/m

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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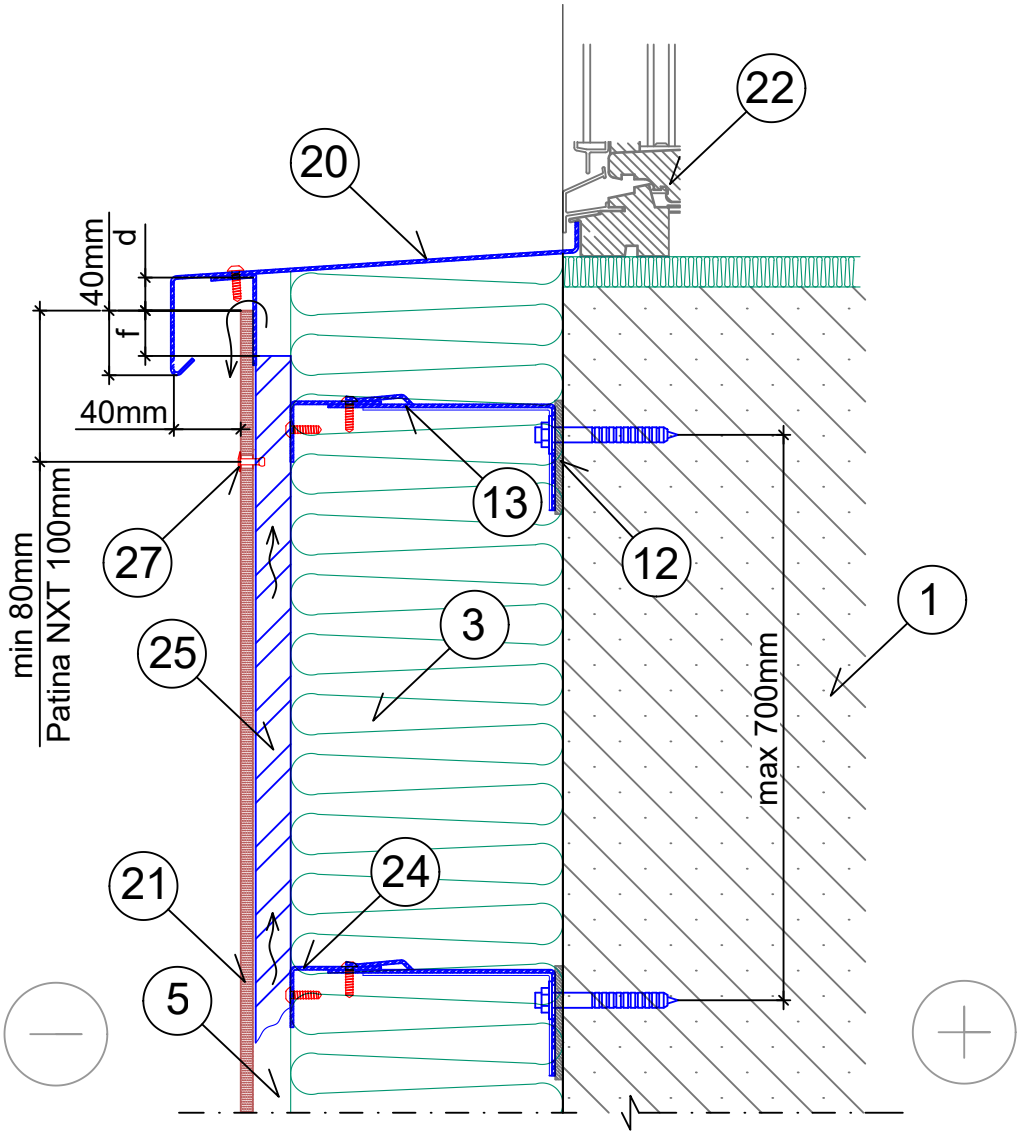
Date
2026

Drawn by

DET 219

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Vertical cross section. Window sill



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
20. Window sill

21. Swisspearl facade board
22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
d Ventilation outlet min 200cm²/m
f Overhang approx. 30mm

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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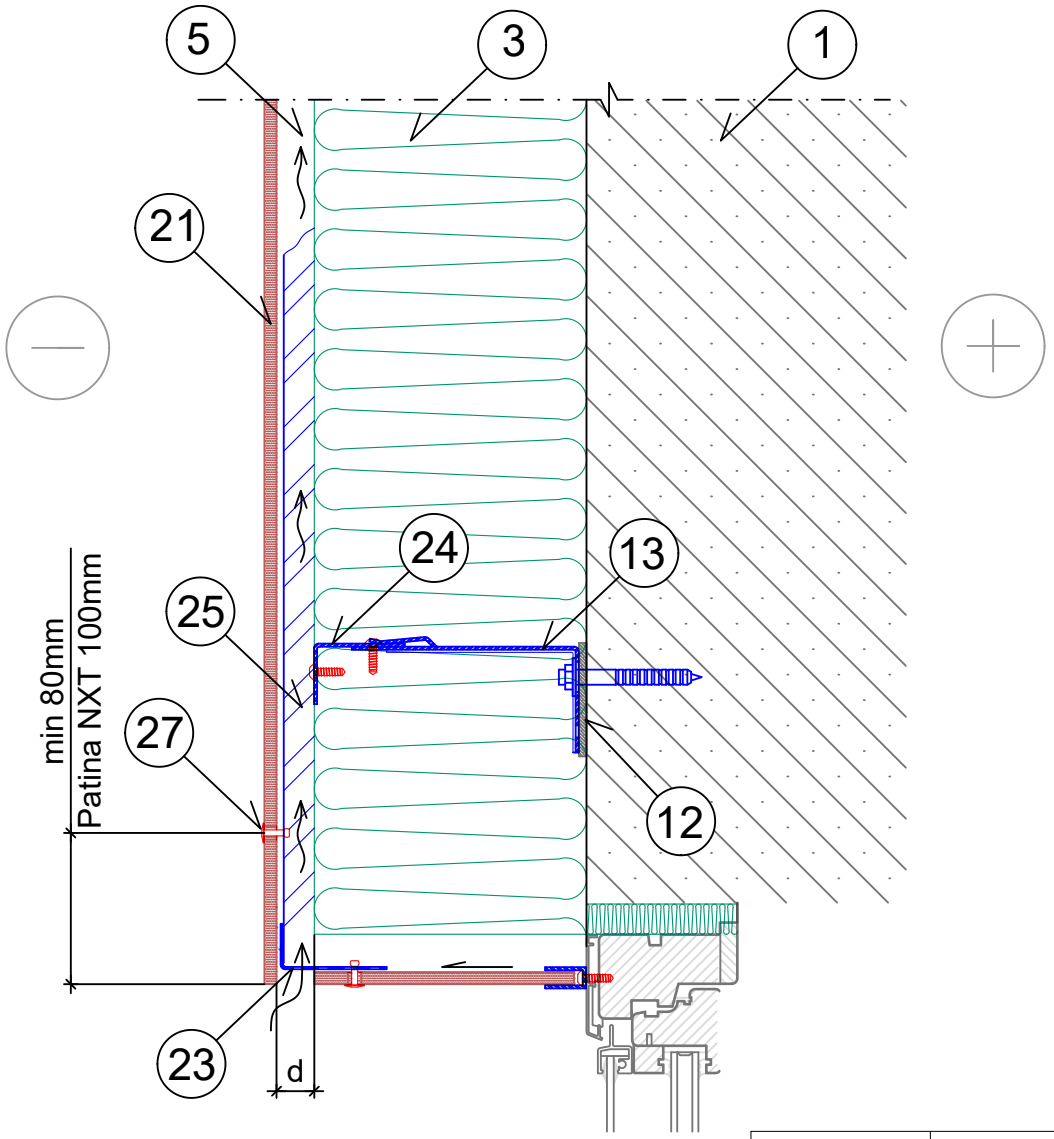
Date
2026

Drawn by

DET 220

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Vertical cross section. Window upper edge



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
21. Swisspearl facade board

22. Window
23. Ventilation profile (insect grating)
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
d Ventilation inlet min 200cm²/m

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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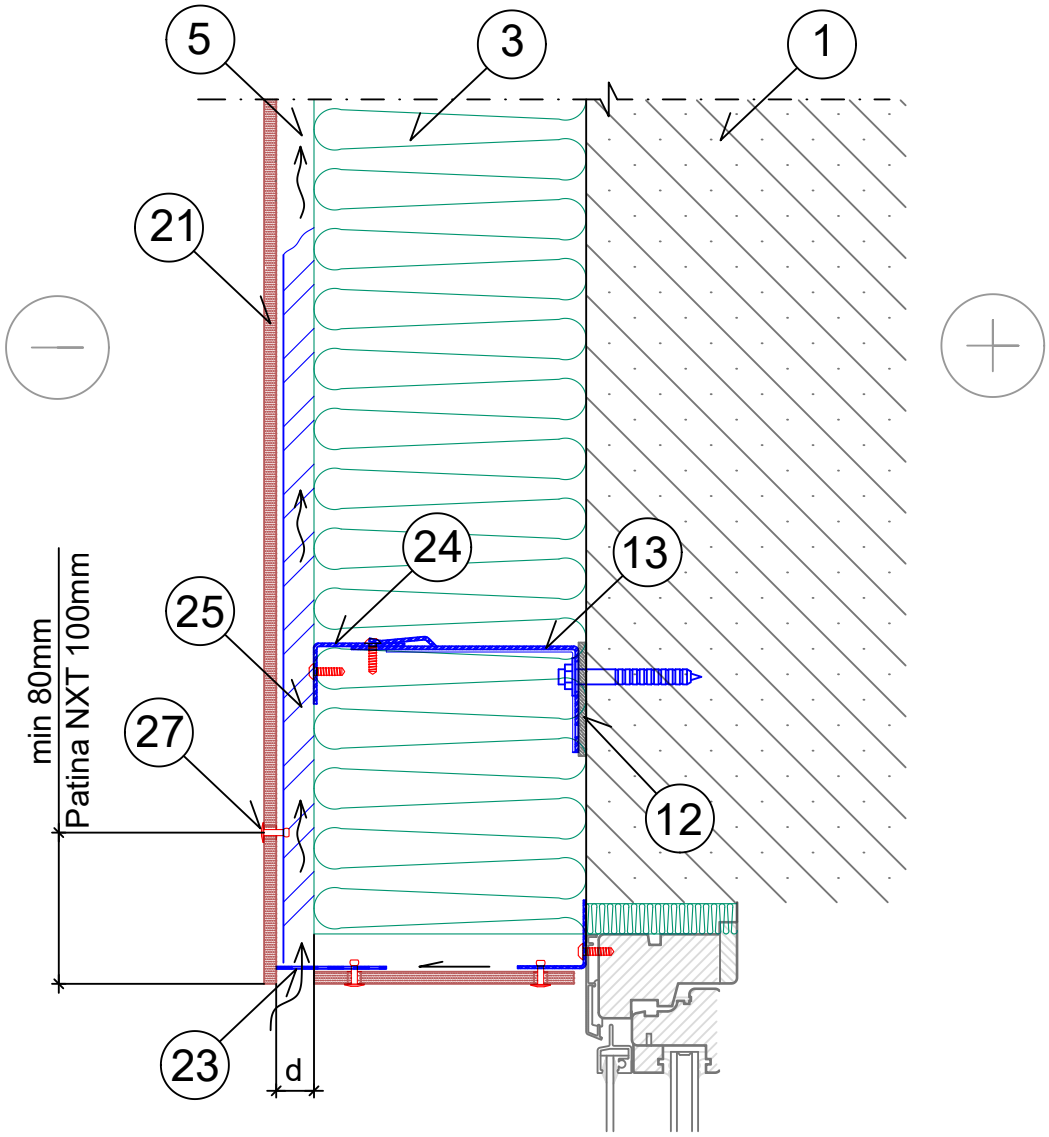
Date
2026

Drawn by

DET 221

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Vertical cross section. Window upper edge



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
21. Swisspearl facade board

22. Window
23. Ventilation profile (insect grating)
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
d Ventilation inlet min 200cm²/m

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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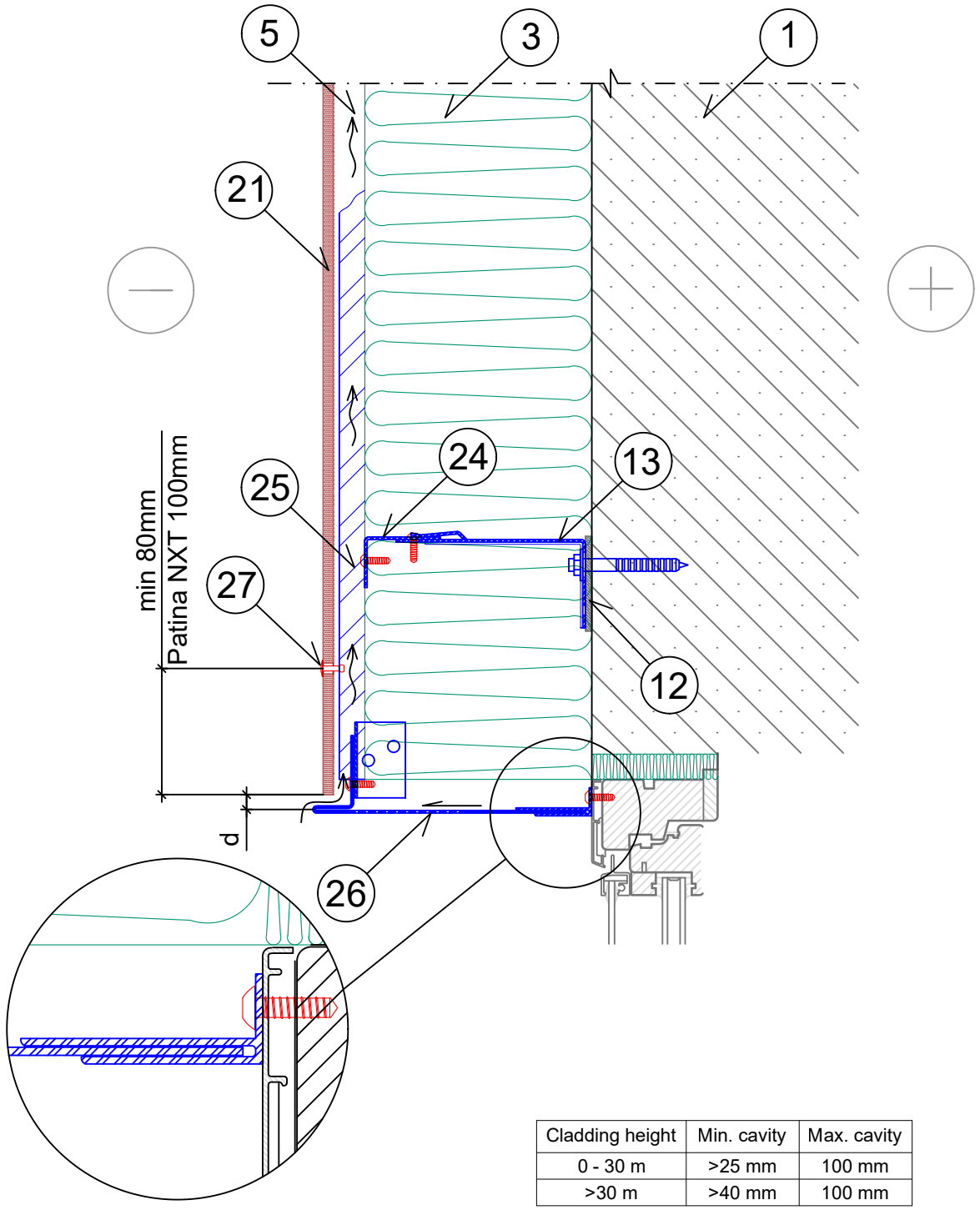
Date
2026

Drawn by

DET 222

Content

Swisspearl facade board
Ventilated facade system
Steel frame. Vertical cross section. Window upper edge



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
21. Swisspearl facade board

22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
26. Window reveal finishing
27. Rivet 4,0x20/K15 for steel sub-construction
d Ventilation inlet min 200cm²/m

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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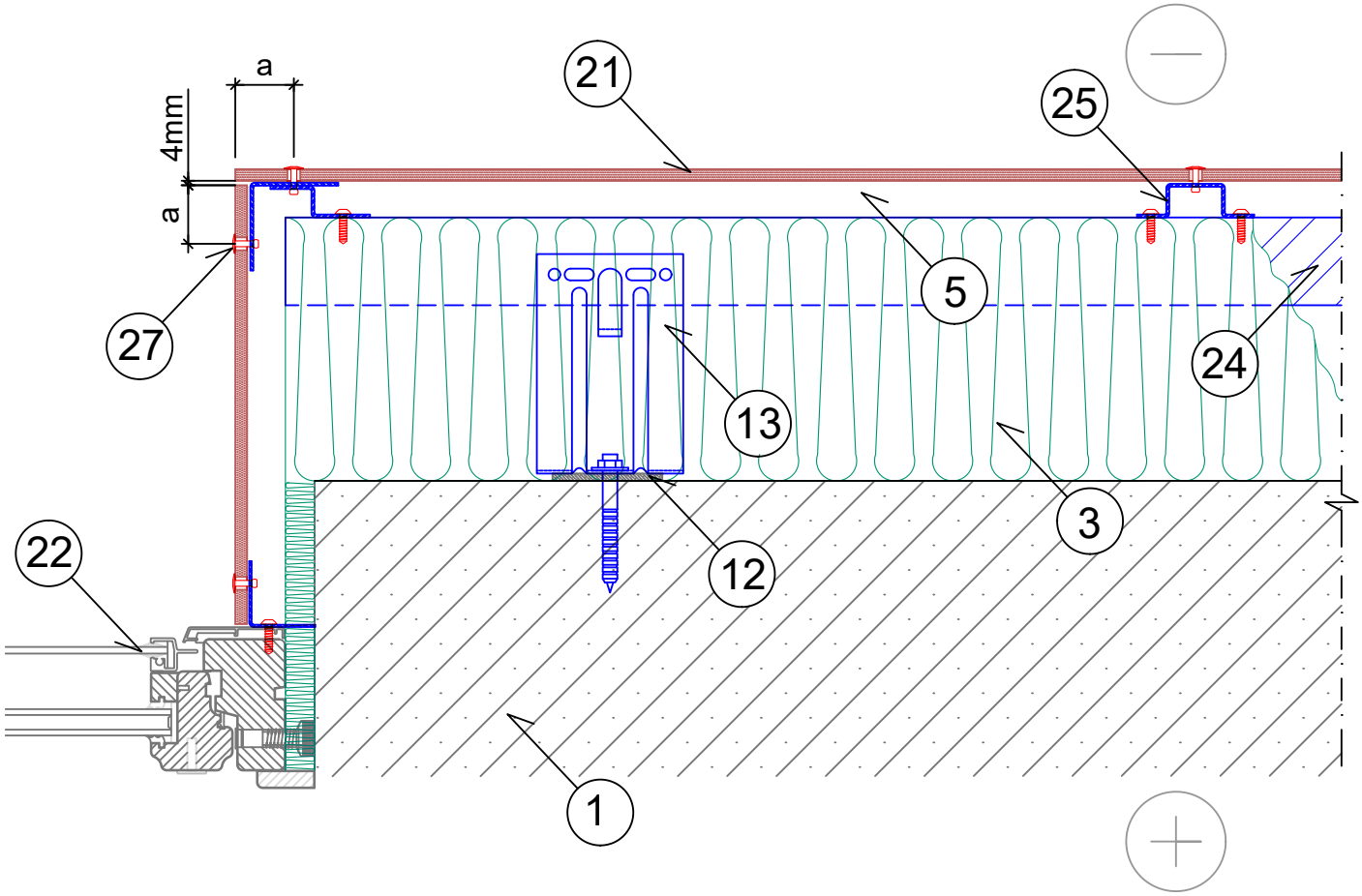
Date
2026

Drawn by

DET 223

Content

Swisspearl facade board
Ventilated facade system. Renovation
Steel frame. Horizontal cross section. Window



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
12. Thermal separation
13. Bracket
21. Swisspearl facade board
22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
a Edge distance min 30mm

Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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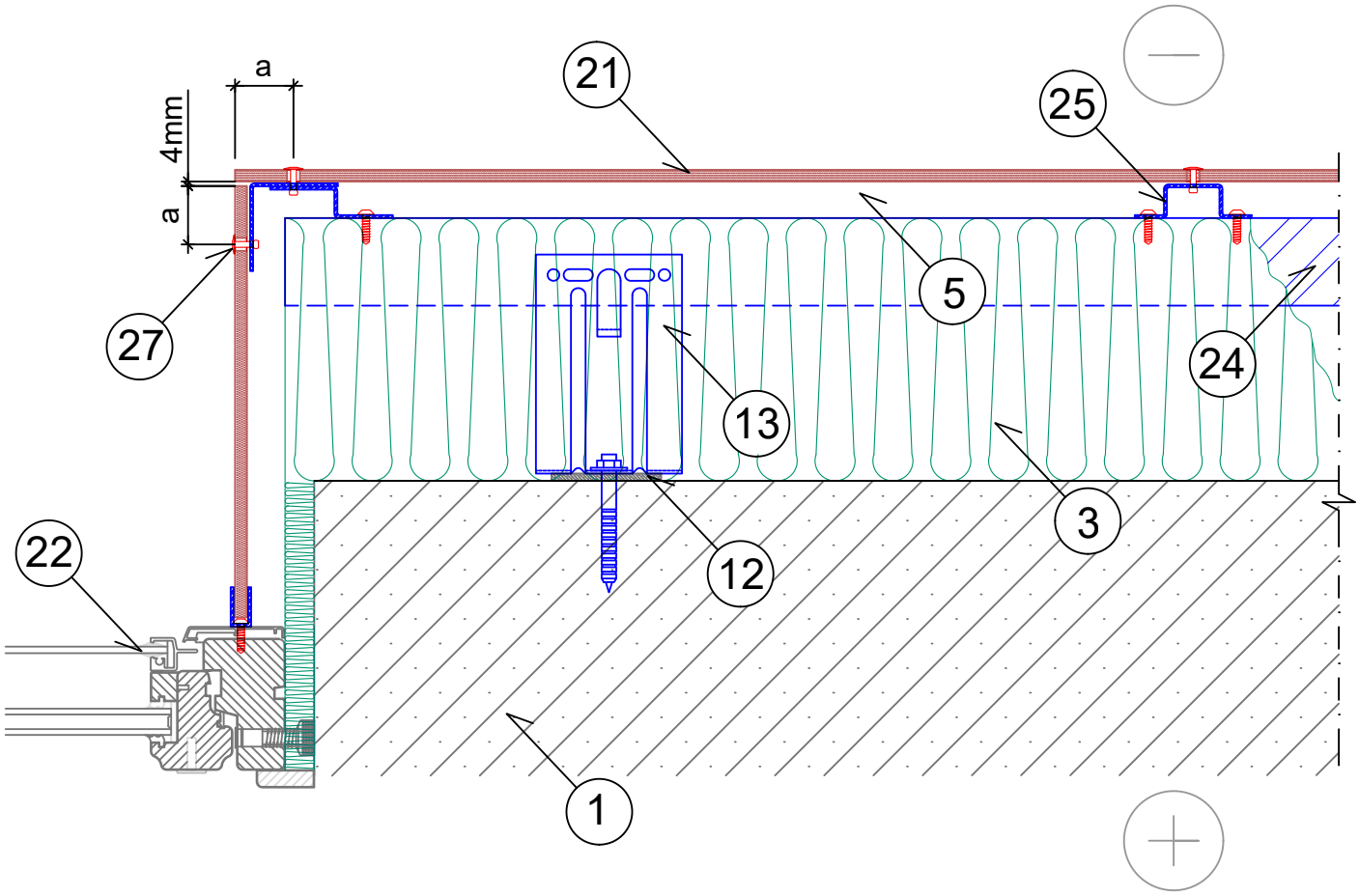
Date
2026

Drawn by

DET 224

Content

Swisspearl facade board
Ventilated facade system. Renovation
Steel frame. Horizontal cross section. Window



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket

21. Swisspearl facade board

22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
a Edge distance min 30mm

Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

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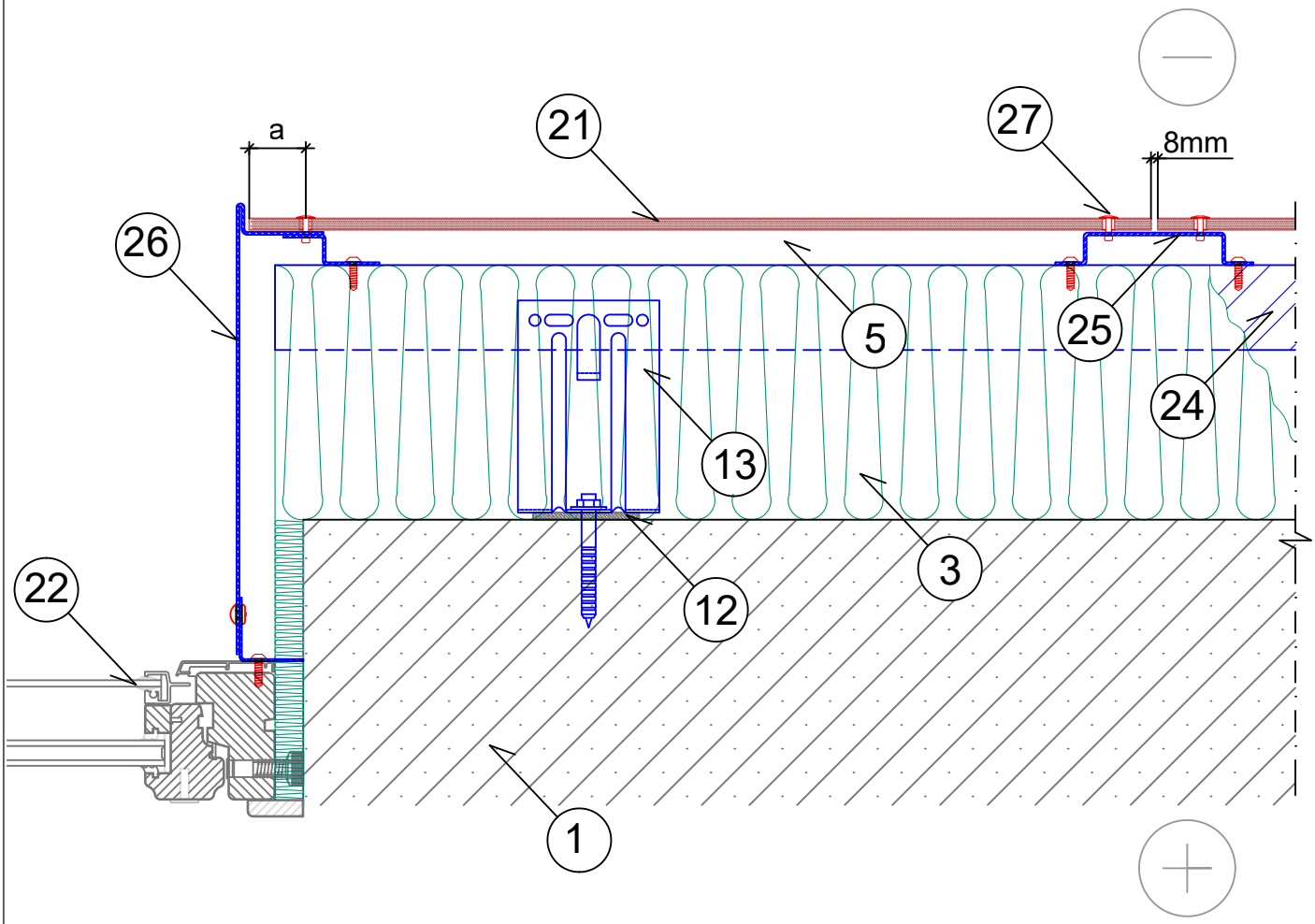
Date
2026

Drawn by

DET 225

Content

Swisspearl facade board
Ventilated facade system. Renovation
Steel frame. Horizontal cross section. Window



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
12. Thermal separation
13. Bracket
21. Swisspearl facade board
22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
26. Window reveal finishing
27. Rivet 4,0x20/K15 for steel sub-construction
a Edge distance min 30mm

Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

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Work number
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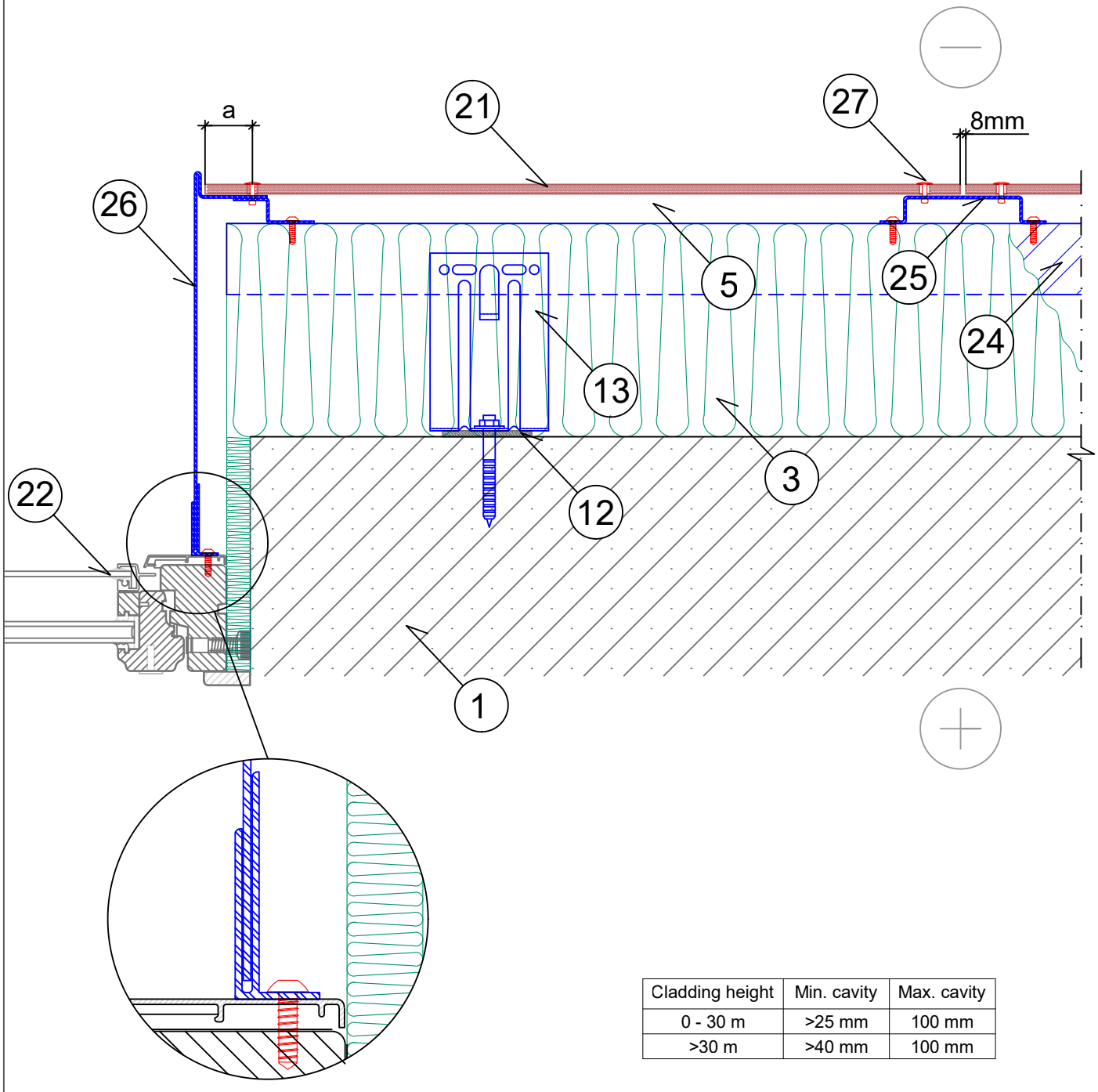
Date
2026

Drawn by

DET 226

Content

Swisspearl facade board
Ventilated facade system. Renovation
Steel frame. Horizontal cross section. Window



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
12. Thermal separation
13. Bracket
21. Swisspearl facade board

22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
26. Window reveal finishing
27. Rivet 4,0x20/K15 for steel sub-construction
a Edge distance min 30mm

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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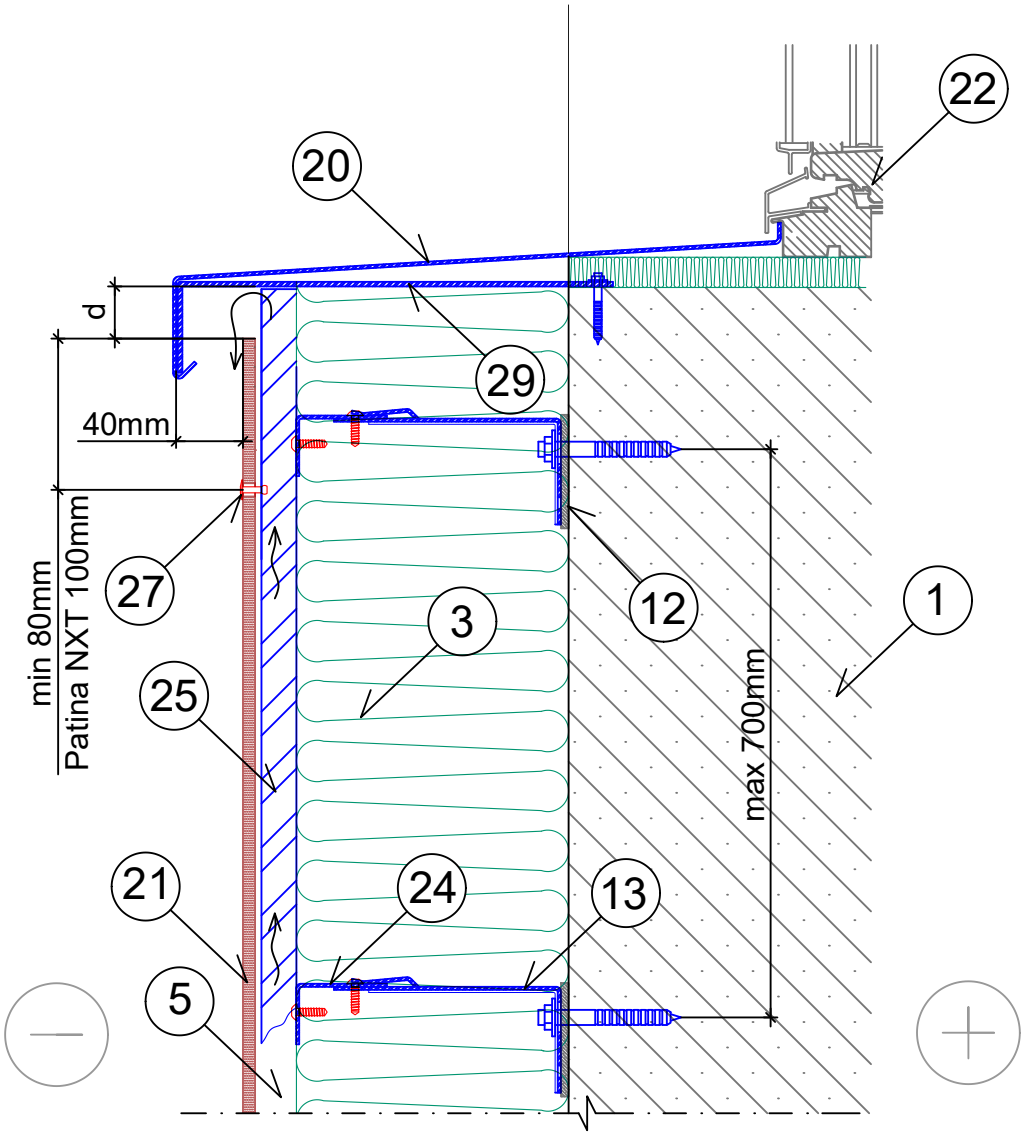
Date
2026

Drawn by

DET 227

Content

Swisspearl facade board
Ventilated facade system. Renovation
Steel frame. Vertical cross section. Window sill



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
20. Window sill

21. Swisspearl facade board
22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
29. Window sill mounting band
d Ventilation outlet min 200cm²/m

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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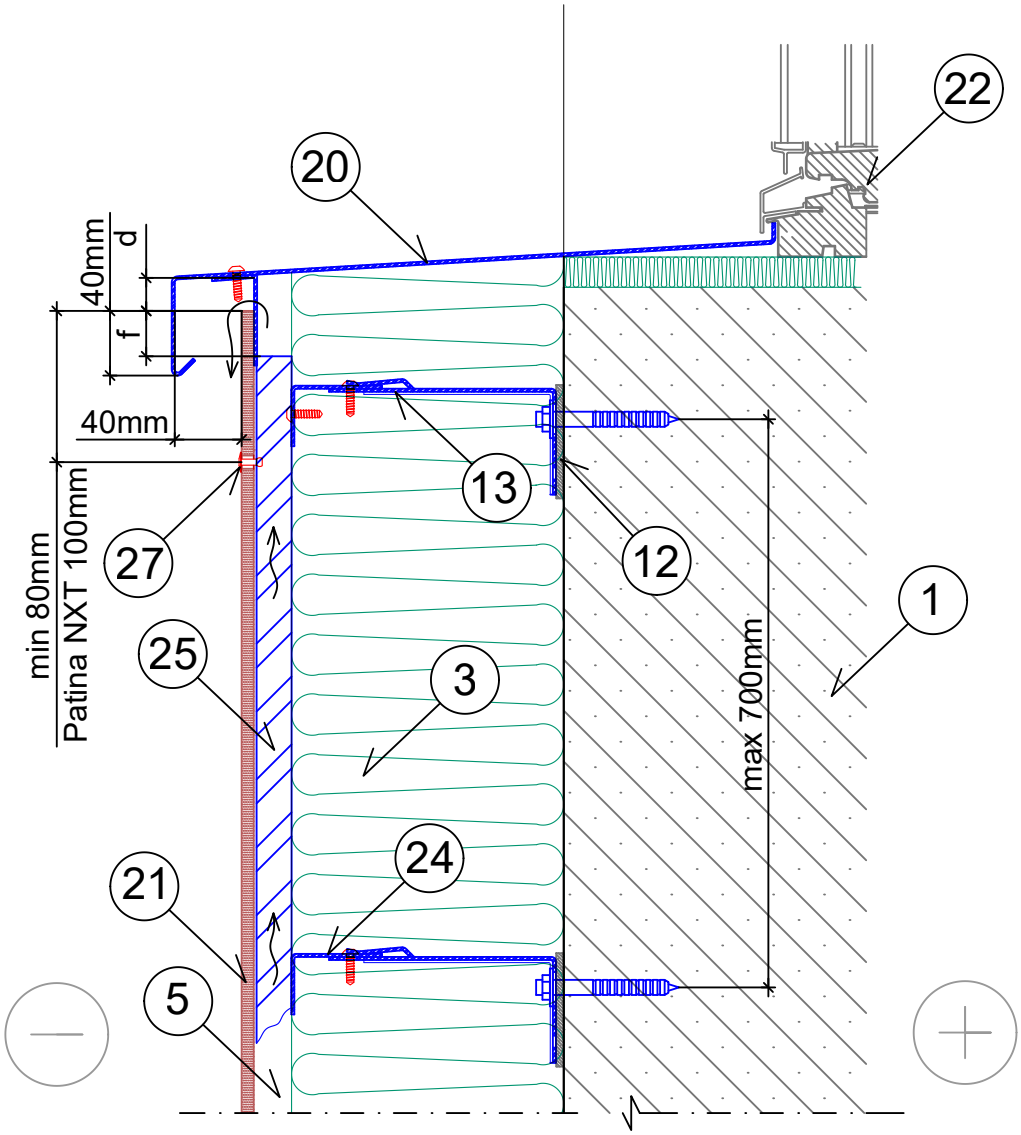
Date
2026

Drawn by

DET 228

Content

Swisspearl facade board
Ventilated facade system. Renovation
Steel frame. Vertical cross section. Window sill



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
20. Window sill

21. Swisspearl facade board
22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
d Ventilation outlet min 200cm²/m
f Overhang approx. 30mm

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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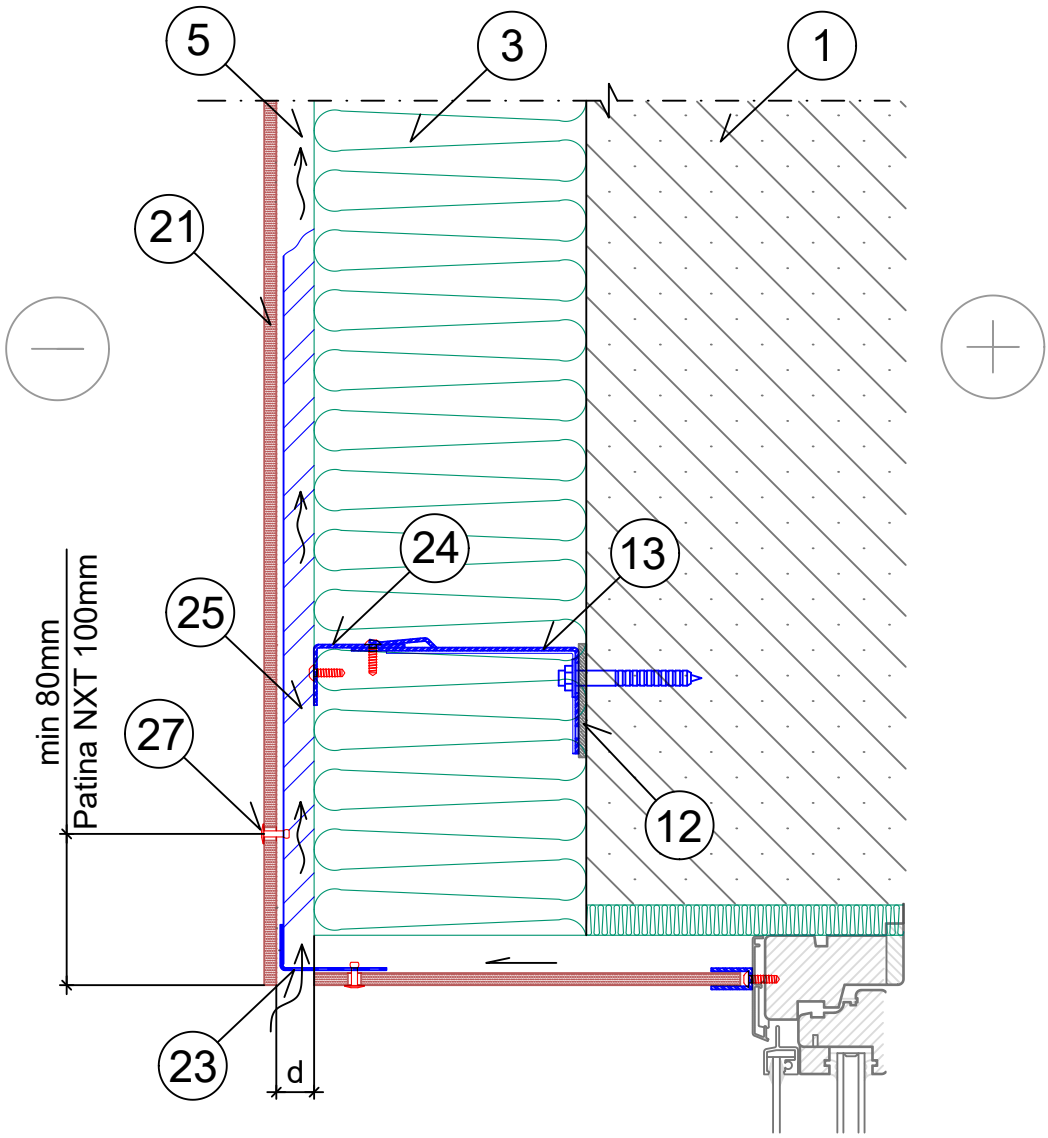
Date
2026

Drawn by

DET 229

Content

Swisspearl facade board
Ventilated facade system. Renovation
Steel frame. Vertical cross section. Window upper edge



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
21. Swisspearl facade board

22. Window
23. Ventilation profile (insect grating)
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
d Ventilation inlet min 200cm²/m

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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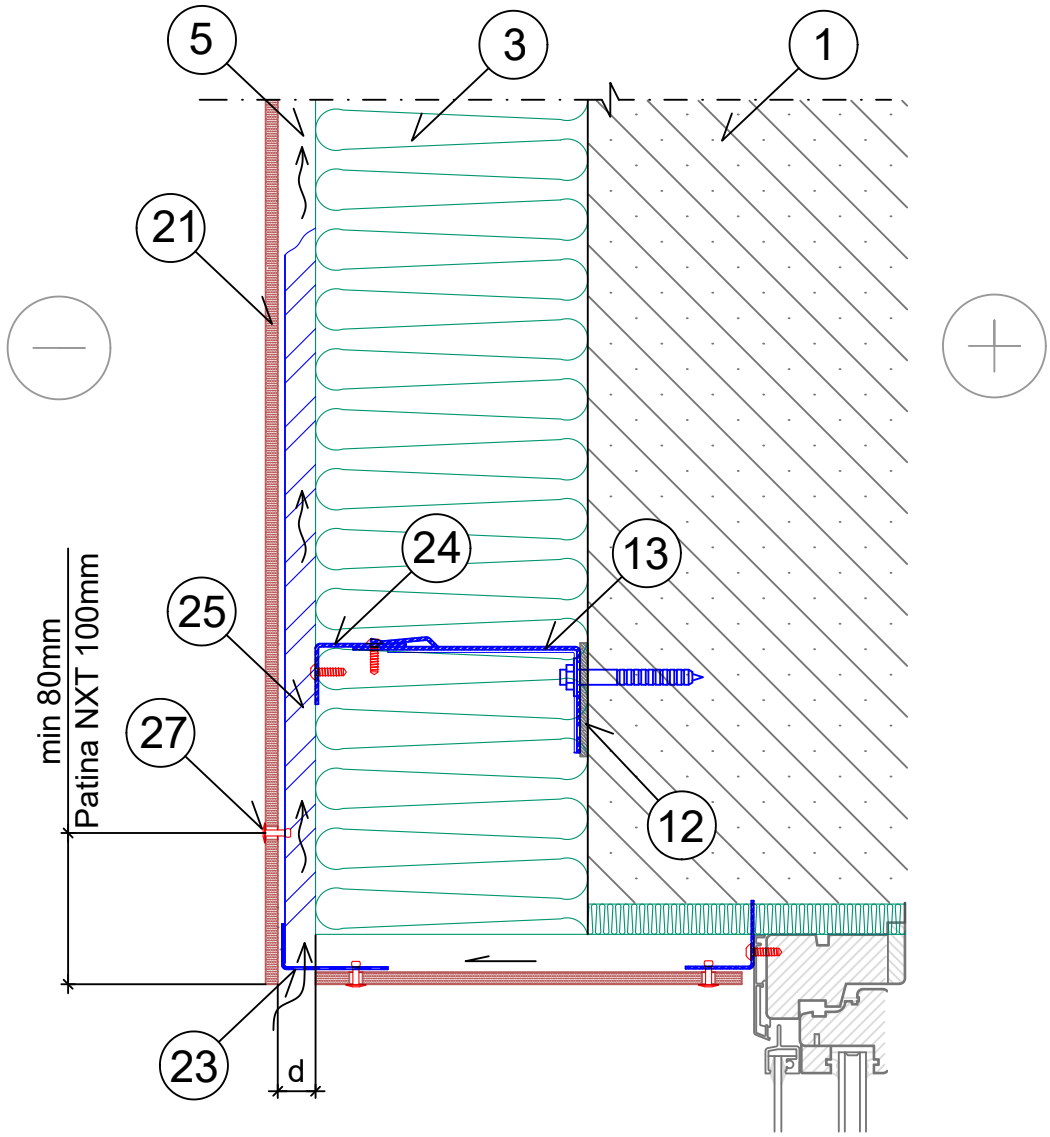
Date
2026

Drawn by

DET 230

Content

Swisspearl facade board
Ventilated facade system. Renovation
Steel frame. Vertical cross section. Window upper edge



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
21. Swisspearl facade board
22. Window
23. Ventilation profile (insect grating)
24. L-galvanized steel profile
25. Ω-galvanized steel profile
27. Rivet 4,0x20/K14 for steel sub-construction
d Ventilation inlet min 200cm²/m

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.

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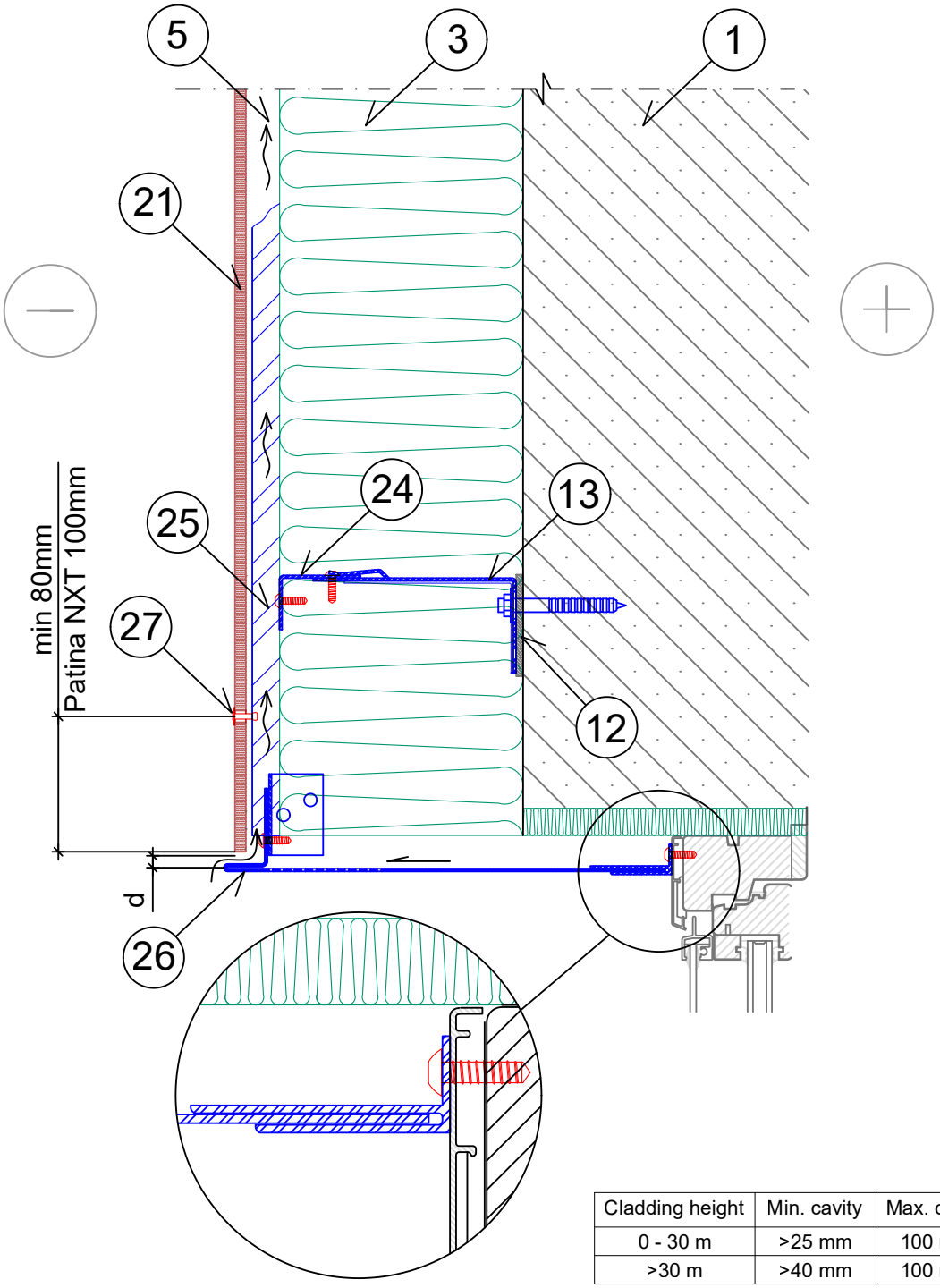
Date
2026

Drawn by

DET 231

Content

Swisspearl facade board
Ventilated facade system. Renovation
Steel frame. Vertical cross section. Window upper edge



Cladding height	Min. cavity	Max. cavity
0 - 30 m	>25 mm	100 mm
>30 m	>40 mm	100 mm

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm

12. Thermal separation
13. Bracket
21. Swisspearl facade board
22. Window
24. L-galvanized steel profile
25. Ω-galvanized steel profile
26. Apdailinis profiliuotis
27. Rivet 4,0x20/K15 for steel sub-construction
d Ventilation inlet min 200cm²/m

The drawings are indicative. The designer is responsible for the applicability of the drawings to the site.