SWISSPEARL Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

Date
2026 m.

Drawn by

Content
Swisspearl facade board
Ventilated facade system
Contents

CONTENTS

100. View of cladding
101. Aluminium subconstruction
102. Accessories
Horizontal section
103. Two boards in one profile
104. Two boards in two profiles
105. Supporting profile in the middle of board
106. External corner_1
108. Internal corner_1
109. Internal corner_2
Vertical section
110. Two boards connection
111. Two boards connection with Z profile
112. Wall and base connection when base is with insulation
113. Wall and base connection when base is without insulation
114. Parapet
115. Roof edge
New building
Horizontal section
116. Window reveal with f/c board_1
117. Window reveal with f/c board_2
118. Window reveal with steel aplication_1
119. Window reveal with steel aplication_2
120. Window reveal with steel aplication_3
Vertical section
121. Window sill_1
122. Window sill_2
123. Window lintell with f/c board_1
124. Window lintell with f/c board_2
125. Window lintell with steel
Renovation when windows are deeper than facade thermal insulation
Horizont section
126. Window reveal with f/c board_1
127. Window reveal with f/c board_2
128. Window reveal with steel aplication_1
129. Window reveal with steel aplication_2
130. Window reveal with steel aplication_2
Vertikal section
131. Window sill_1
132. Window sill_2
133. Window lintell with f/c board_1
134. Window lintell with f/c board_2
135. Window lintell with steel

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

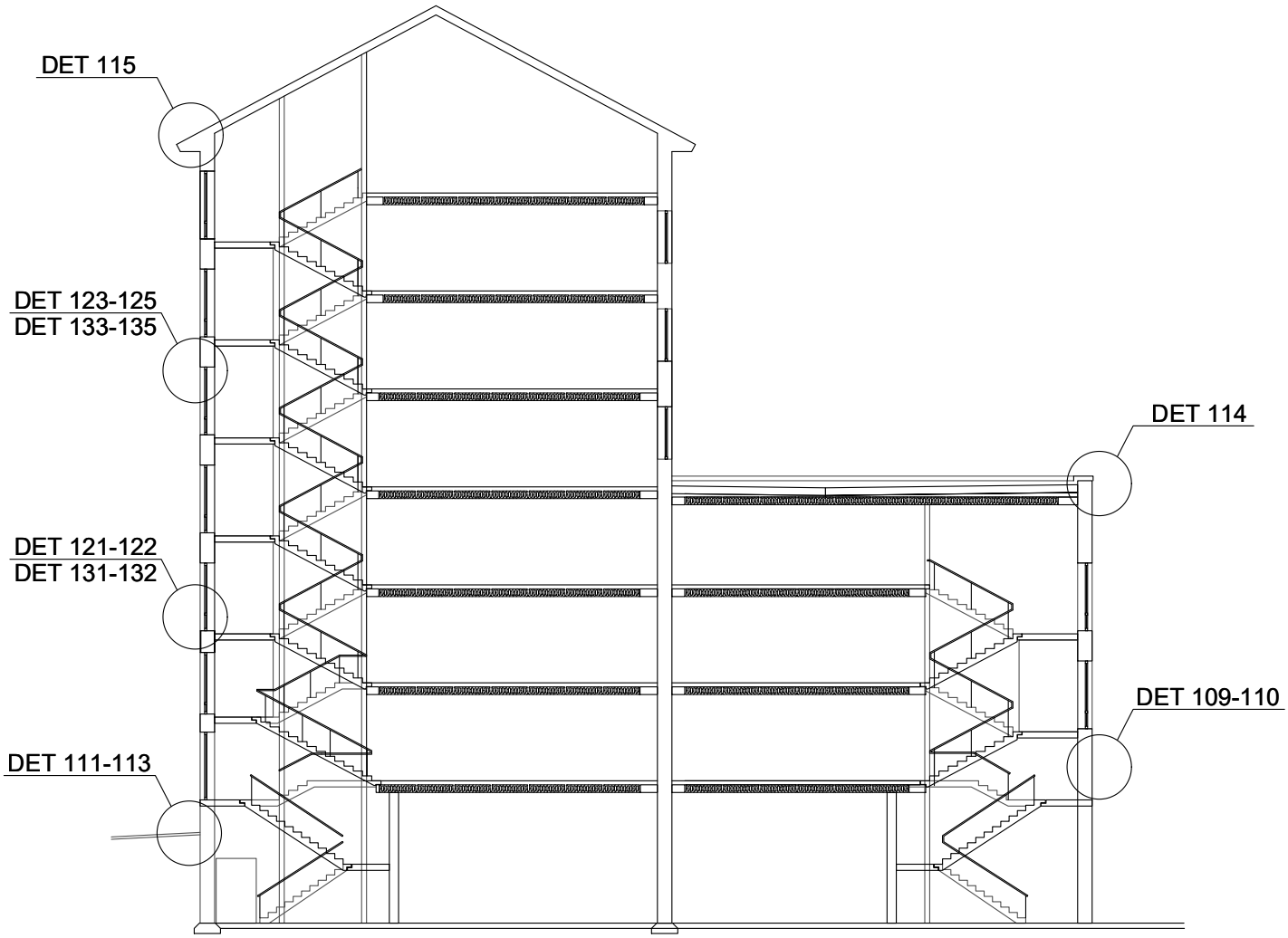
Work number
.

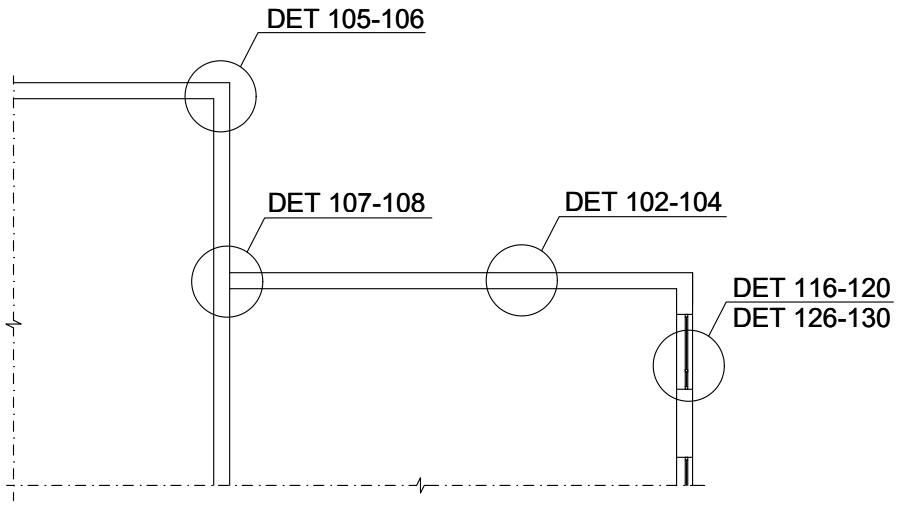
Date
2026 m.

Drawn by

DET 100

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.

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

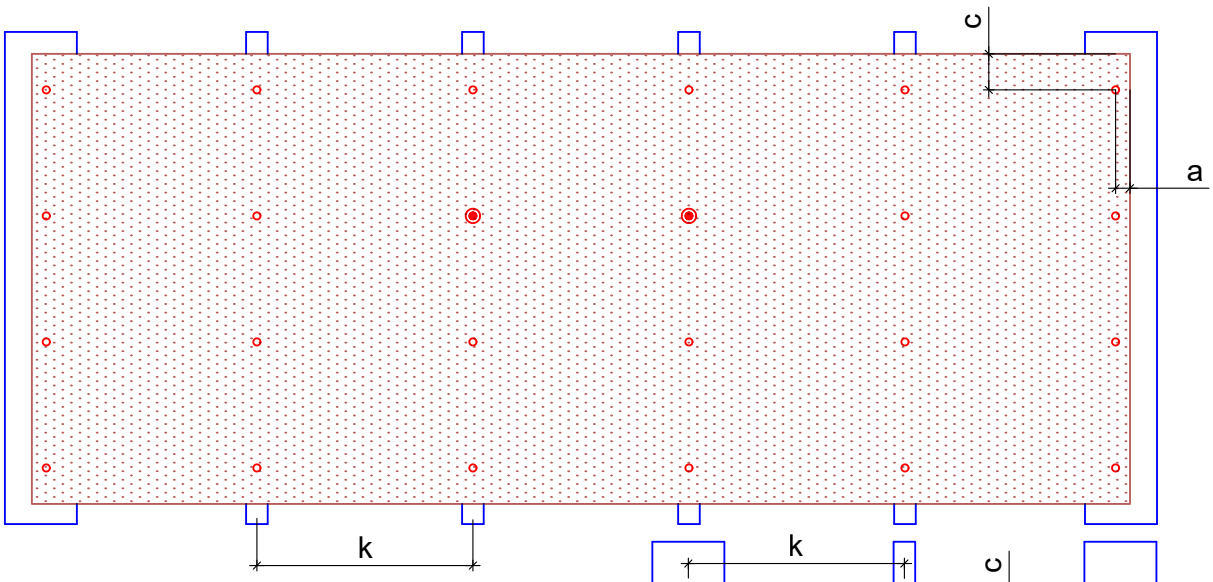
Work number
.

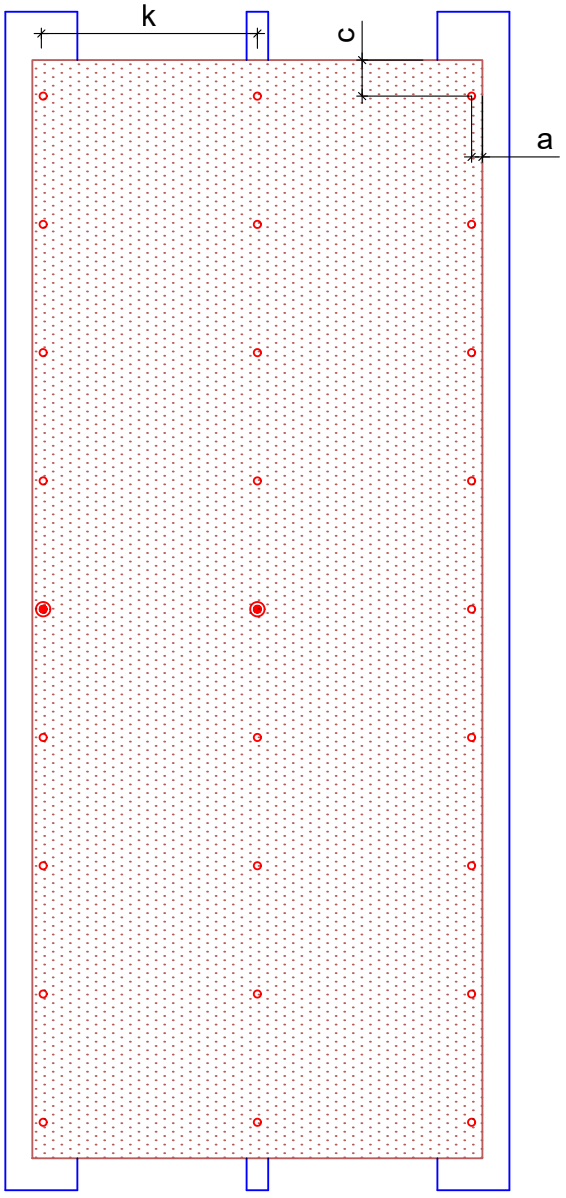
Date
2026 m.

Drawn by

DET 101

Content
Swisspearl facade board
Ventilated facade system
Aluminium sub-construction





Fixed point

Sliding point

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

* Length of the aluminium profiles is minimised to 3000 mm (one storey)
* The aluminium profiles must be fixed with one fix-point at the middle or the upper end and all other fixations as sliding points
* All joints of the aluminium profiles must be aligned so they can be followed by joints of the facade boards. A board must never cross an aluminium profile joint and be fixed to two separate aluminium profiles a cross a joint
* The facade boards must be fixed with a fix-point in the middle of the board. All other fixations are sliding points. In case of two intermediate supporting profiles, two fix-points at the same horizontal level are allowed
* Important! With installation with rivets, begin with the fix-points, followed by the sliding points above and finally the sliding points below.
* 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 100 mm).
* Every 12m of the facade, a double framing must be installed in order to create a dilatation joint.

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

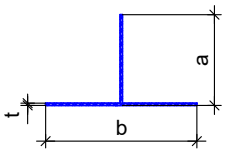
Work number
.

Date
2026 m.

Drawn by

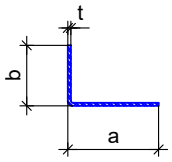
DET 102

Content
Swisspearl facade board
Ventilated facade system
Accessories



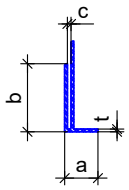
T-profile

Code	a	b	t
60/100	60	100	1,9
60/120	60	120	1,9
60/120	60	120	2,2
100/100	100	100	2,2
60/140	60	140	1,9



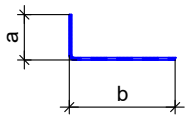
L-profile

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



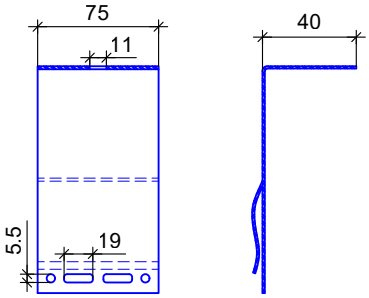
Window connection profile

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



Ventilation profile

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



Bracket

L (mm)	40	60	90	120	150	180	210	240



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



Rivet 4,8x20/K14



Dowel 10x100

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

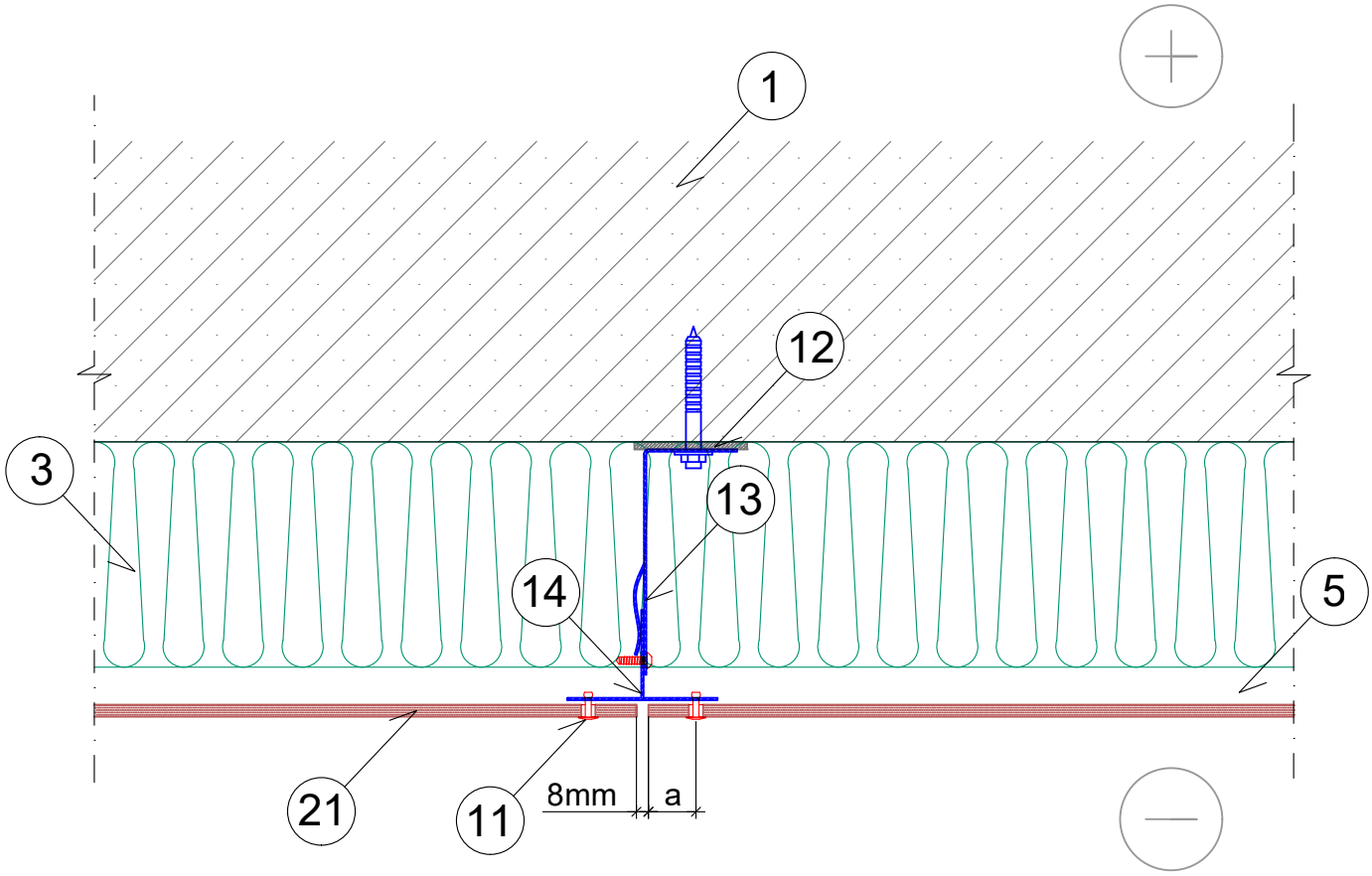
Work number
.

Date
2026 m.

Drawn by

DET 103

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



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
14. T-aluminium profile vertical
21. Swisspearl facade board
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.

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

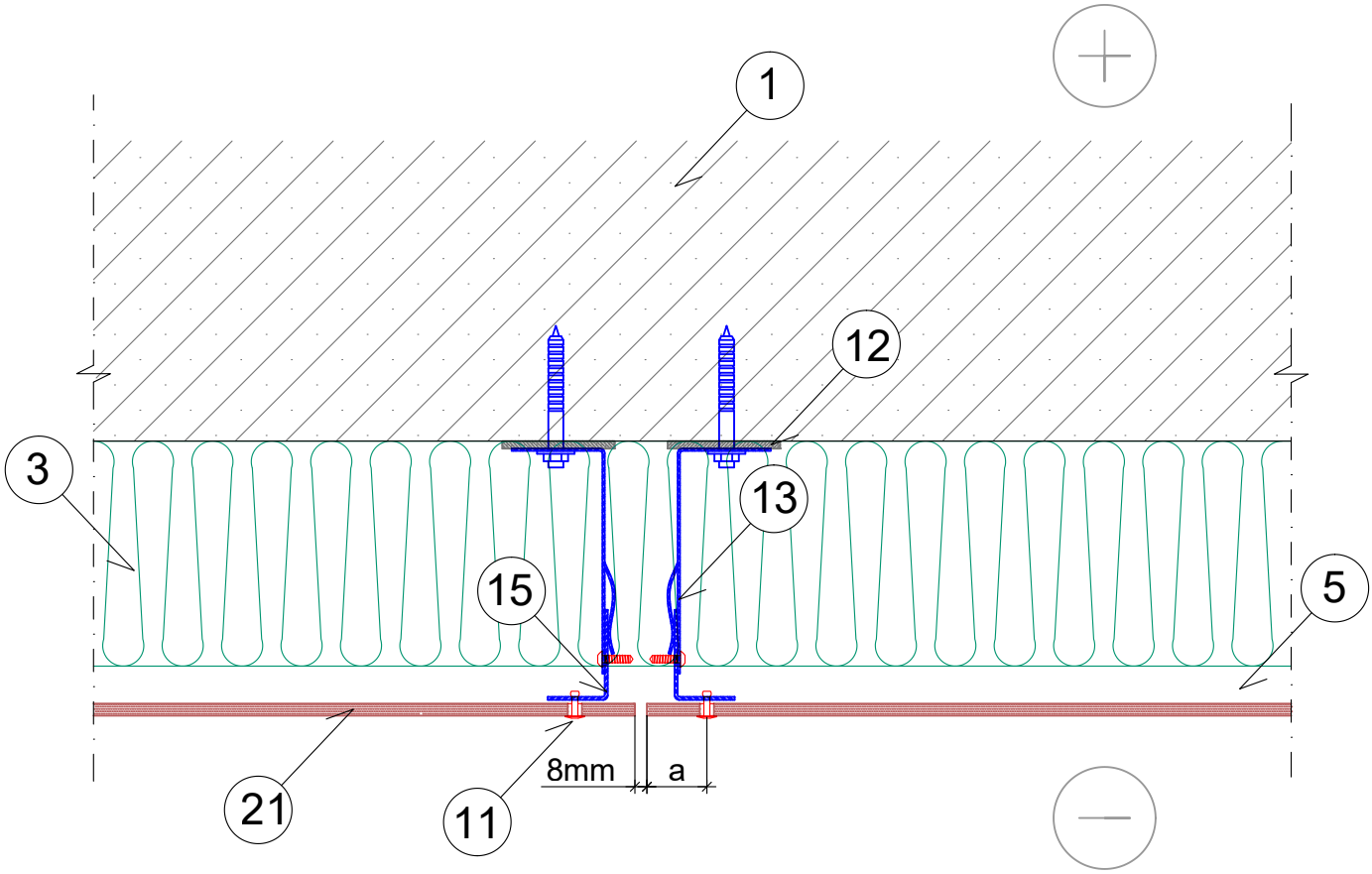
Date
2026 m.

Drawn by

DET 104

Content

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



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
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.

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

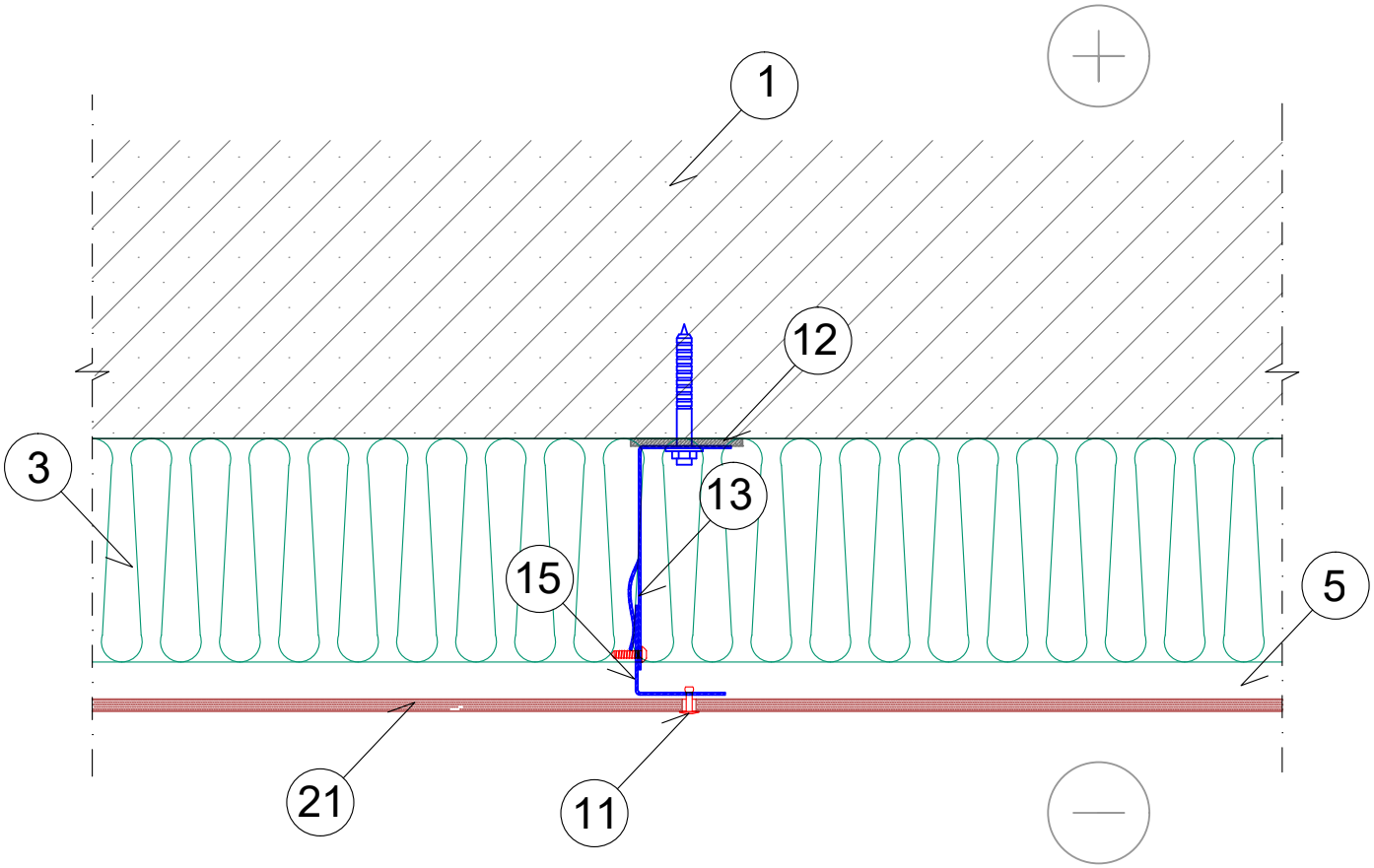
Date
2026 m.

Drawn by

DET 105

Content

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



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board

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.

SWISSPEARL Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

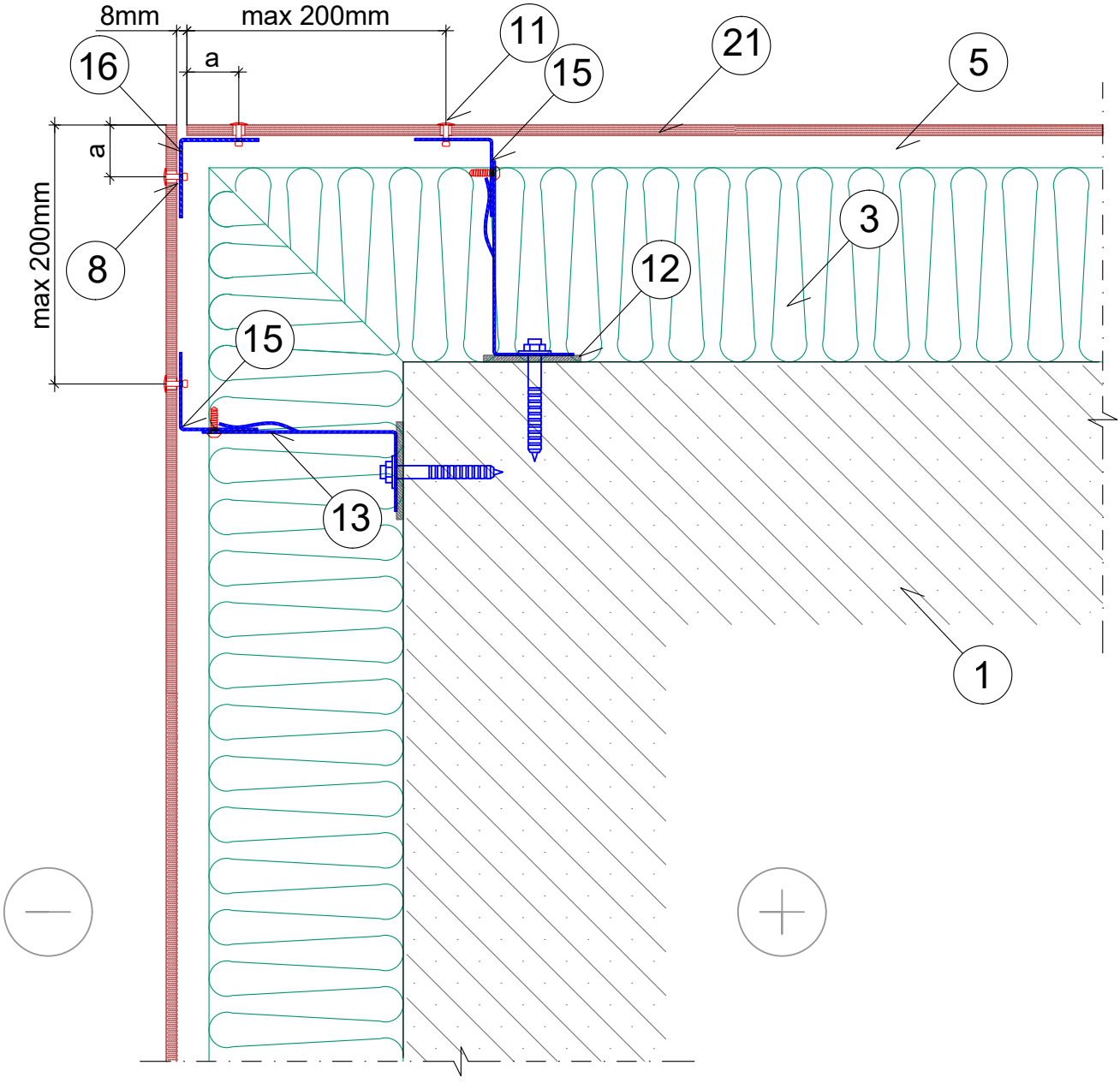
Date
2026 m.

Drawn by

DET 106

Content

Swisspearl facade board
Ventilated facade system
Aluminium frame. Horizontal cross section. External corner



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
11. Rivet 4,0x20/K15 for aluminium sub-constructior
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
16. Aluminium profile 60x60mm
21. Swisspearl facade board
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.

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

Date
2026 m.

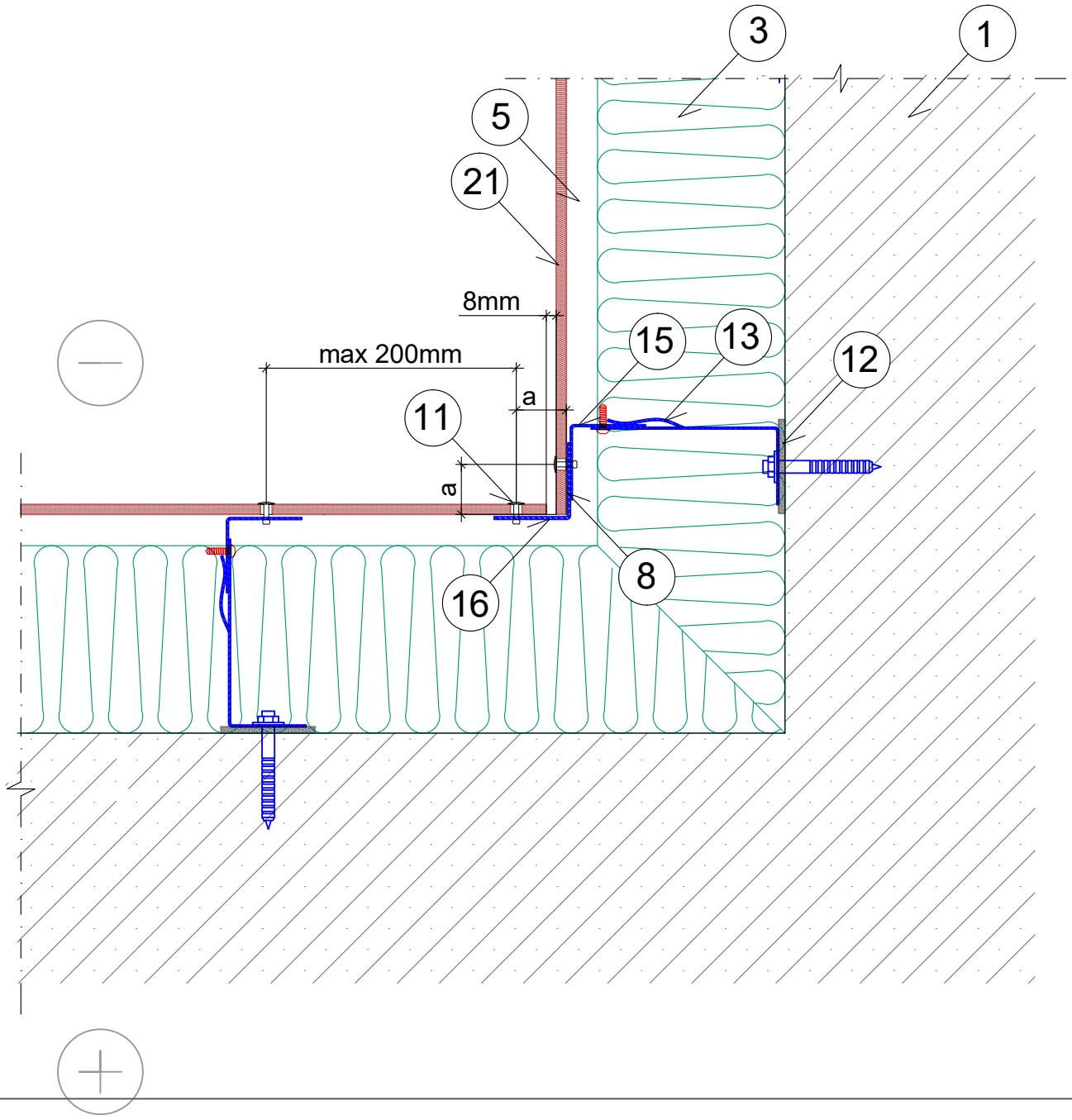
Drawn by

DET 108

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

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
16. Aluminium profile 60x60mm
21. Swisspearl facade board
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.

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

Date
2026 m.

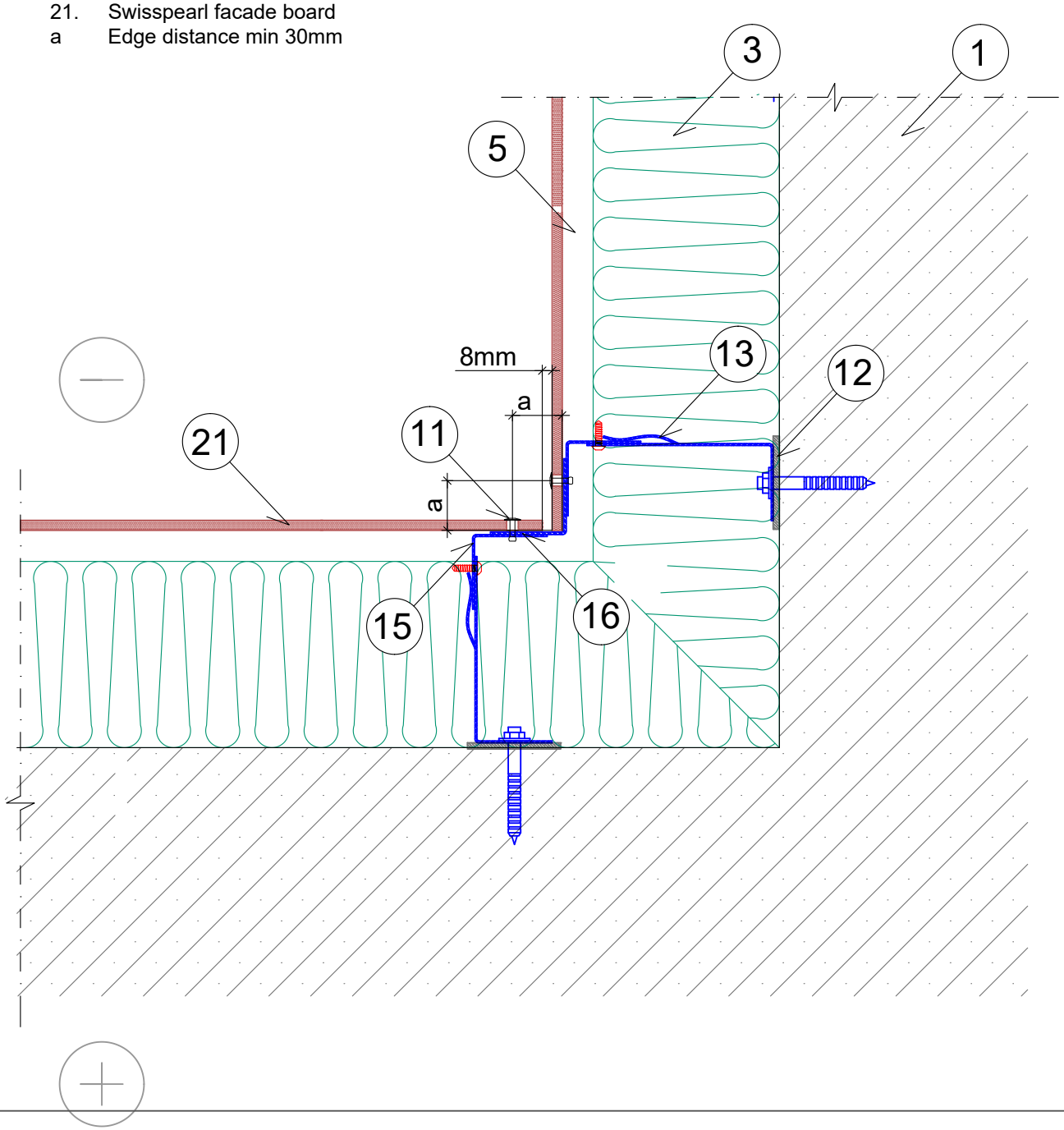
Drawn by

DET 109

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

1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
16. Aluminium profile 60x60mm
21. Swisspearl facade board
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.

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

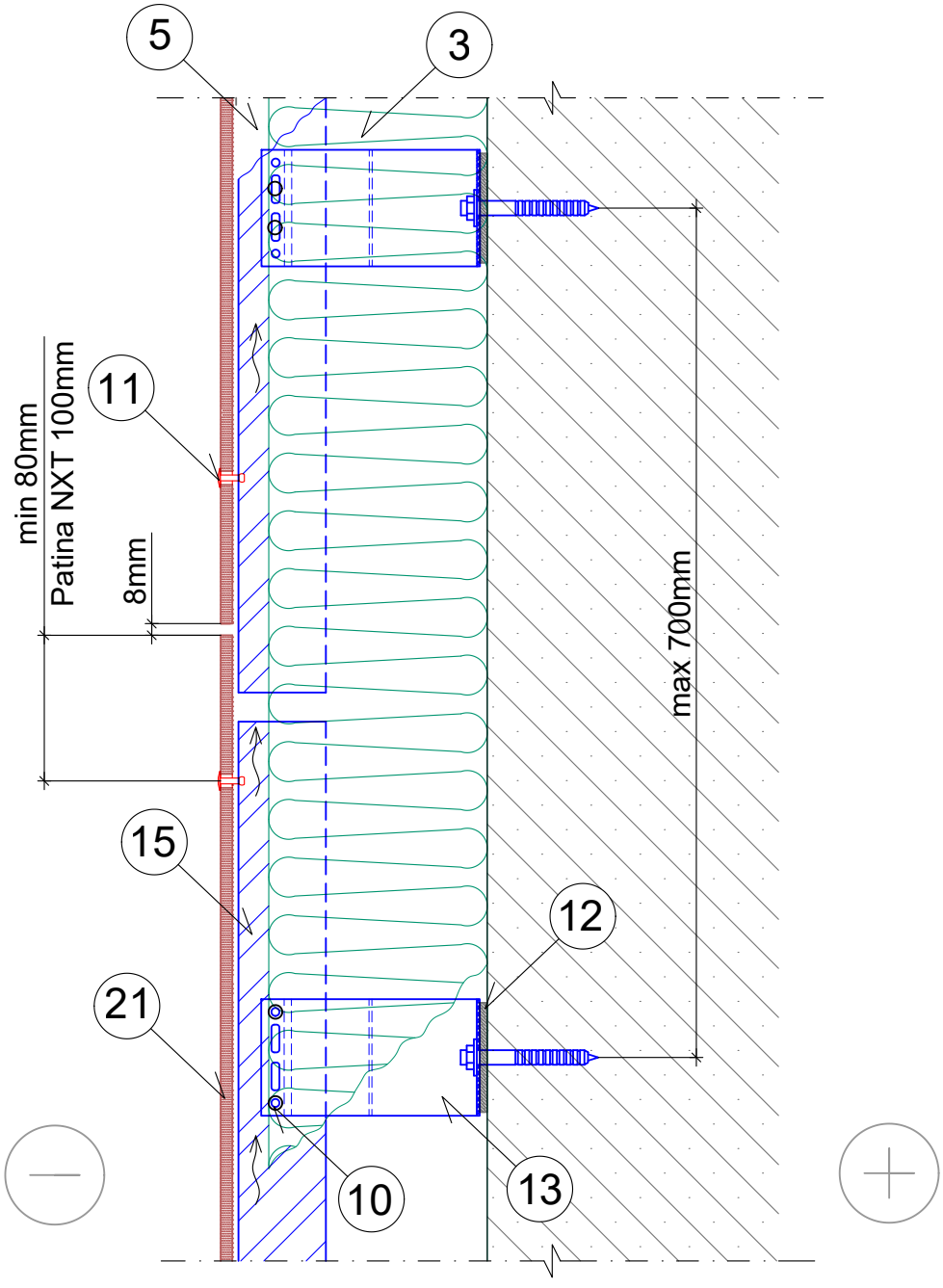
Date
2026 m.

Drawn by

DET 110

Content

Swisspearl facade board
Ventilated facade system
Aluminium 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

10. Profile to bracket connection

11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

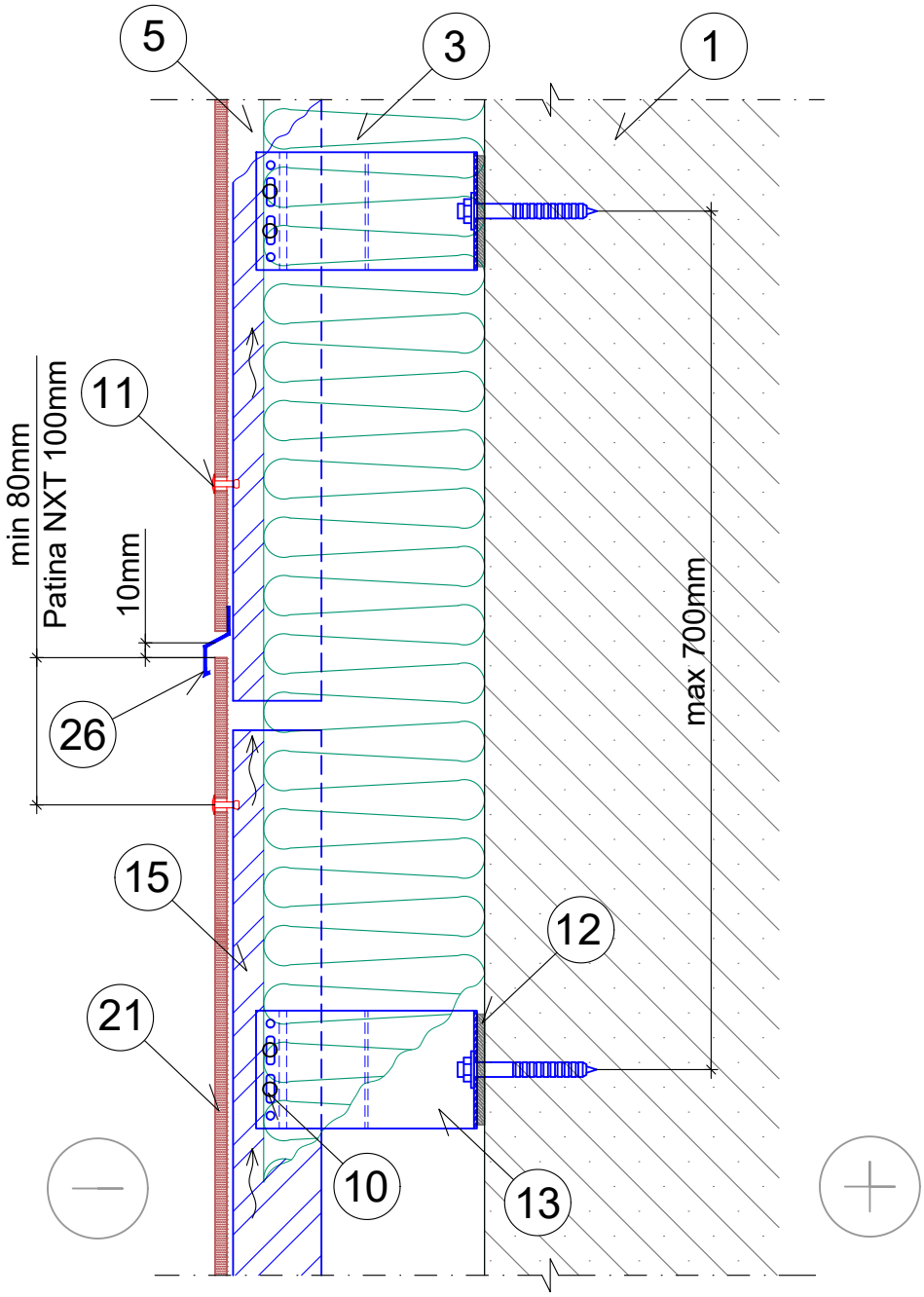
Date
2026 m.

Drawn by

DET 111

Content

Swisspearl facade board
Ventilated facade system
Aluminium 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

10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
26. Window reveal finishing

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

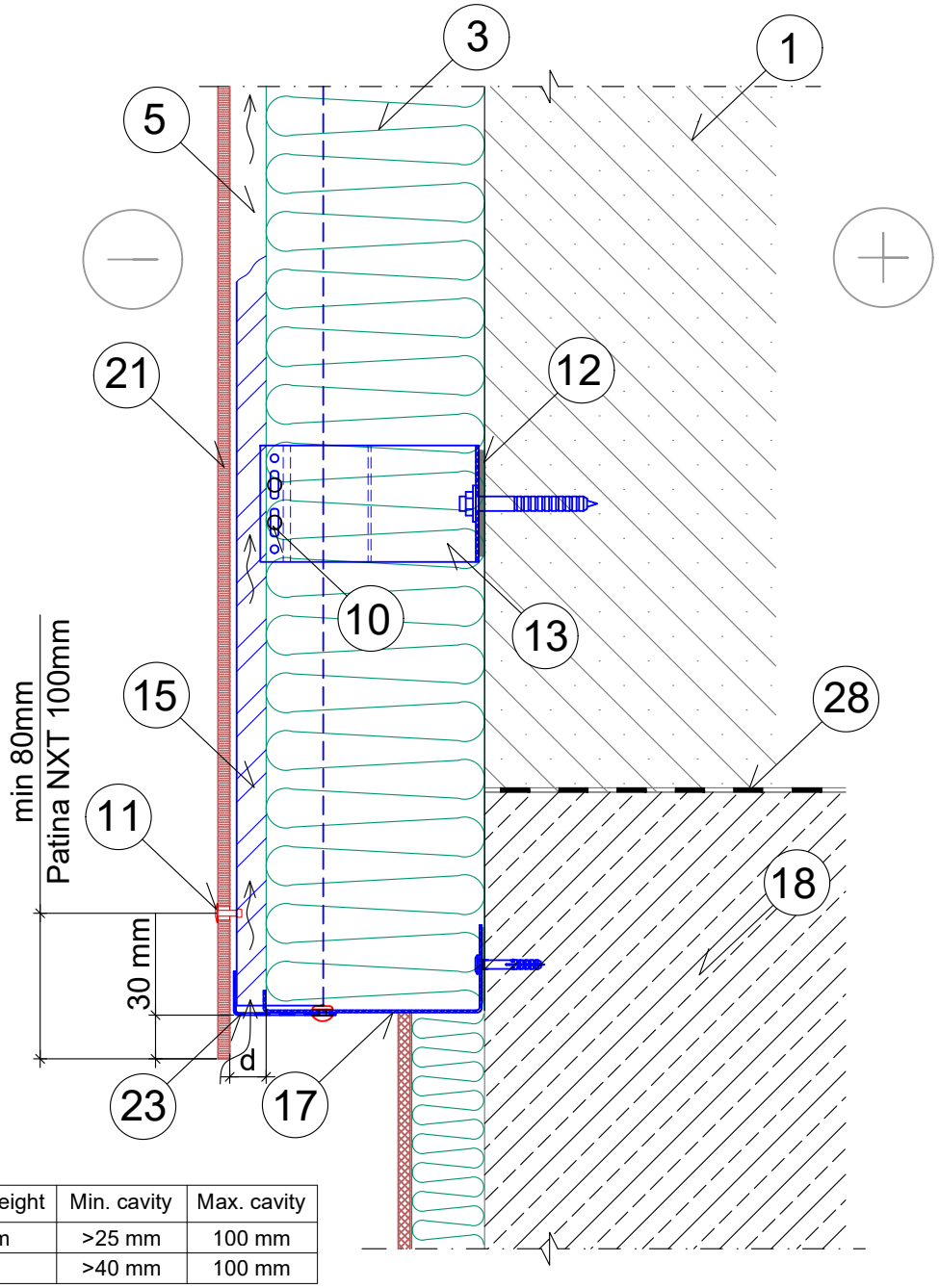
Date
2026 m.

Drawn by

DET 112

Content

Swisspearl facade board
Ventilated facade system
Aluminium 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
10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
17. Socle aluminium profile (must be chosen according to the thickness of the insulation)
18. Foundation
21. Swisspearl facade board
23. Ventilation profile (insect grating)
28. Waterproofing
d Ventilation inlet/ outlet min 200cm²/m

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

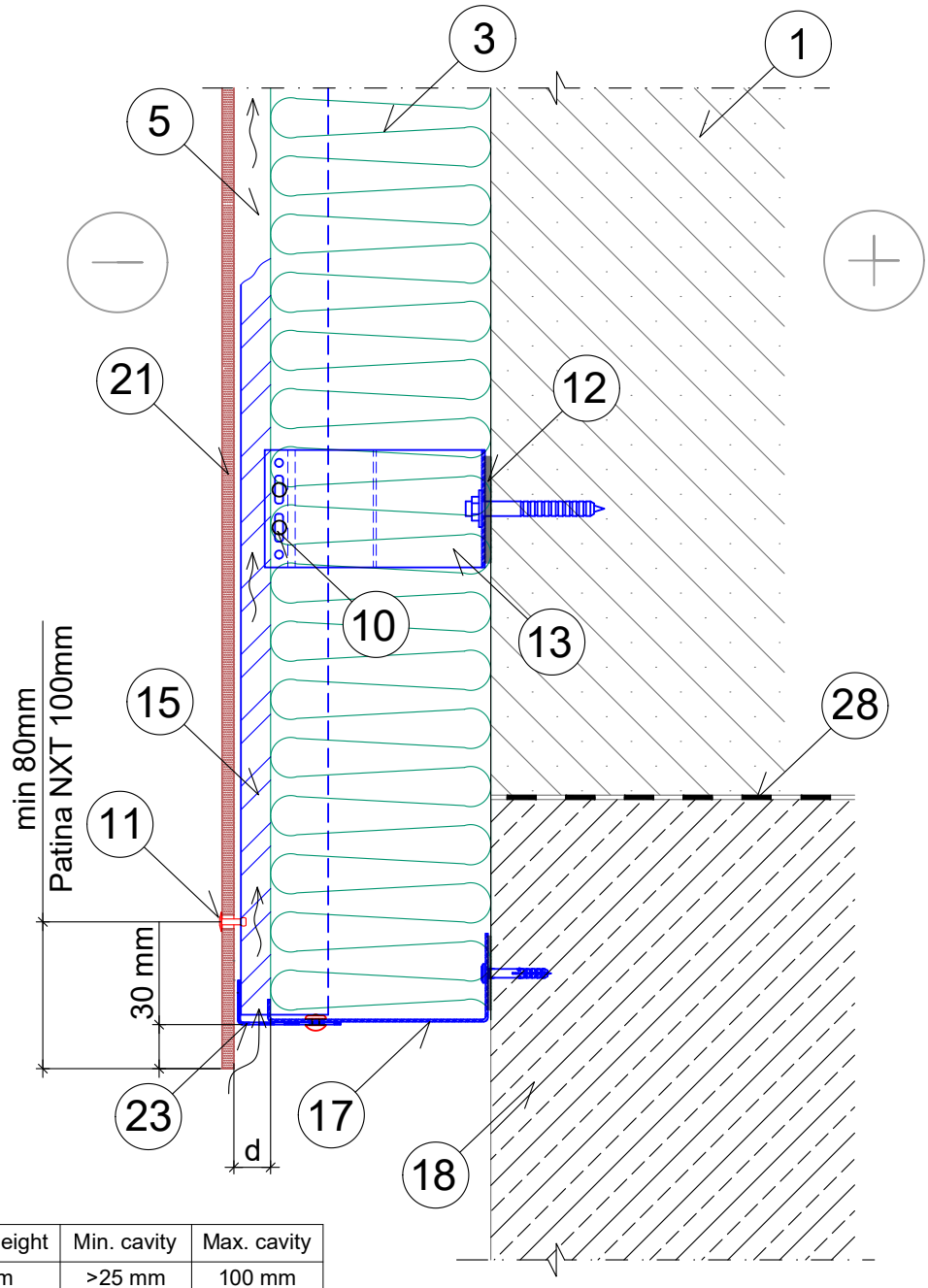
Date
2026 m.

Drawn by

DET 113

Content

Swisspearl facade board
Ventilated facade system
Aluminium 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

10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket

15. L-aluminium profile vertical
17. Socle aluminium profile (must be chosen according to the thickness of the insulation)
18. Foundation
21. Swisspearl facade board
23. Ventilation profile (insect grating)
28. Waterproofing
d Ventilation inlet/ outlet min 200cm²/m

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

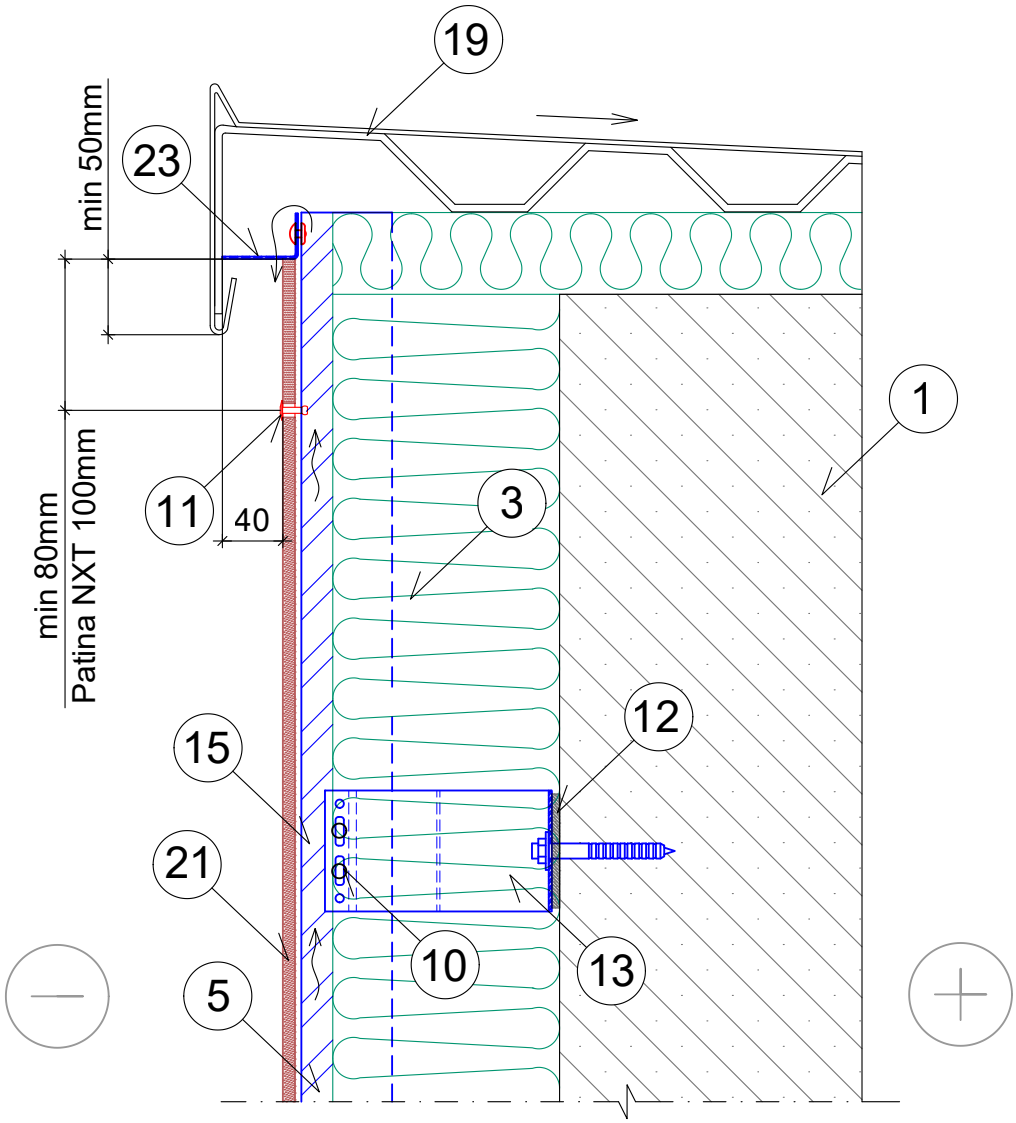
Date
2026 m.

Drawn by

DET 114

Content

Swisspearl facade board
Ventilated facade system
Aluminium 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
10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
19. Roof
21. Swisspearl facade board
23. Ventilation profile (insect grating)

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

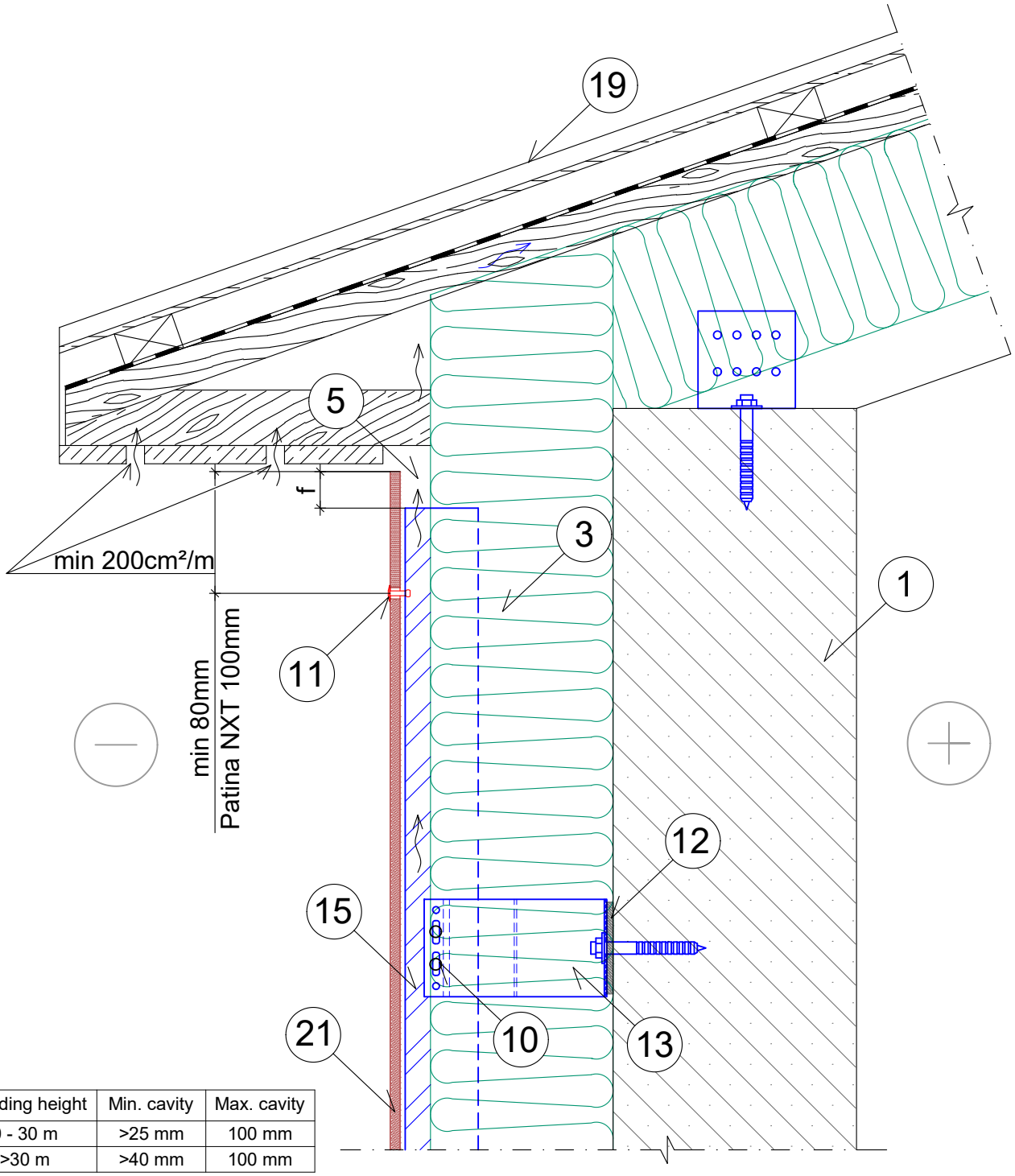
Date
2026 m.

Drawn by

DET 115

Content

Swisspearl facade board
Ventilated facade system
Aluminium frame. Vertical cross section. Roof



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
10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
14. L-aluminium profile vertical
19. Roof
21. Swisspearl facade board
f Overhang approx. 30mm

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

SWISSPEARL Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

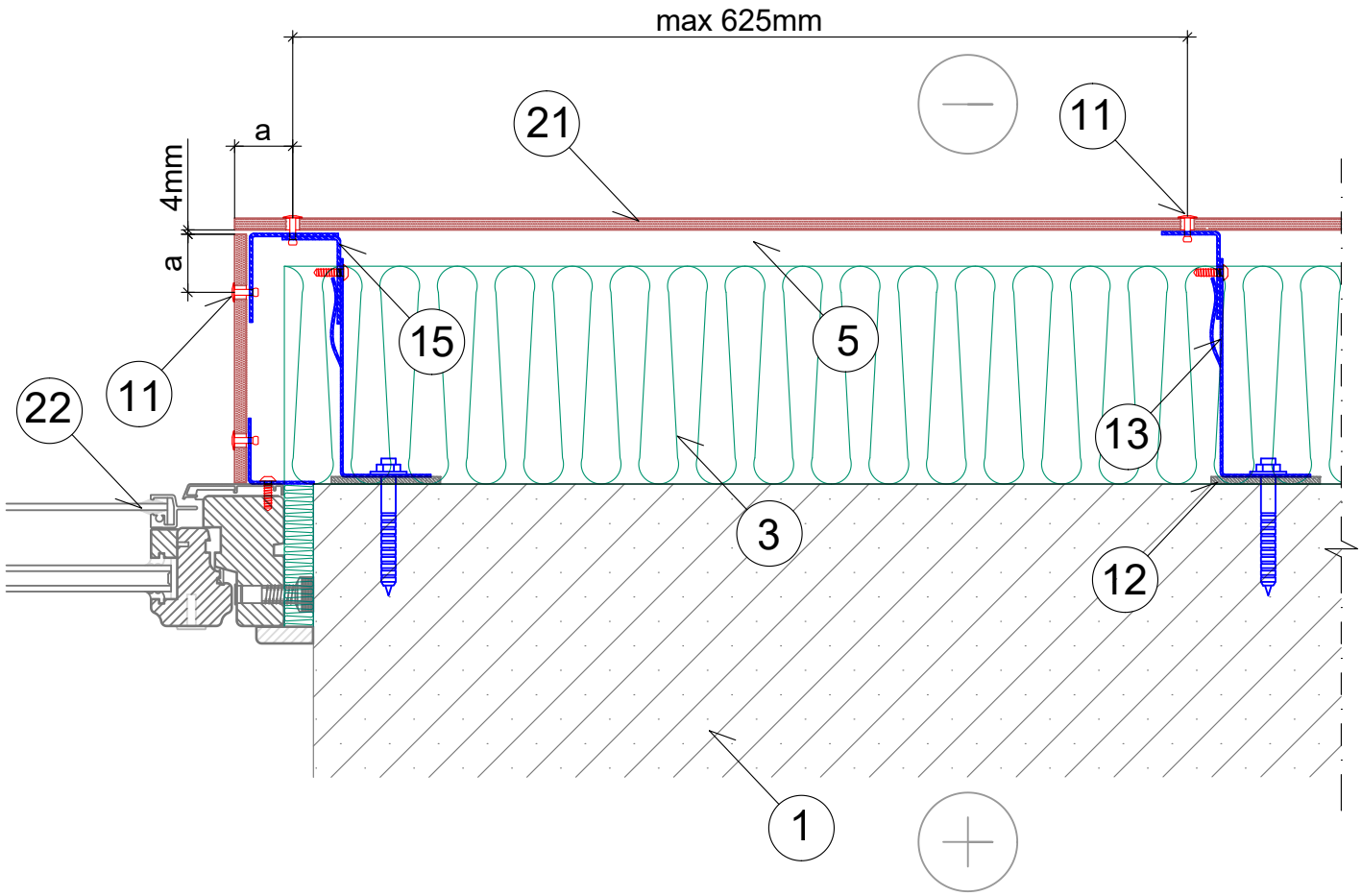
Date
2026 m.

Drawn by

DET 116

Content

Swisspearl facade board
Ventilated facade system
Aluminium frame. Horizontal cross section. Window reveal



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
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.

SWISSPEARL Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

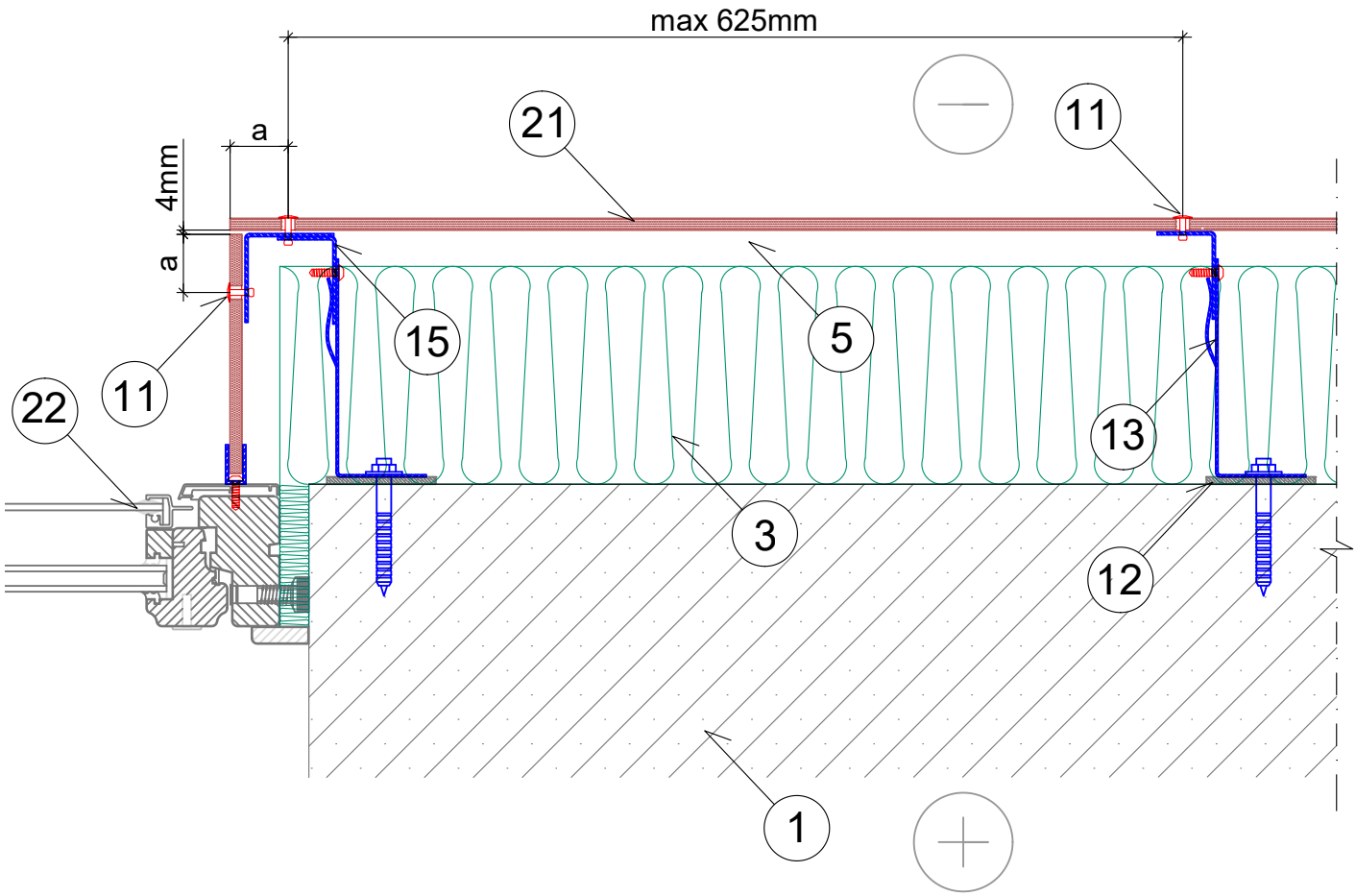
Date
2026 m.

Drawn by

DET 117

Content

Swisspearl facade board
Ventilated facade system
Aluminium frame. Horizontal cross section. Window reveal



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
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.

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

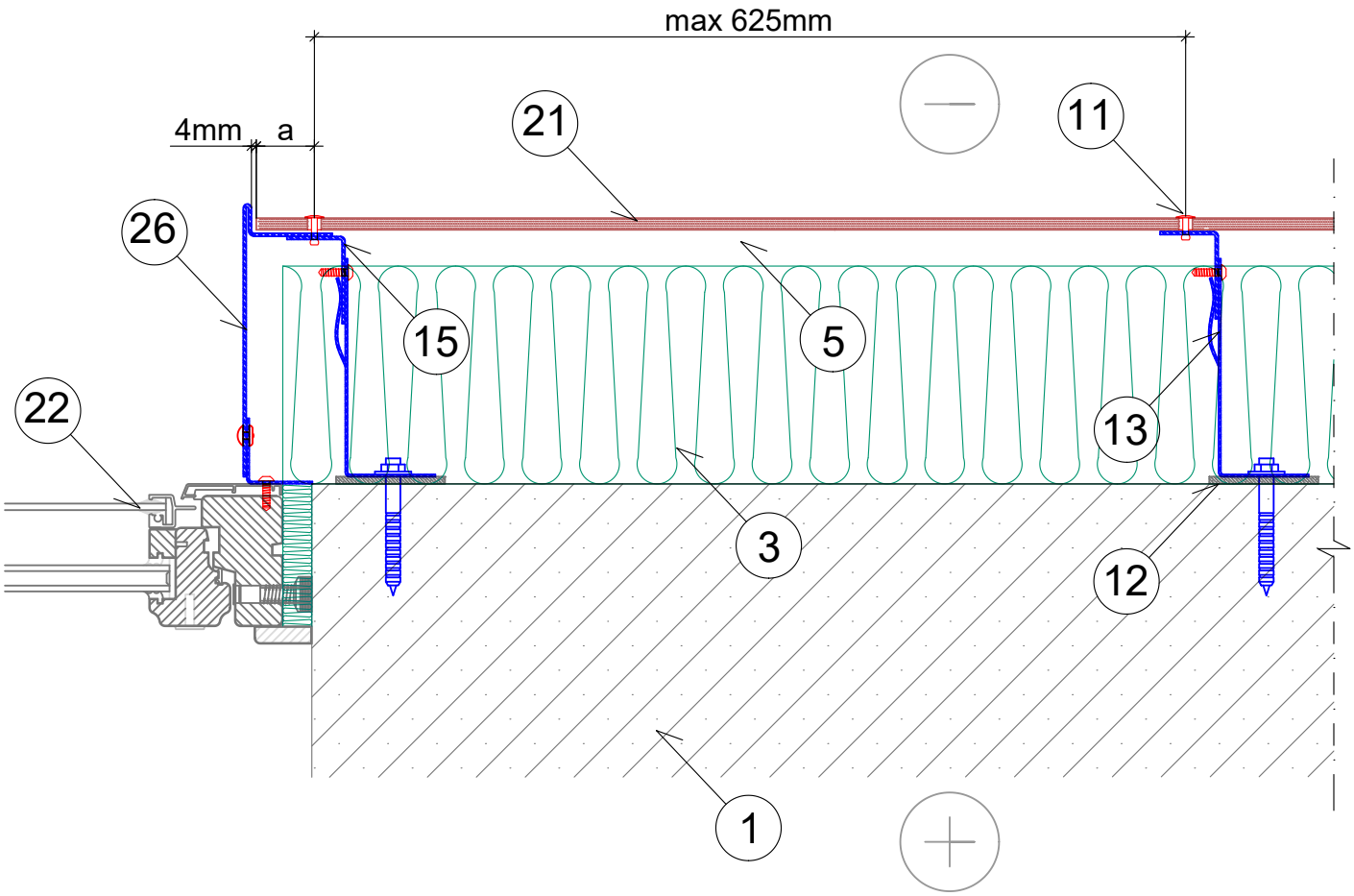
Date
2026 m.

Drawn by

DET 118

Content

Swisspearl facade board
Ventilated facade system
Aluminium frame. Horizontal cross section. Window reveal



1. Load bearing wall
3. Insulation with wind break
5. Air grap min 25mm
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
26. Window reveal finishing
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.

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

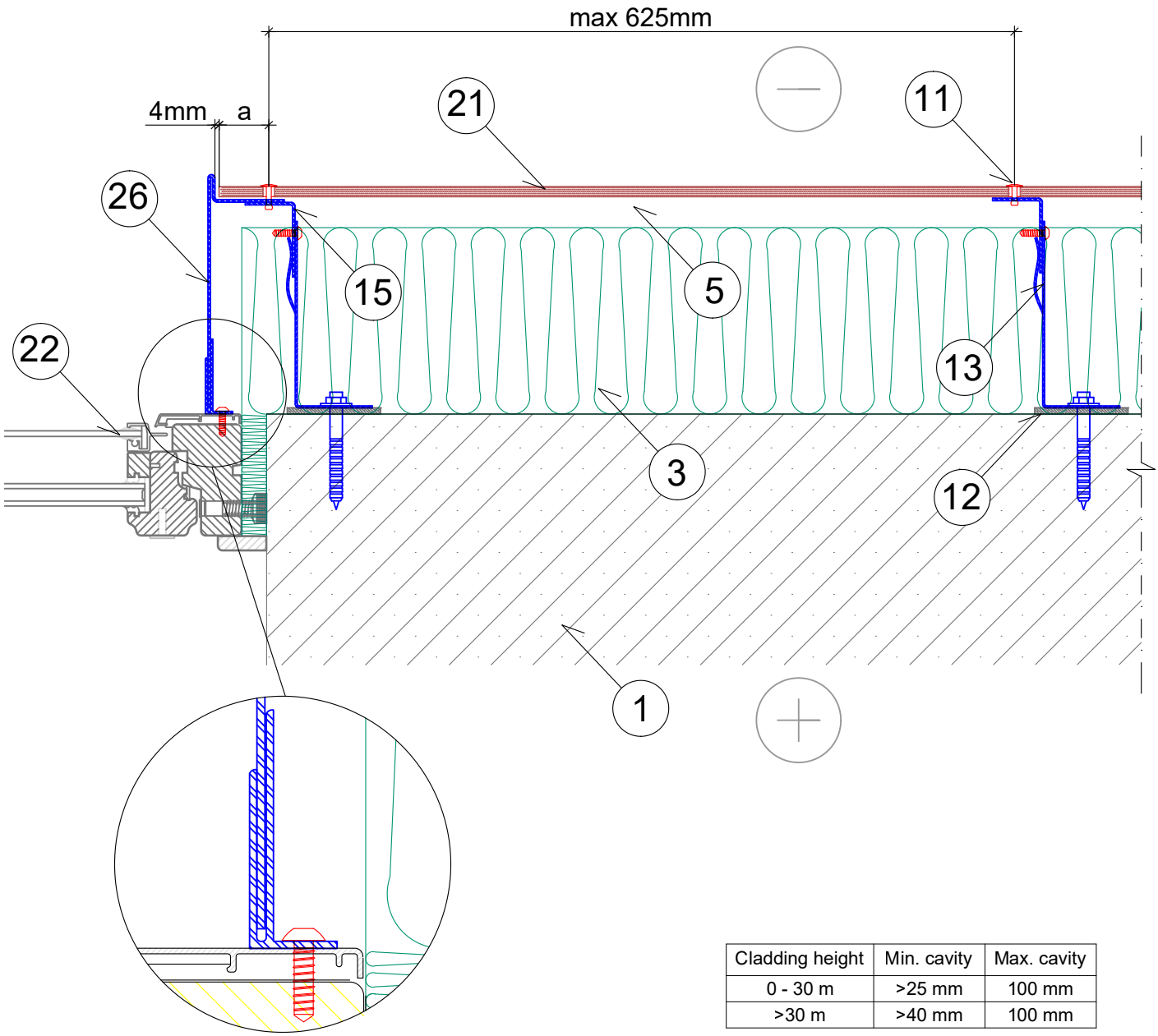
Date
2026 m.

Drawn by

DET 119

Content

Swisspearl facade board
Ventilated facade system
Aluminium frame. Horizontal cross section. Window reveal



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
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
26. Window reveal finishing
a Edge distance min 30mm

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

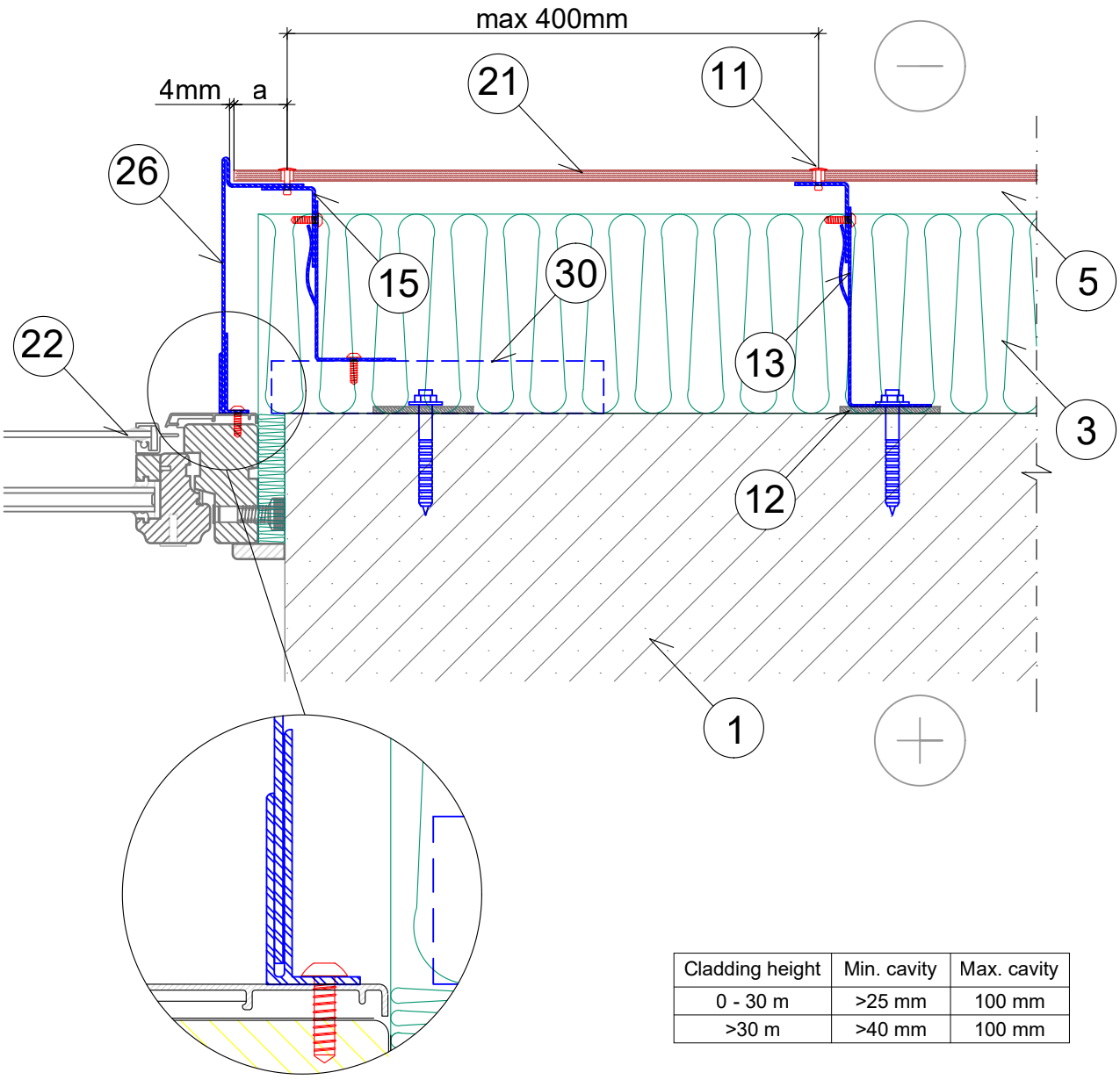
Date
2026 m.

Drawn by

DET 120

Content

Swisspearl facade board
Ventilated facade system
Aluminium frame. Horizontal cross section. Window reveal



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
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
26. Window reveal finishing
30. Additional aluminum sub-construction
a Edge distance min 30mm

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

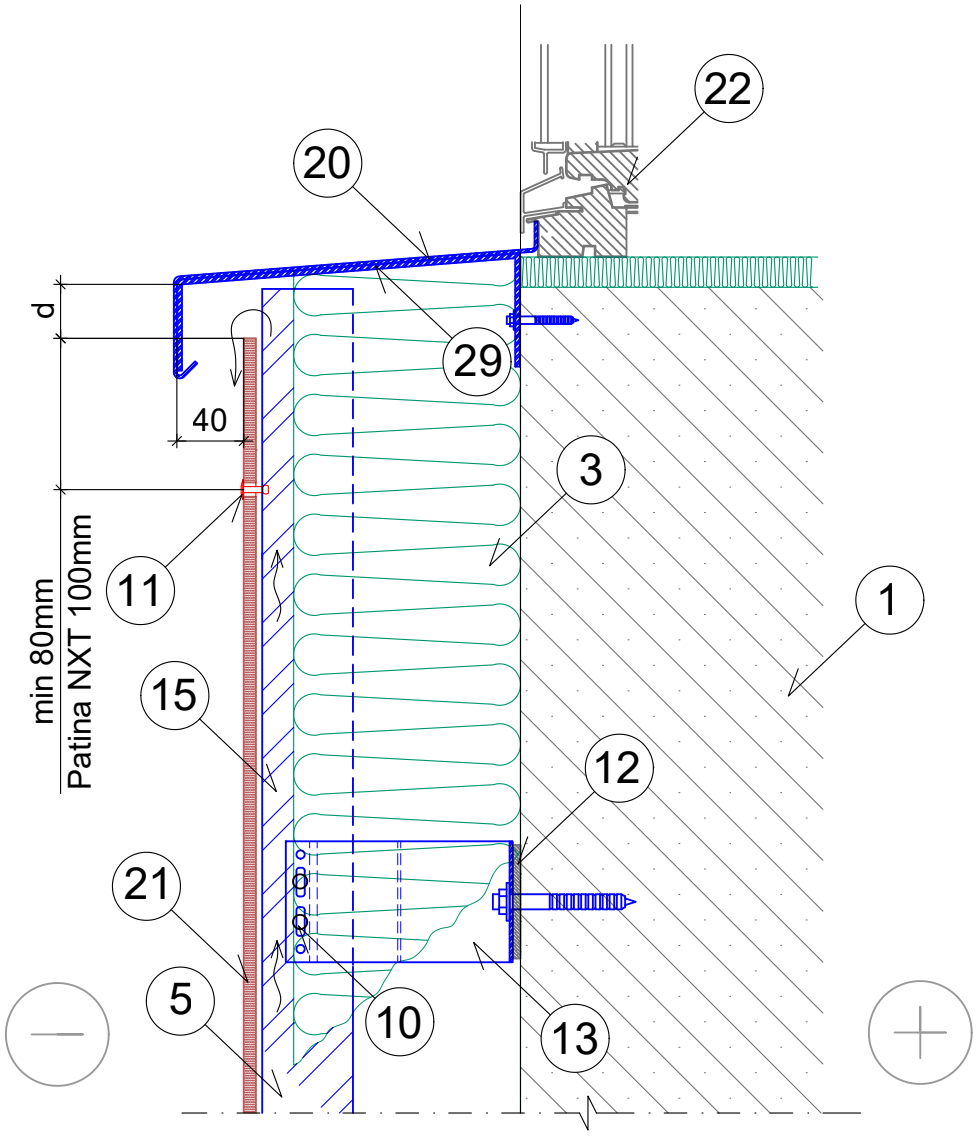
Date
2026 m.

Drawn by

DET 121

Content

Swisspearl facade board
Ventilated facade system
Aluminium 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

10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
20. Window sill
21. Swisspearl facade board
22. Window
29. Window sill mounting band
d Ventilation inlet/ outlet min 200cm²/m

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

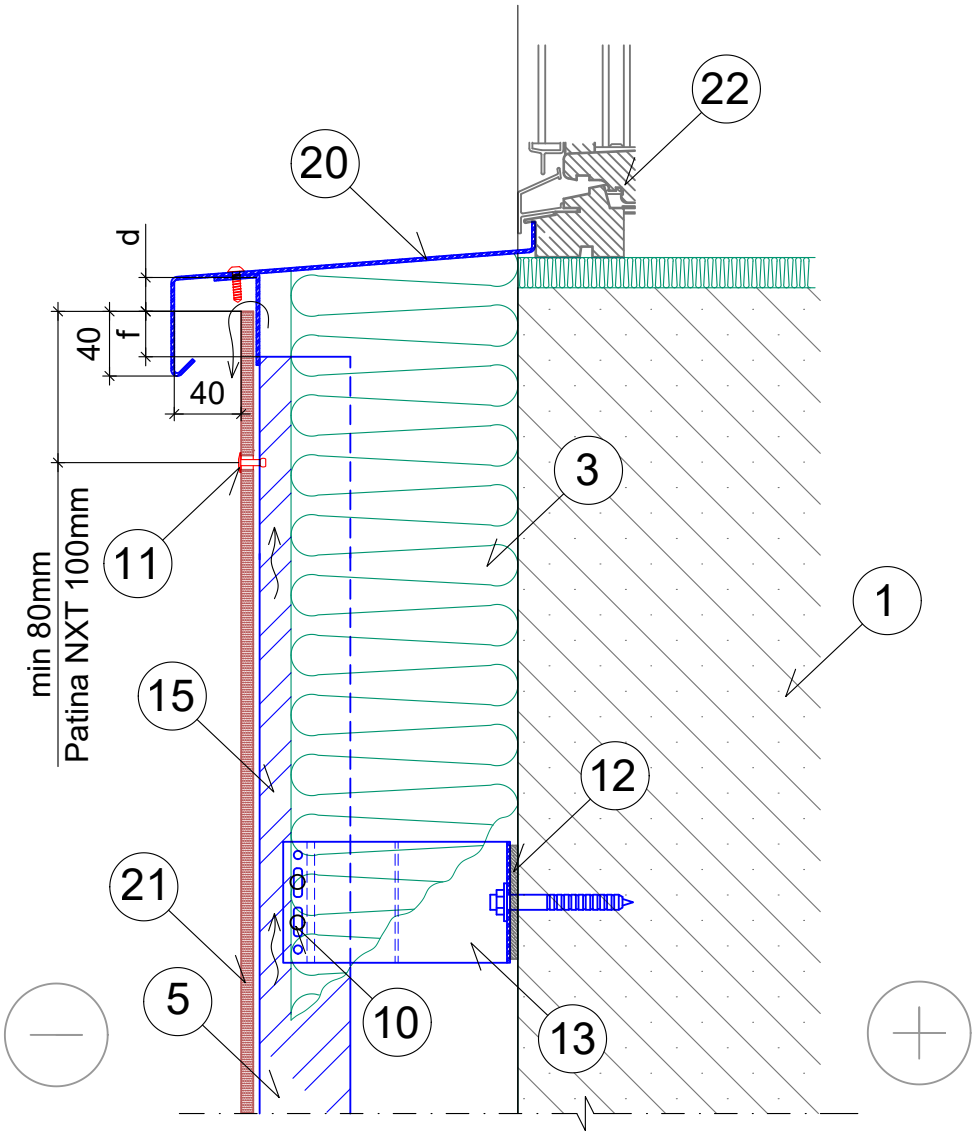
Date
2026 m.

Drawn by

DET 122

Content

Swisspearl facade board
Ventilated facade system
Aluminium 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
10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
20. Window sill
21. Swisspearl facade board
22. Window
d Ventilation inlet/ 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.

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

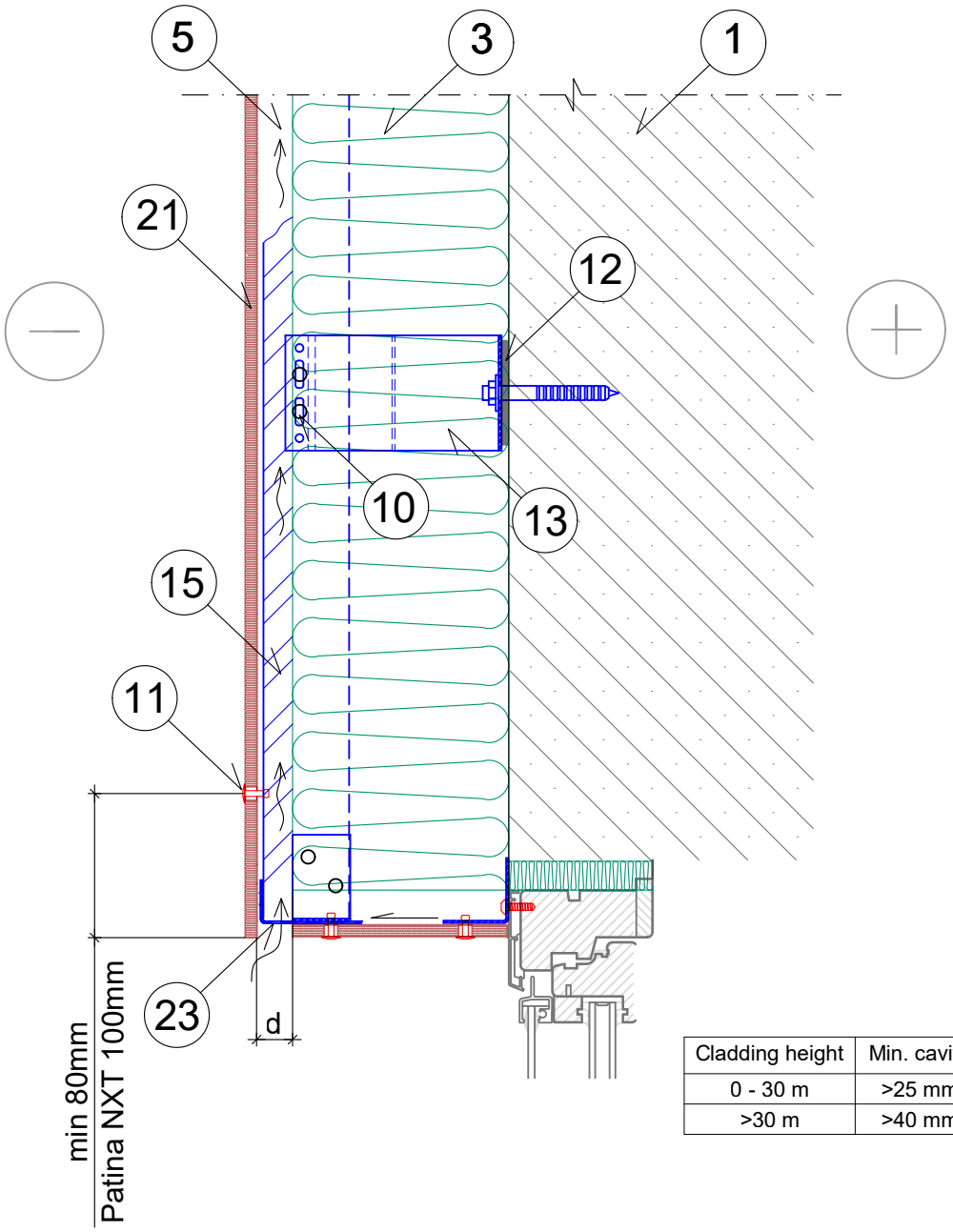
Date
2026 m.

Drawn by

DET 123

Content

Swisspearl facade board
Ventilated facade system
Aluminium frame. Vertical cross section. Window lintell



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
10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
23. Ventilation profile (insect grating)
d Ventilation inlet/ outlet min 200cm²/m

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

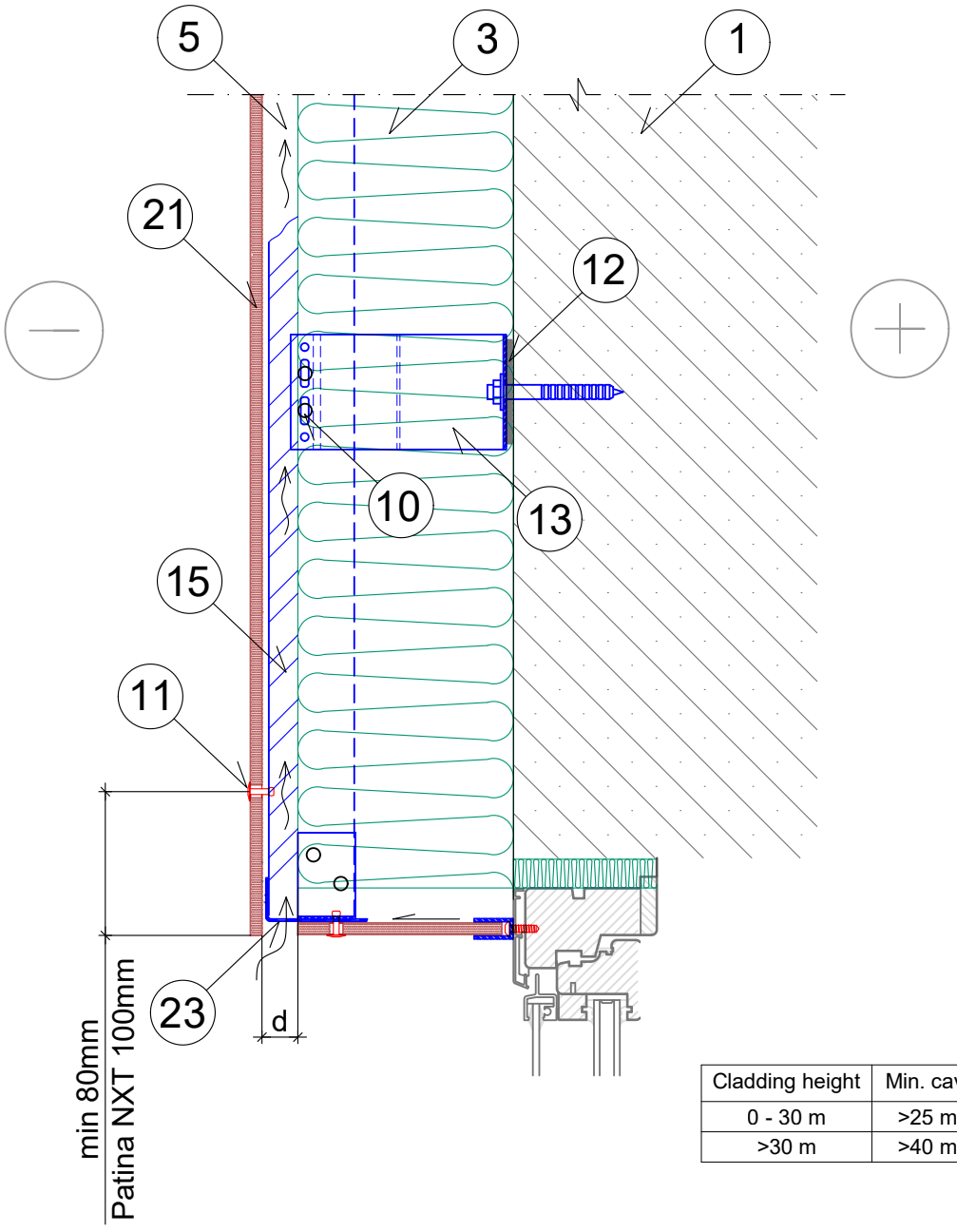
Date
2026 m.

Drawn by

DET 124

Content

Swisspearl facade board
Ventilated facade system
Aluminium frame. Vertical cross section. Window lintell



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

10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
23. Ventilation profile (insect grating)
d Ventilation inlet/ outlet min 200cm²/m

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

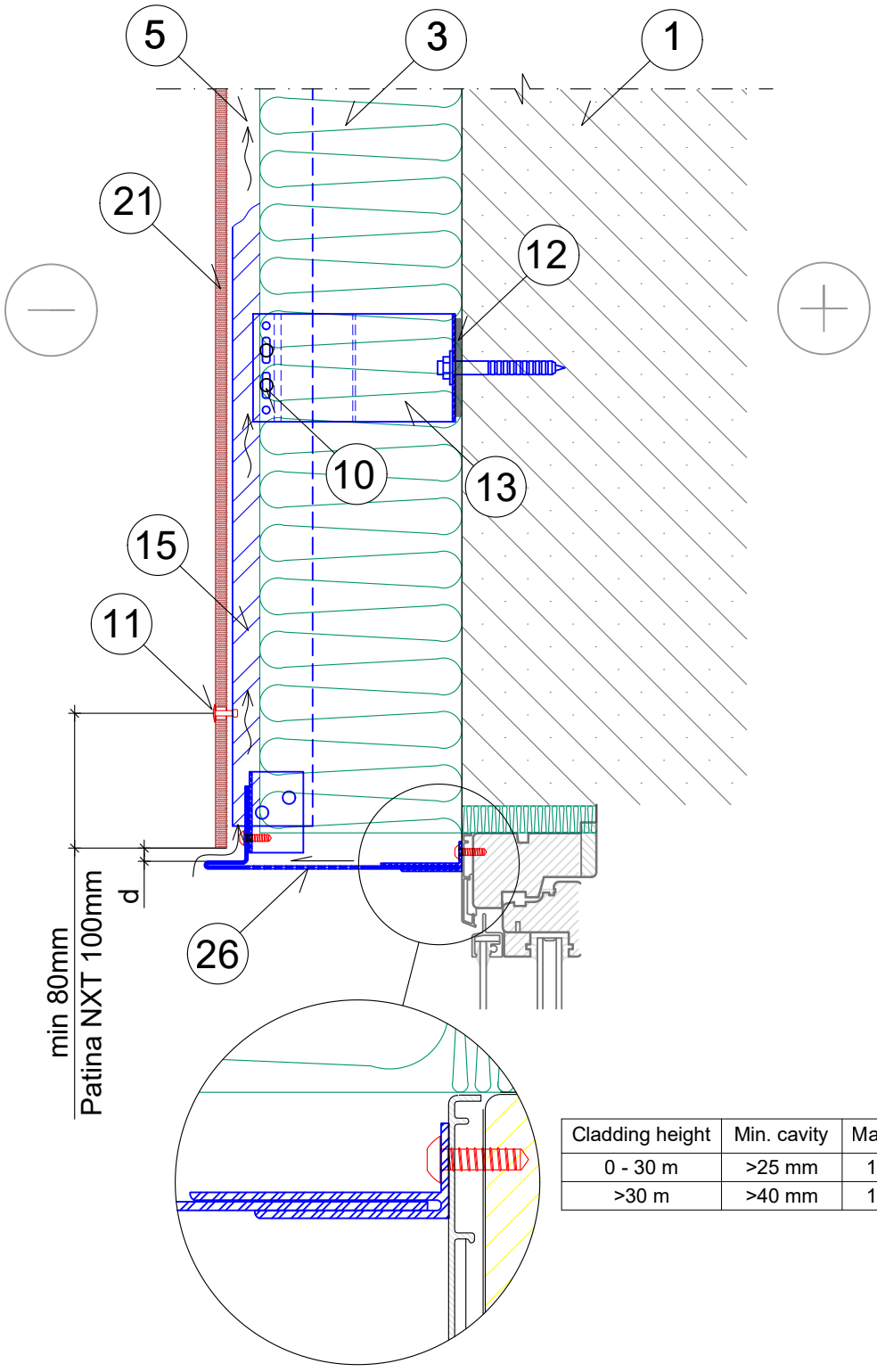
Work number
.

Date
2026 m.

Drawn by

DET 125

Content
Swisspearl facade board
Ventilated facade system
Aluminium frame. Vertical cross section. Window lintell



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
10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
26. Window reveal finishing
d Ventilation inlet/ outlet min 200cm²/m

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

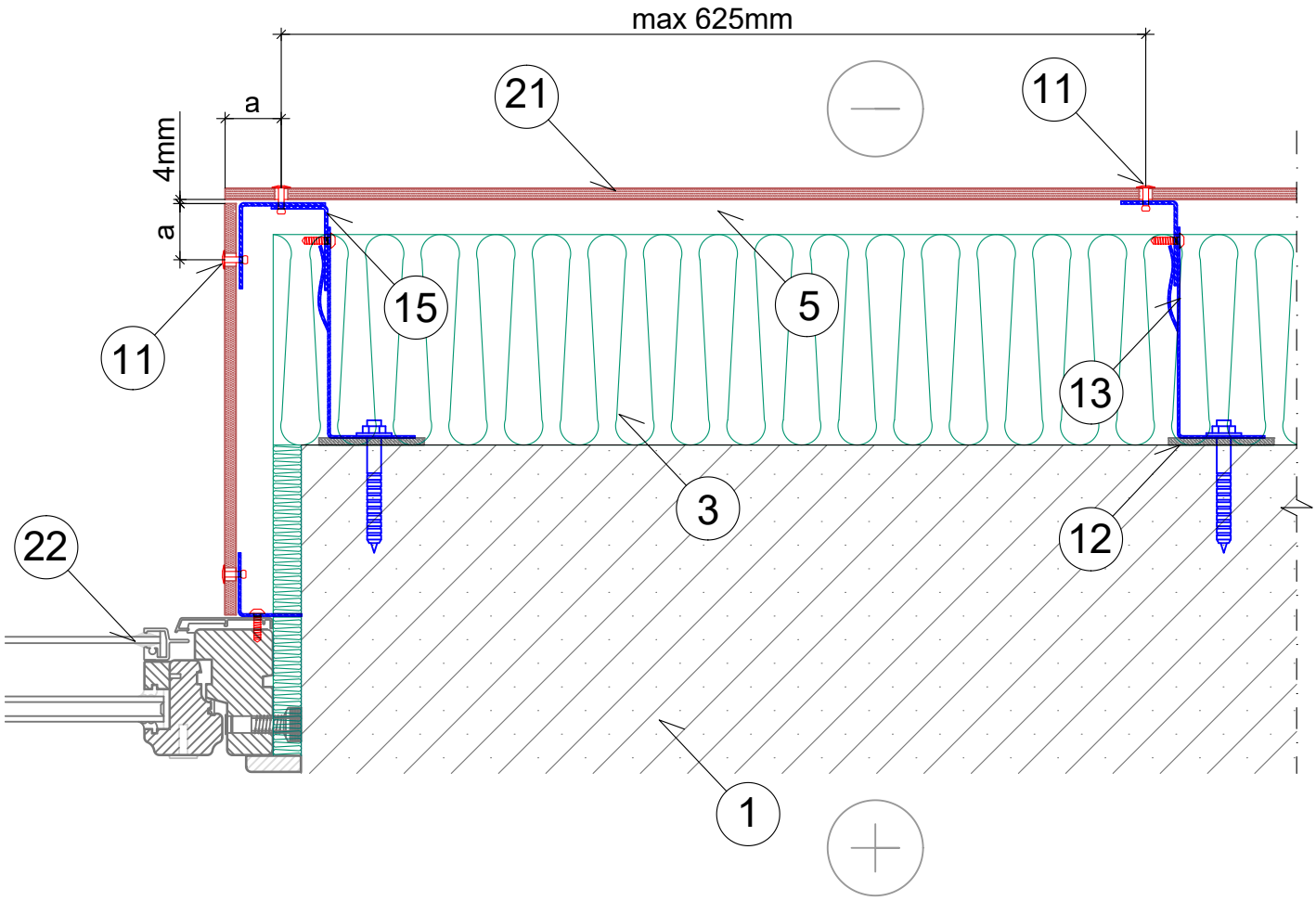
Date
2026 m.

Drawn by

DET 126

Content

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



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
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
a Edge distance min 30mm

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

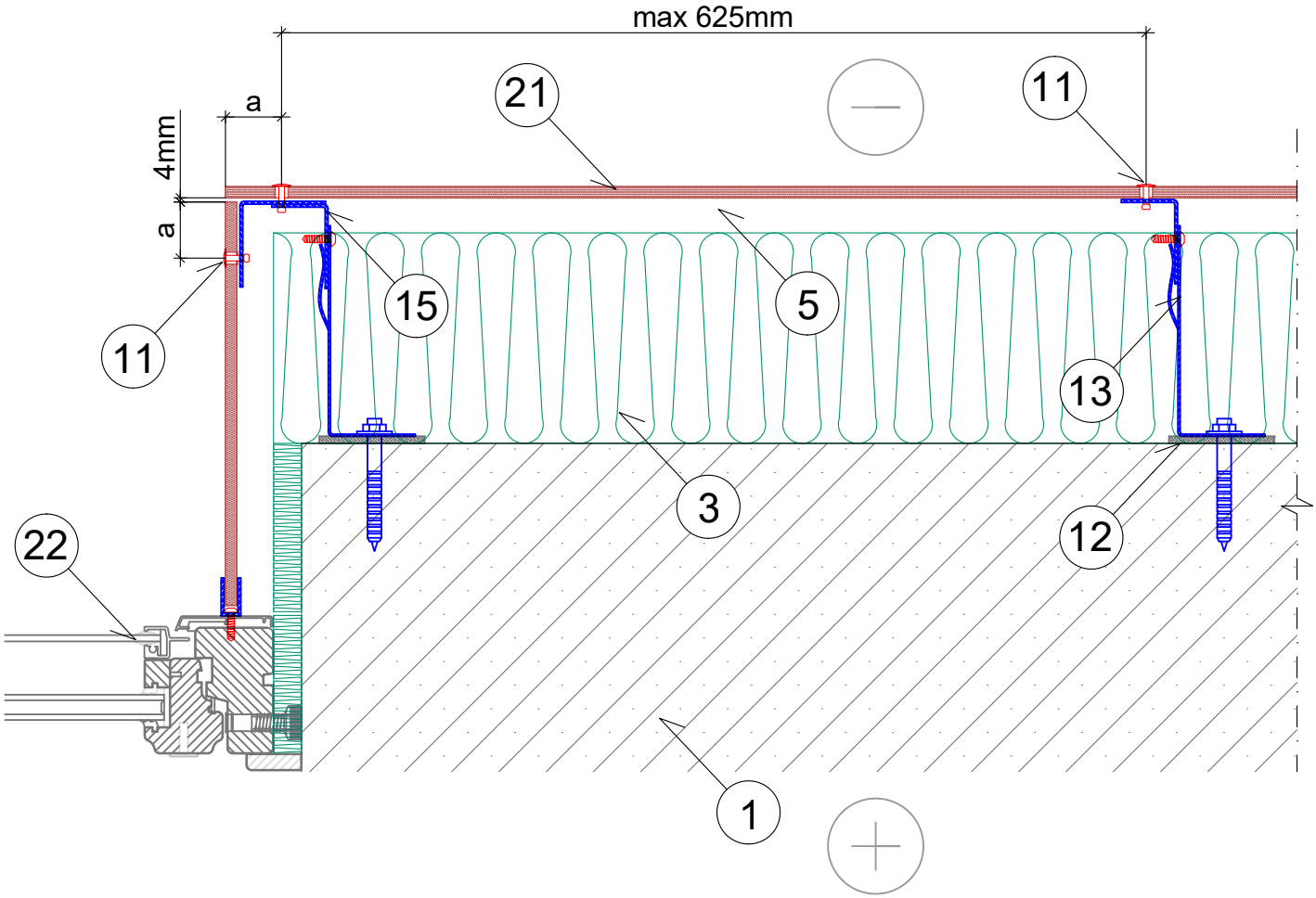
Date
2026 m.

Drawn by

DET 127

Content

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



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
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
a Edge distance min 30mm

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

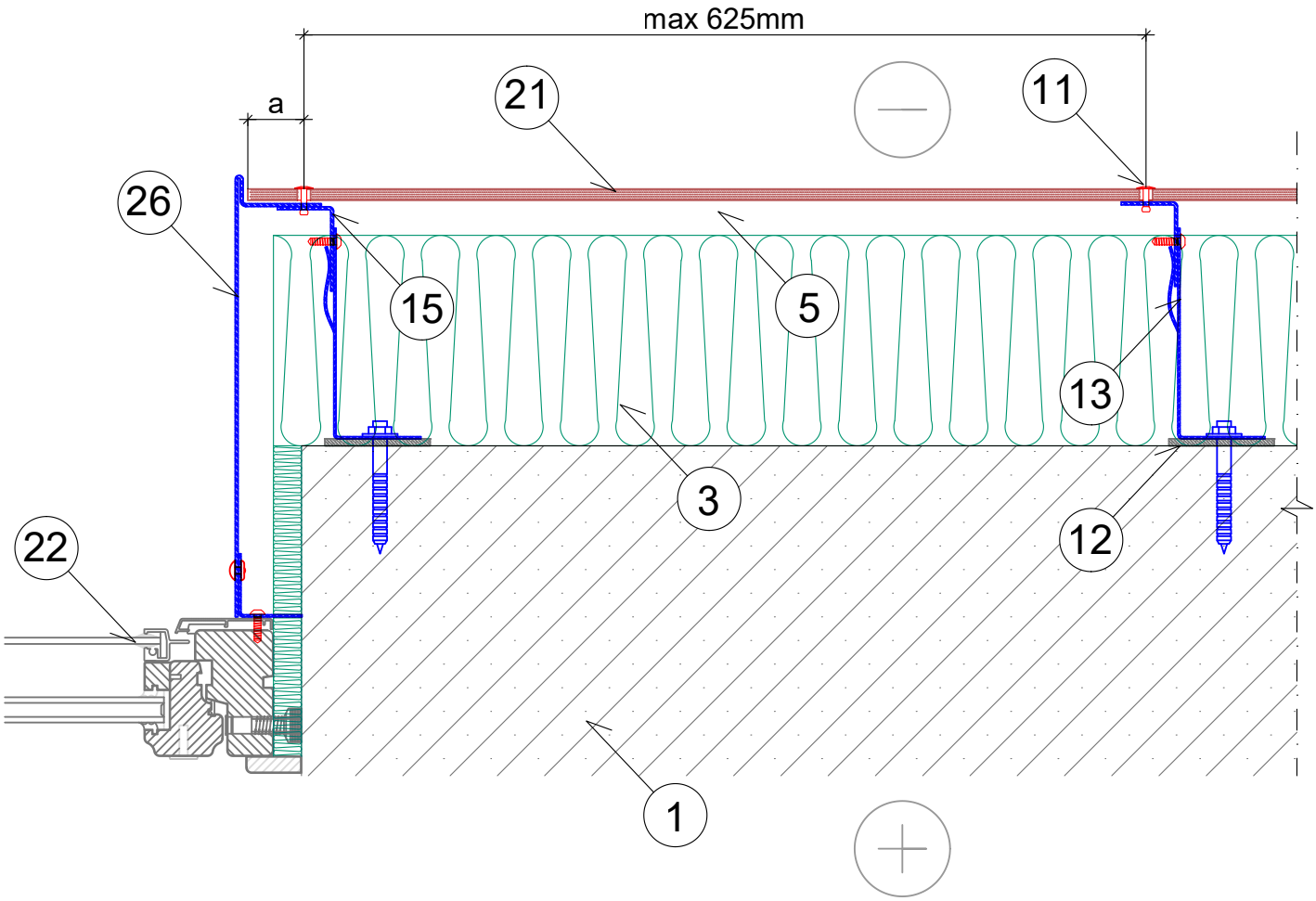
Date
2026 m.

Drawn by

DET 128

Content

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



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
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
26. Window reveal finishing
a Edge distance min 30mm

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

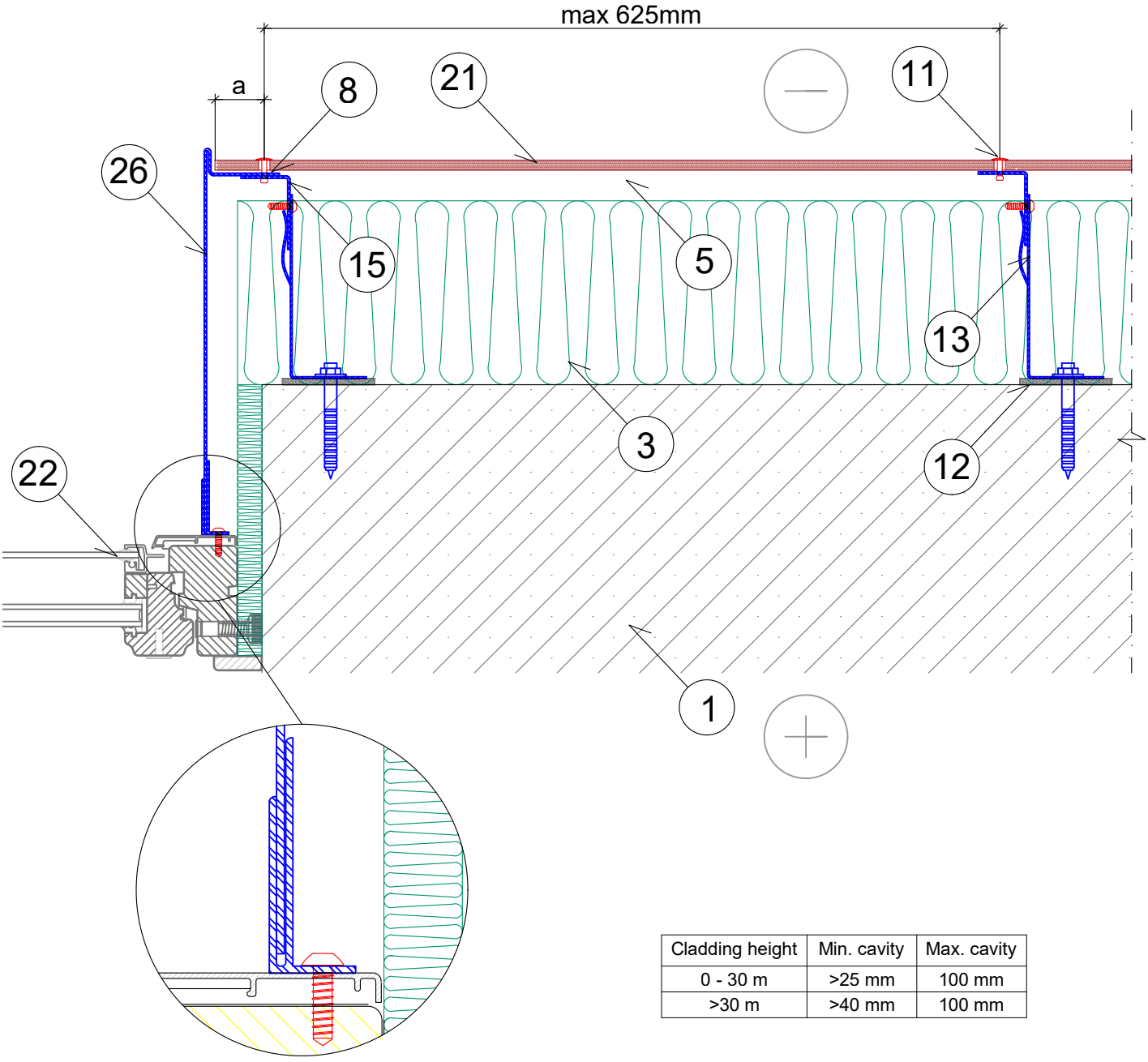
Date
2026 m.

Drawn by

DET 129

Content

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



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
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
26. Window reveal finishing
a Edge distance min 30mm

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

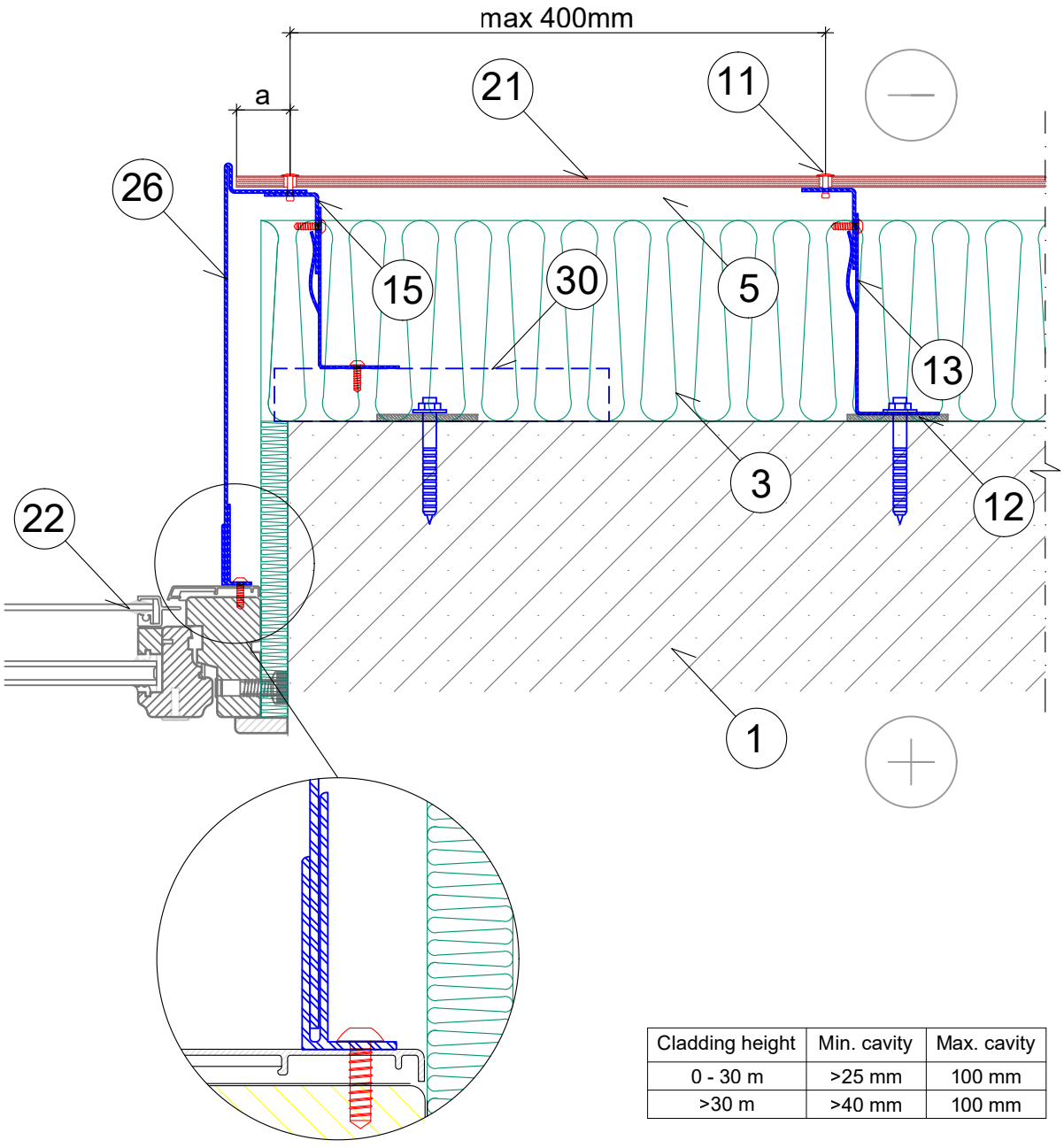
Date
2026 m.

Drawn by

DET 130

Content

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



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
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
26. Window reveal finishing
30. Additional aluminum sub-construction
a Edge distance min 30mm

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

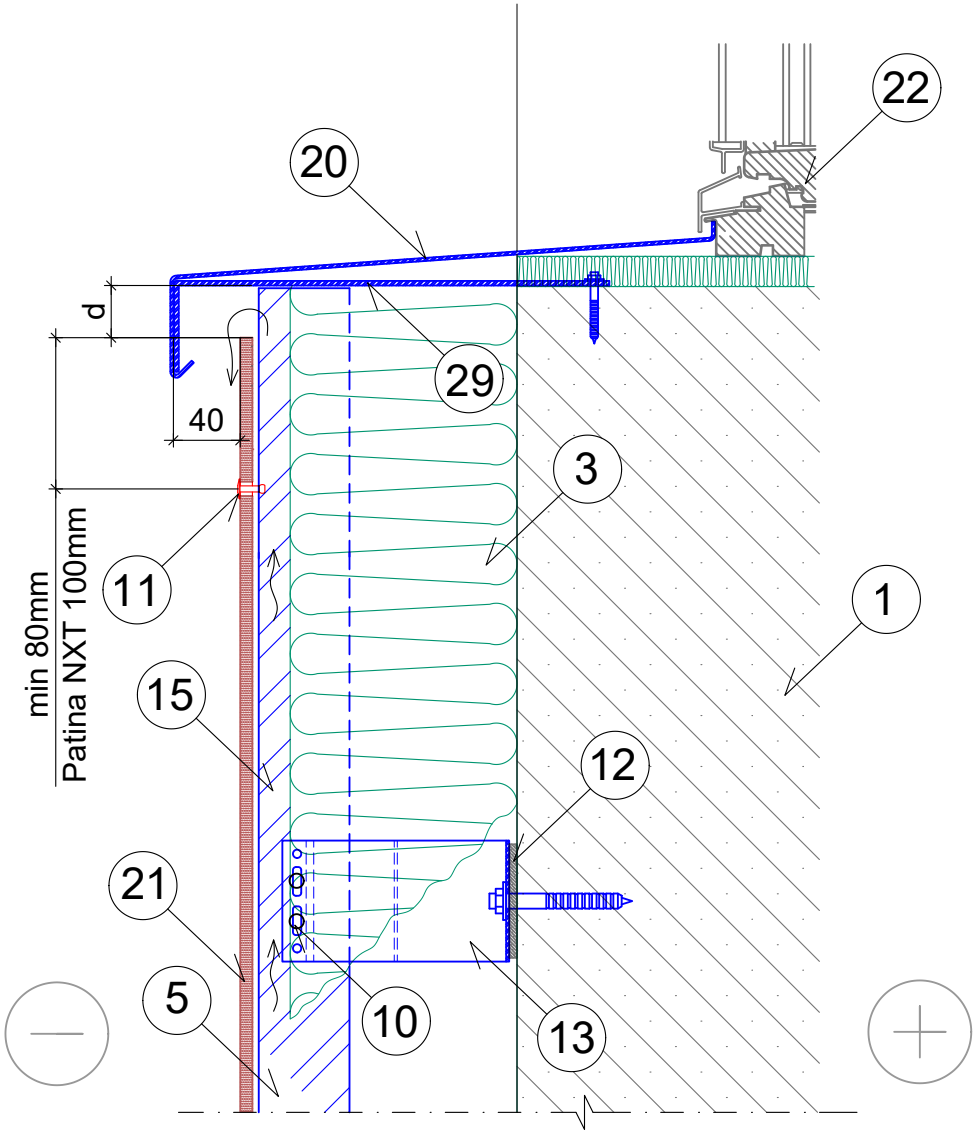
Date
2026 m.

Drawn by

DET 131

Content

Swisspearl facade board
Ventilated facade system. Renovation
Aluminium 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
10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
20. Window sill
21. Swisspearl facade board
22. Window
29. Window sill mounting band
d Ventilation inlet/ outlet min 200cm²/m

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

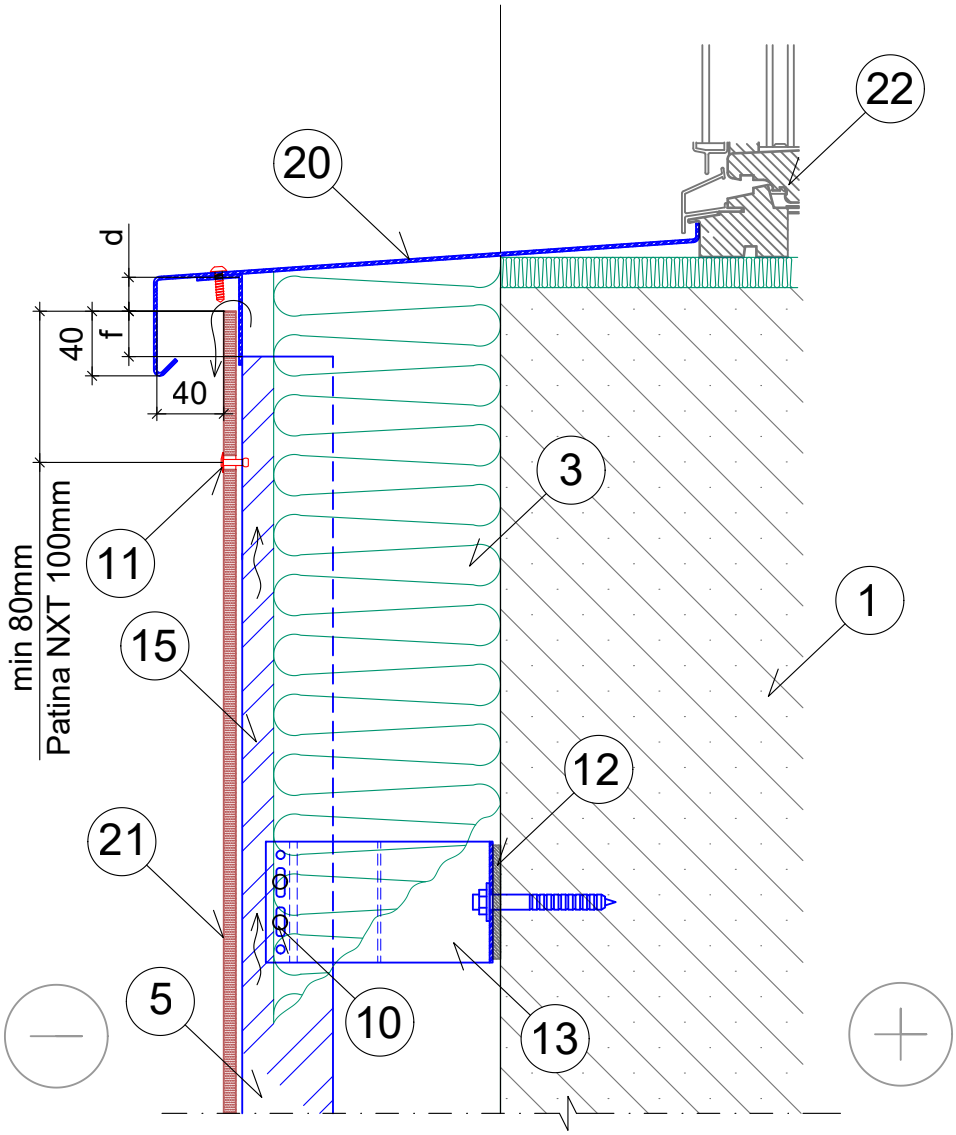
Date
2026 m.

Drawn by

DET 132

Content

Swisspearl facade board
Ventilated facade system. Renovation
Aluminium 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
10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
15. L-aluminium profile vertical
20. Window sill
21. Swisspearl facade board
22. Window
d Ventilation inlet/ 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.

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

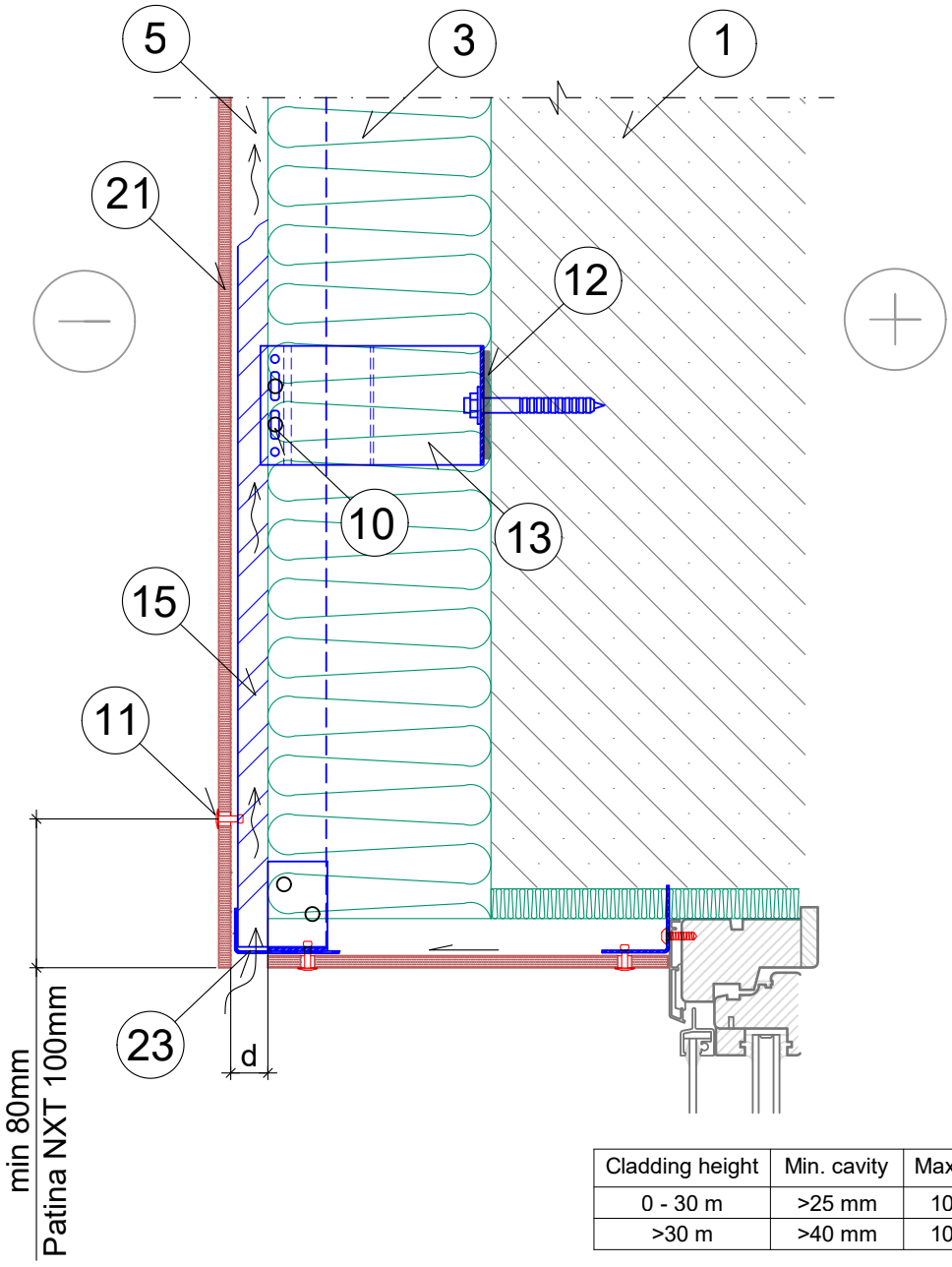
Date
2026 m.

Drawn by

DET 133

Content

Swisspearl facade board
Ventilated facade system. Renovation
Aluminium frame. Vertical cross section Window lintell



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
10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
23. Ventilation profile (insect grating)
d Ventilation inlet/ outlet min 200cm²/m

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

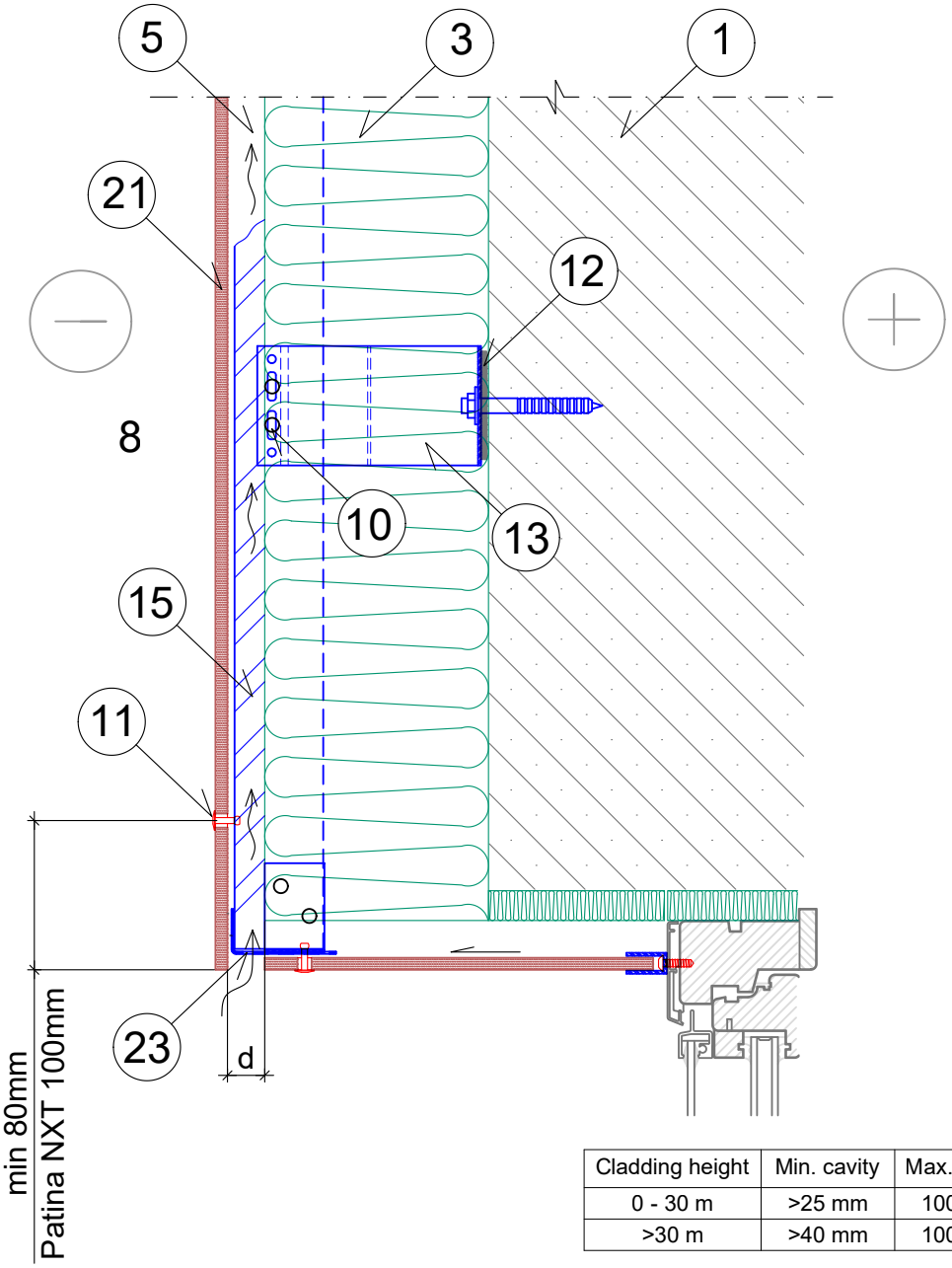
Date
2026 m.

Drawn by

DET 134

Content

Swisspearl facade board
Ventilated facade system. Renovation
Aluminium frame. Vertical cross section Window lintell



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
10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
23. Ventilation profile (insect grating)
d Ventilation inlet/ outlet min 200cm²/m

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

SWISSPEARL
Swisspearl Suomi Oy
P.O.BOX 46
FIN-08681 Lohja
Telephone: +358-19-287 61
Telefax: +358-19-2876 451
Internet: www.swisspearl.com

Work number
.

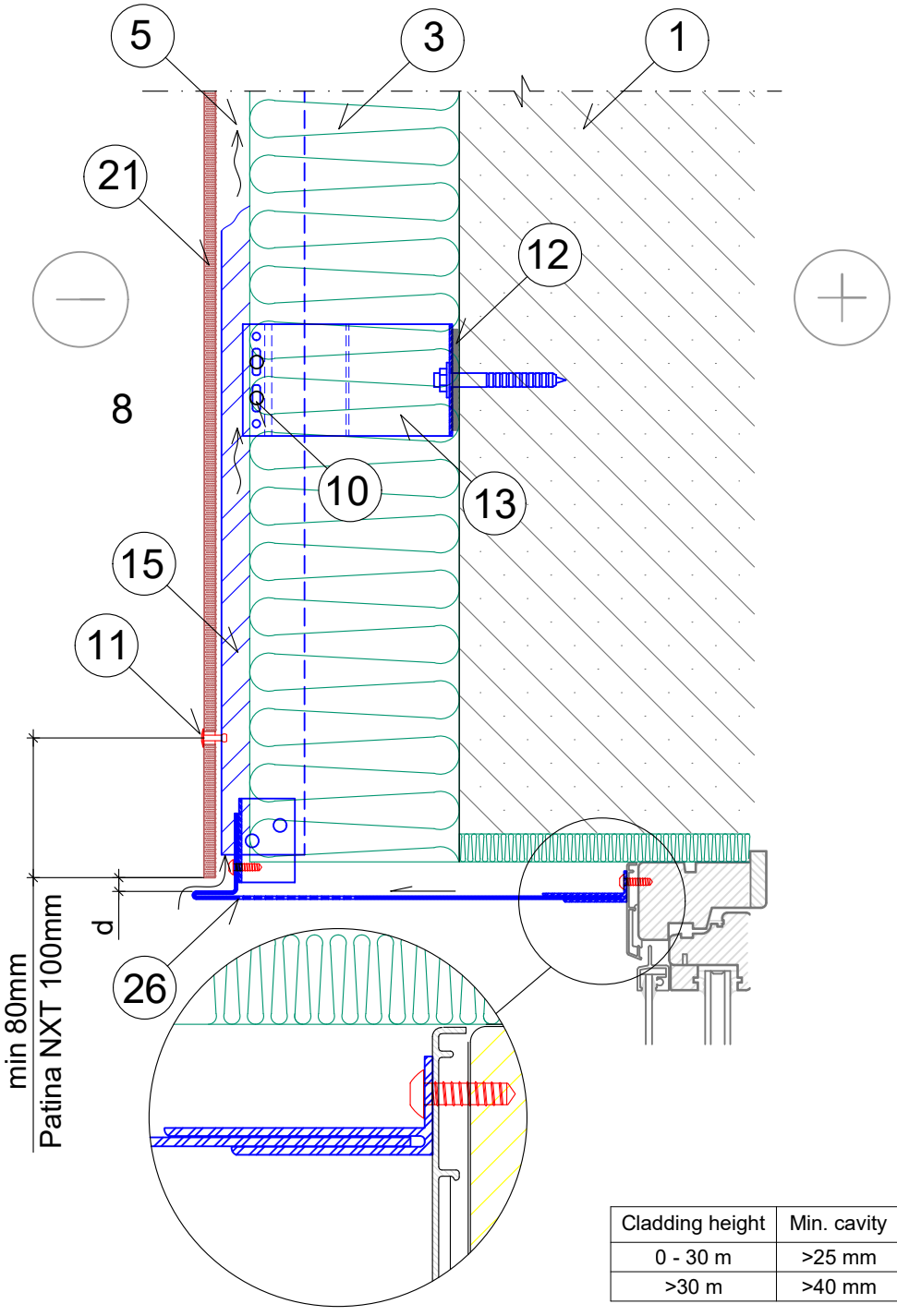
Date
2026 m.

Drawn by

DET 135

Content

Swisspearl facade board
Ventilated facade system. Renovation
Aluminium frame. Vertical cross section Window lintell



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
10. Profile to bracket connection
11. Rivet 4,0x20/K15 for aluminium sub-construction
12. Thermal separation
13. Bracket
15. L-aluminium profile vertical
21. Swisspearl facade board
22. Window
26. Window reveal finishing
d Ventilation inlet/ outlet min 200cm²/m

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