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Authorised and notified according  
to Article 29 of the Regulation (EU)  
No 305/2011 of the European  
Parliament and of the Council of 9  
March 2011

MEMBER OF EOTA



## European Technical Assessment ETA-21/1064 of 2022/01/06

### I General Part

#### Technical Assessment Body issuing the ETA and designated according to Article 29 of the Regulation (EU) No 305/2011: ETA-Danmark A/S

Trade name of the  
construction product:

KOMPROMENT cladding kit type:  
Arena Earth  
Colosseum Nordic  
Pantheon Nordic  
Tempel Earth  
Vidar Ceramic  
Vidar Clay Shingles  
Concrete Cover

Product family to which the  
above construction product  
belongs:

Kits for external wall claddings mechanically fixed

Manufacturer:

KOMPROMENT  
Danish Building Design  
Jellingvej 11  
DK-9230 Svenstrup  
Telephone +45 9652 0710  
[www.komproment.dk](http://www.komproment.dk)

Manufacturing plant:

KOMPROMENT  
Jellingvej 11  
DK-9230 Svenstrup

This European Technical  
Assessment contains:

101 pages including 17 annexes which form an integral  
part of the document

This European Technical  
Assessment is issued in  
accordance with Regulation  
(EU) No 305/2011, on the  
basis of:

EAD 090062-00-0404 – Kits for external wall claddings  
mechanically fixed

This version replaces:

-

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## II SPECIFIC PART OF THE EUROPEAN TECHNICAL ASSESSMENT

### 1 Technical description of product

KOMPROMENT cladding kit type:

Arena Earth; Colosseum Nordic; Pantheon Nordic; Tempel Earth; Vidar Ceramic and Vidar Clay Shingles is a cladding kit for external wall claddings for new and existing buildings. The façade system can be mounted directly onto the existing façade, on wooden frames or using aluminium battens.

Subframe: Vertical and horizontal aluminium subframe, alloy EN AW-6060 T6 in accordance with EN 573-3.

Wooden battens dimension: 38x57 mm or 38x73 mm.

Screws for fixing the horizontal aluminium subframe to the vertical aluminium subframe: 4,8 x 13-20 mm stainless steel A2 self-tapping screws.

Screws for fixing the horizontal wooden subframe to the vertical subframe to be calculated for the purpose of the individual project.

Screws for fixing the cladding element:

On wooden subframe:

4.5 x 50 mm, TX20 drilling-point RSD CSK woodscrews, bonded sealing washer 15 mm, Stainless – A2.

Arena Earth, Colosseum Nordic, Pantheon Nordic, Tempel Earth, Vidar Ceramic & Concrete Cover, on aluminium subframe:

4.5 x 35 mm, TX20 drilling-point RSD CSK woodscrews, bonded sealing washer 15 mm, Stainless – A2.

Vidar Clay Shingles, on aluminium subframe:

4.5x28 mm, LH drilling-point, Stainless – A2.

Cladding element:

Arena Earth; 100 % ceramic tiles.

CE marked in accordance with EN 1304.

Tile size [mm]	Horizontal subframe distance [mm]	Vertical subframe distance [mm]
440x240x36	160-195	Max c/c 900

Colosseum Nordic, 100 % ceramic tiles.  
CE-marked in accordance with EN 1304.

Tile size [mm]	Horizontal subframe distance [mm]	Vertical subframe distance [mm]
500x210x17	130-165	Max c/c 900

Pantheon Nordic, 100 % slate tiles:

CE-marked in accordance with EN 1304.

Tile size [mm]	Horizontal subframe distance [mm]	Vertical subframe distance [mm]
500x210x35	130-165	Max c/c 900

Tempel Earth, 100 % ceramic tiles:

CE-marked in accordance with EN 1304.

Tile size [mm]	Horizontal subframe distance [mm]	Vertical subframe distance [mm]
440x240x18	160-195	Max c/c 900

Vidar Ceramic, 100 % ceramic tiles:

CE-marked in accordance with EN 14411.

Tile size [mm]	Horizontal subframe distance [mm]	Vertical subframe distance [mm]
600x300x10	Max. 270	Max c/c 600

Vidar Clay Shingles, 100 % ceramic tiles:

CE-marked in accordance with EN 14411.

Tile size [mm]	Horizontal subframe distance [mm]	Vertical subframe distance [mm]
240x113x14	Max. 210	Max c/c 900

Concrete Cover, concrete tiles:

CE-marked in accordance with EN 490.

Tile size [mm]	Horizontal subframe distance [mm]	Vertical subframe distance [mm]
420x213x18	Max. 170	Max c/c 900

Dimensions are specified in annex 1.

Always check the base layer before mounting battens and laths. Straightness requirements of the underlying construction, vertical and horizontal, tolerance: +/- 3 mm, measured with a straight edge over 2 m.

The metal fasteners for fixing the horizontal subframe into the substrate is not a part of the kit

The face to which the system is fixed should be flat, vertical and capable of supporting appropriate loads. In a soffit situation the engineer should specify the sub-structure and number of fixings required based on the weight of the system and any other requirements e.g., wind loads, etc.

## **2 Specification of the intended use(s) in accordance with the applicable European Assessment Document (hereinafter EAD)**

The construction product Arena Earth; Colosseum Nordic; Pantheon Nordic; Tempel Earth; Vidar Ceramic; Vidar Clay Shingles and Concrete Cover is intended for use as fastening of external wall claddings, in ventilated facades.

The cladding kits are fixed to external vertical walls made of masonry (clay, concrete, or stone), concrete (cast on site or as prefabricated panels), timber or metal frame in new or existing buildings (retrofit).

The façade kit is assessed as a kit family E in accordance with EAD 090062-00-0404.

The verification and assessment methods on which this European Technical Assessment is based lead to the assumption of a working life of 25 years, when installed in the works.

The indications given as to the working life of the construction product cannot be interpreted as a guarantee neither given by the product manufacturer or his representative nor by the Technical Assessment Body issuing an ETA based on the EAD 090062-00-0404 but are regarded only as a means for expressing the expected economically reasonable working life of the product.

### 3 Performance of the product and references to the methods used for its assessment.

Characteristic	Assessment of characteristic																		
<b>3.2 Safety in case of fire (BWR 2)</b>																			
Reaction to fire	The metal parts and the clay/natural slate tiles of the KOMPROMENT Cladding kit type Arena Earth; Colosseum Nordic; Pantheon Nordic; Tempel Earth; Vidar Ceramic, Vidar Clay Shingles and Concrete Cover are classified as <b>Euroclass A1</b> in accordance with EN 13501-1 and Delegated Regulation 2016/364																		
Façade fire performance	<b>No performance assessed</b>																		
Propensity to undergo continuous smoldering	<b>Not relevant</b>																		
<b>3.3 Hygiene, health and the environment (BWR 3)</b>																			
Watertightness of joints (protection against driving rain)	<b>Not watertight</b>																		
Water absorption (for non-ventilated facades)	<b>Not relevant</b>																		
Water vapour permeability (for non-ventilated facades)	<b>Not relevant</b>																		
Drainability	<b>Drainable</b> , See figures in annex 2																		
Content, emission and/or release of dangerous substances*	The KOMPROMENT Cladding kit type Arena Earth; Colosseum Nordic; Pantheon Nordic; Tempel Earth; Vidar Ceramic, Vidar Clay Shingles and its components <b>does not contain/release dangerous substances</b> specified in EOTA GD14  Concrete Cover: No performance assessed																		
<b>3.4 Safety and accessibility in use (BWR 4)</b>																			
Wind load resistance	<table border="1"> <thead> <tr> <th>Arena Earth</th> <th>Colosseum Nordic</th> <th>Pantheon Nordic</th> </tr> </thead> <tbody> <tr> <td>Q: 500 Pa Max. deformation &lt; 1 mm at 6500 m<sup>3</sup>/h</td> <td>On alu subframe: Q: 300 Pa On wooden subframe: Q: 300 Pa Max. deformation 10 mm at 6500 m<sup>3</sup>/h</td> <td>Q: 500 Pa Max. deformation &lt; 4 mm at 6500 m<sup>3</sup>/h</td> </tr> <tr> <td>Tempel Earth</td> <td>Vidar Ceramic</td> <td>Vidar Clay Shingles</td> </tr> <tr> <td>Q: 500 Pa Max. deformation &lt; 5 mm at 6500 m<sup>3</sup>/h</td> <td>Q: 250 Pa Max. deformation 10 mm at 6500 m<sup>3</sup>/h</td> <td>Q: 500 Pa Max. deformation &lt; 3 mm at 6500 m<sup>3</sup>/h</td> </tr> <tr> <td>Concrete Cover</td> <td></td> <td></td> </tr> <tr> <td>Q: 500 Pa Max. deformation 4 mm at 6500 m<sup>3</sup>/h</td> <td></td> <td></td> </tr> </tbody> </table> <p><b>No failure occurred. The joints in the tiles did not allow for obtaining higher pressure. The characteristic wind resistance of the kit is governed by the resistance of pull-through resistance – see below</b></p>	Arena Earth	Colosseum Nordic	Pantheon Nordic	Q: 500 Pa Max. deformation < 1 mm at 6500 m <sup>3</sup> /h	On alu subframe: Q: 300 Pa On wooden subframe: Q: 300 Pa Max. deformation 10 mm at 6500 m <sup>3</sup> /h	Q: 500 Pa Max. deformation < 4 mm at 6500 m <sup>3</sup> /h	Tempel Earth	Vidar Ceramic	Vidar Clay Shingles	Q: 500 Pa Max. deformation < 5 mm at 6500 m <sup>3</sup> /h	Q: 250 Pa Max. deformation 10 mm at 6500 m <sup>3</sup> /h	Q: 500 Pa Max. deformation < 3 mm at 6500 m <sup>3</sup> /h	Concrete Cover			Q: 500 Pa Max. deformation 4 mm at 6500 m <sup>3</sup> /h		
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Concrete Cover																			
<b>Passed</b>																			
Impact resistance	<b>No performance assessed</b>																		

Characteristic	Assessment of characteristic																		
Bending strength	<b>No performance assessed</b>																		
Resistance of grooved cladding element	<b>Not relevant</b>																		
Resistance at dowel hole	<b>Not relevant</b>																		
Pull-through resistance	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Arena Earth</td> <td style="width: 33%;">Colosseum Nordic</td> <td style="width: 33%;">Pantheon Nordic</td> </tr> <tr> <td><b>F<sub>c</sub> = 1503 N</b></td> <td><b>F<sub>c</sub> = 1114 N</b></td> <td><b>F<sub>c</sub> = 812 N</b></td> </tr> <tr> <td>Tempel Earth</td> <td>Vidar Ceramic</td> <td>Vidar Clay Shingles</td> </tr> <tr> <td><b>F<sub>c</sub> = 1194 N</b></td> <td><b>F<sub>c</sub> = 814 N</b></td> <td><b>F<sub>c</sub> = 893 N</b></td> </tr> <tr> <td>Concrete Cover</td> <td colspan="2"></td> </tr> <tr> <td><b>F<sub>c</sub> = 937 N</b></td> <td colspan="2"></td> </tr> </table> <p><b>Characteristic pull-through resistance:</b>  <b>Arena Earth:</b>  <b>8,7 kN with 11,65 cladding elements/m<sup>2</sup></b>  <b>Colosseum Nordic:</b>  <b>6,7 kN with 12,12 cladding elements/m<sup>2</sup></b>  <b>Pantheon Nordic:</b>  <b>4,9 kN with 12,12 cladding elements/m<sup>2</sup></b>  <b>Tempel Earth:</b>  <b>6,9 kN with 11,65 cladding elements/m<sup>2</sup></b>  <b>Vidar Ceramic:</b>  <b>2,5 kN with 6,17 cladding elements/m<sup>2</sup></b>  <b>Vidar Clay Shingles:</b>  <b>18,7 kN with 42 cladding elements/m<sup>2</sup></b>  <b>Concrete Cover:</b>  <b>6,5 kN with 14 cladding elements/m<sup>2</sup></b></p>	Arena Earth	Colosseum Nordic	Pantheon Nordic	<b>F<sub>c</sub> = 1503 N</b>	<b>F<sub>c</sub> = 1114 N</b>	<b>F<sub>c</sub> = 812 N</b>	Tempel Earth	Vidar Ceramic	Vidar Clay Shingles	<b>F<sub>c</sub> = 1194 N</b>	<b>F<sub>c</sub> = 814 N</b>	<b>F<sub>c</sub> = 893 N</b>	Concrete Cover			<b>F<sub>c</sub> = 937 N</b>		
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Pull-through resistance under shear loads	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Arena Earth</td> <td style="width: 33%;">Colosseum Nordic</td> <td style="width: 33%;">Pantheon Nordic</td> </tr> <tr> <td><b>F<sub>c</sub> = 1503 N</b></td> <td><b>F<sub>c</sub> = 2517 N</b></td> <td><b>F<sub>c</sub> = 1622 N</b></td> </tr> <tr> <td>Tempel Earth</td> <td>Vidar Ceramic</td> <td>Vidar Clay Shingles</td> </tr> <tr> <td><b>F<sub>c</sub> = 2548 N</b></td> <td><b>F<sub>c</sub> = 2125 N</b></td> <td><b>F<sub>c</sub> = 962 N</b></td> </tr> <tr> <td>Concrete Cover</td> <td colspan="2"></td> </tr> <tr> <td><b>F<sub>c</sub> = 1537 N</b></td> <td colspan="2"></td> </tr> </table>	Arena Earth	Colosseum Nordic	Pantheon Nordic	<b>F<sub>c</sub> = 1503 N</b>	<b>F<sub>c</sub> = 2517 N</b>	<b>F<sub>c</sub> = 1622 N</b>	Tempel Earth	Vidar Ceramic	Vidar Clay Shingles	<b>F<sub>c</sub> = 2548 N</b>	<b>F<sub>c</sub> = 2125 N</b>	<b>F<sub>c</sub> = 962 N</b>	Concrete Cover			<b>F<sub>c</sub> = 1537 N</b>		
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<b>F<sub>c</sub> = 1537 N</b>																			
Axial tension resistance	<b>Not relevant</b>																		
Shear load resistance	<b>Not relevant</b>																		
Resistance of slot	<b>Not relevant</b>																		
Resistance to vertical load	<b>Not relevant</b>																		
Pull-through resistance of fixings from profile	<b>Not relevant</b>																		
Combined tension and shear load resistance	<b>Not relevant</b>																		
Resistance of metal clip	<b>Not relevant</b>																		
Resistance of profiles	<b>No performance assessed</b>																		
Subframe fixings, tension/pull-out resistance	The resistance of the screw fixing is the determining factor and therefore the tension/pull out resistance equals the resistance of the screw fixings.																		
Subframe fixings, shear load resistance	<b>No performance assessed</b>																		
Bracket resistance	<b>No performance assessed</b>																		
<b>3.5 Protection against noise (BWR 5)</b>																			
Airborne sound insulation	<b>No performance assessed</b>																		
<b>3.6 Energy economy and heat retention (BWR 6)</b>																			
Thermal insulation	<b>No performance assessed</b>																		

Characteristic	Assessment of characteristic												
<b>3.7 Durability</b>													
Hygrothermal behavior	<b>Not relevant.</b> The cladding element is not known to be or suspected of being sensitive to hygrothermal variation												
Behavior after pulsating load	<b>Passed</b>												
Freeze-thaw resistance	<table border="1"> <thead> <tr> <th>Arena Earth</th> <th>Colosseum Nordic</th> <th>Pantheon Nordic</th> </tr> </thead> <tbody> <tr> <td>No performance assessed</td> <td>No changes</td> <td>No changes</td> </tr> <tr> <th>Tempel Earth</th> <th>Vidar Ceramic</th> <th>Vidar Clay Shingles</th> </tr> <tr> <td>No changes</td> <td>No changes</td> <td>No changes</td> </tr> </tbody> </table>	Arena Earth	Colosseum Nordic	Pantheon Nordic	No performance assessed	No changes	No changes	Tempel Earth	Vidar Ceramic	Vidar Clay Shingles	No changes	No changes	No changes
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No performance assessed	No changes	No changes											
Tempel Earth	Vidar Ceramic	Vidar Clay Shingles											
No changes	No changes	No changes											
Behavior after immersion in water	<b>Not relevant.</b> The cladding element is not known to be or suspected of being sensitive to water												
Dimensional stability – by humidity	<b>Not relevant.</b> The cladding element is not known to be or suspected of being sensitive to humidity												
Dimensional stability – by temperature	<b>Not relevant.</b> The cladding element is not known to be or suspected of being sensitive to temperature												
Chemical and biological resistance	<b>Not relevant.</b> The cladding kit is made from inorganic materials												
UV radiation resistance	<b>Not relevant.</b> The cladding kit does not contain polyester or other plastics The <b>durability rating</b> of alloy AW 6060 & AW 5754 in accordance with EN 1999-1-1 is <b>B</b>												
Corrosion	Normally additional corrosion protection is not needed for atmospheric exposure in rural, industrial/urban and marine conditions according to table D.1 of EN 1999-1-1												
Accelerated ageing behavior of kit when the cladding element is made of thin metallic composite panels (TMCP)	<b>Not relevant</b>												

\*In addition to the specific clauses relating to dangerous substances contained in this European Technical Assessment, there may be other requirements applicable to the products falling within its scope (e.g., transposed European legislation and national laws, regulations and administrative provisions). In order to meet the provisions of the Construction Products Regulation, these requirements need also to be complied with, when and where they apply.

See additional information in section 3.8 – 3.9.

### 3.8 Methods of verification

The product is fully covered by EAD 090062-00-0404. According to the Regulation (EU) No 305/2011.

### 3.9 General aspects related to the fitness for use of the product

The European Technical Assessment is issued for the product based on agreed data/information, deposited with ETA-Danmark, which identifies the product that has been assessed and judged. Changes to the product or production process, which could result in this deposited data/information being incorrect, should be notified to ETA-Danmark before the changes are introduced. ETA-Danmark will decide if such changes affect the ETA and consequently the validity of the CE marking based on the ETA and if so whether further assessment or alterations to the ETA, shall be necessary.

The KOMPROMENT cladding kits are manufactured in accordance with the provisions of this European Technical Assessment using the manufacturing processes as identified in the inspection of the plant by the notified inspection body and laid down in the technical documentation.



#### **4 Assessment and verification of constancy of performance (hereinafter AVCP) system applied, with reference to its legal base.**

##### **4.1 AVCP system**

According to the decision 2003/640/EC of the European Commission, as amended by 2001/596/EC, the system(s) of assessment and verification of constancy of performance (see Annex V to Regulation (EU) No 305/2011) is 2+.

#### **5 Technical details necessary for the implementation of the AVCP system, as foreseen in the applicable EAD.**

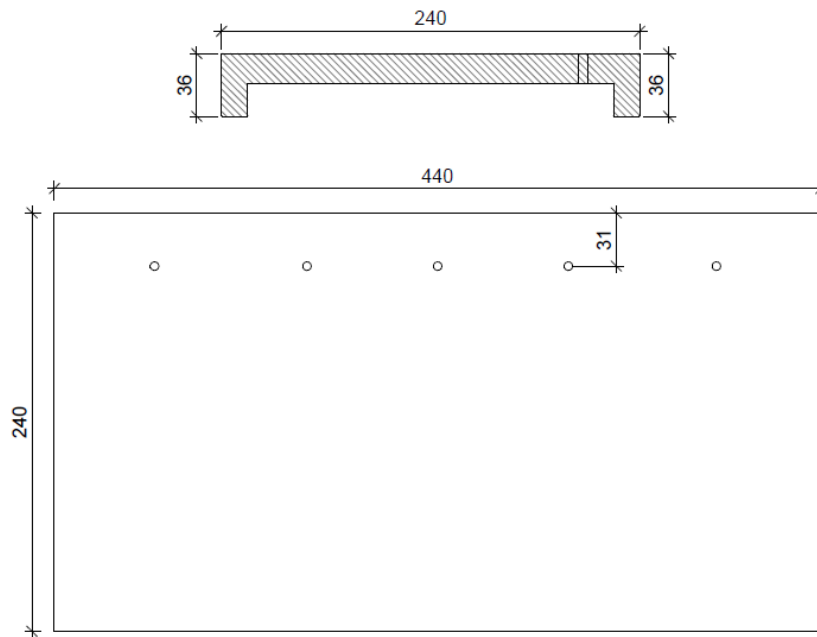
Technical details necessary for the implementation of the AVCP system are laid down in the control plan deposited at ETA-Danmark.

Issued in Copenhagen on 2022-01-06 by

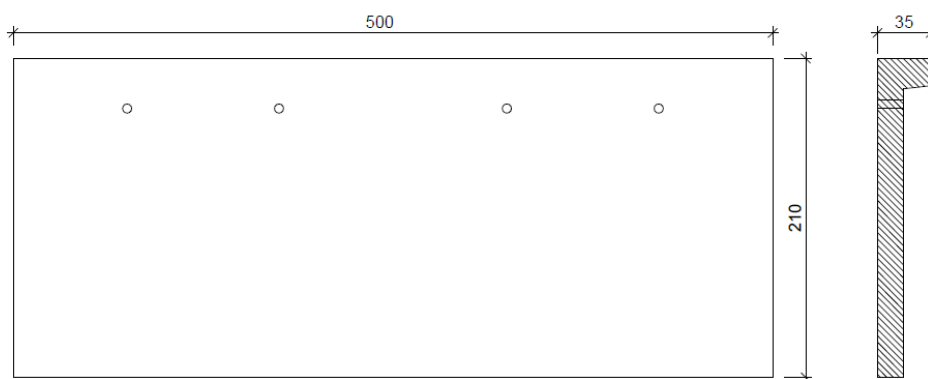


Thomas Bruun  
Managing Director, ETA-Danmark

### ARENA EARTH

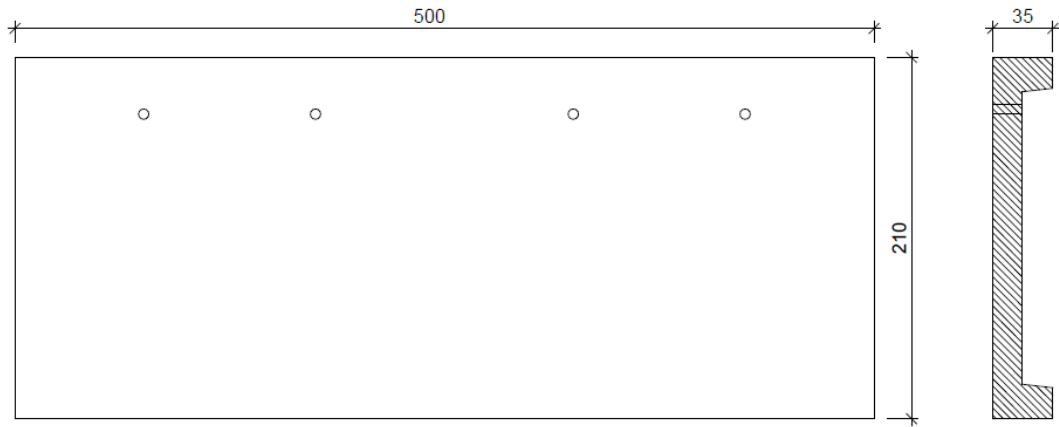


### Colosseum Nordic

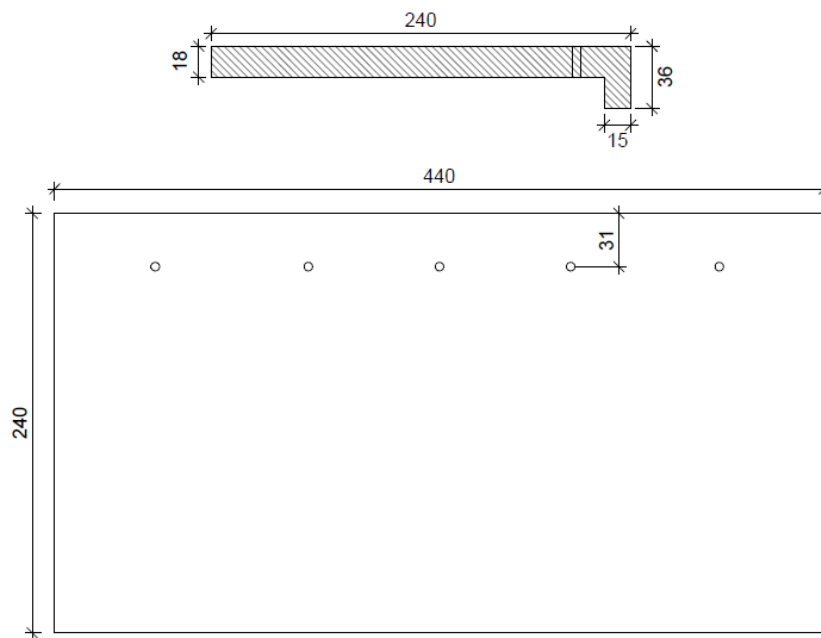


<b>KOMPROMENT cladding kit type Arena Earth &amp; Colosseum Nordic</b>	
<b>Cladding elements</b>	<b>Annex 1</b>

### Pantheon Nordic

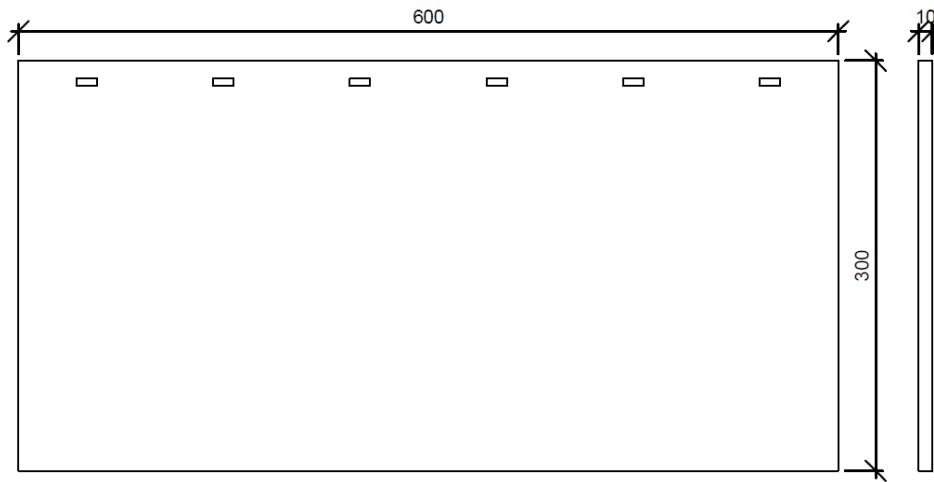


### TEMPEL EARTH

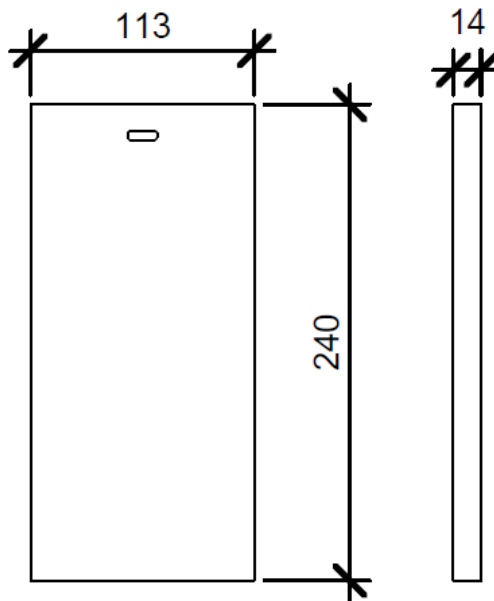


<b>KOMPROMENT cladding kit type Pantheon Nordic &amp; Tempel Earth</b>	Annex 1
Cladding elements	

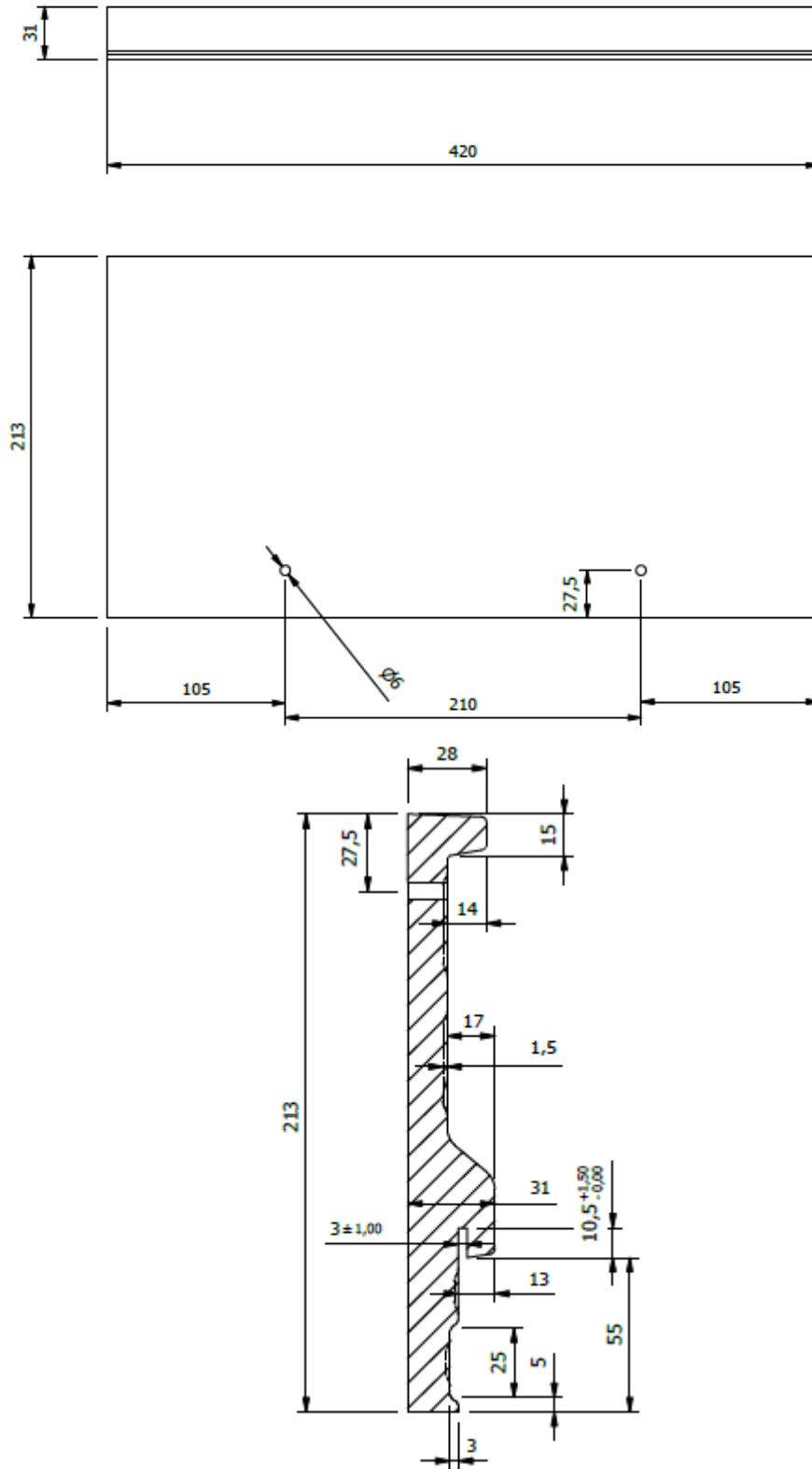
### Vidar Ceramic



### Vidar Clay Shingles



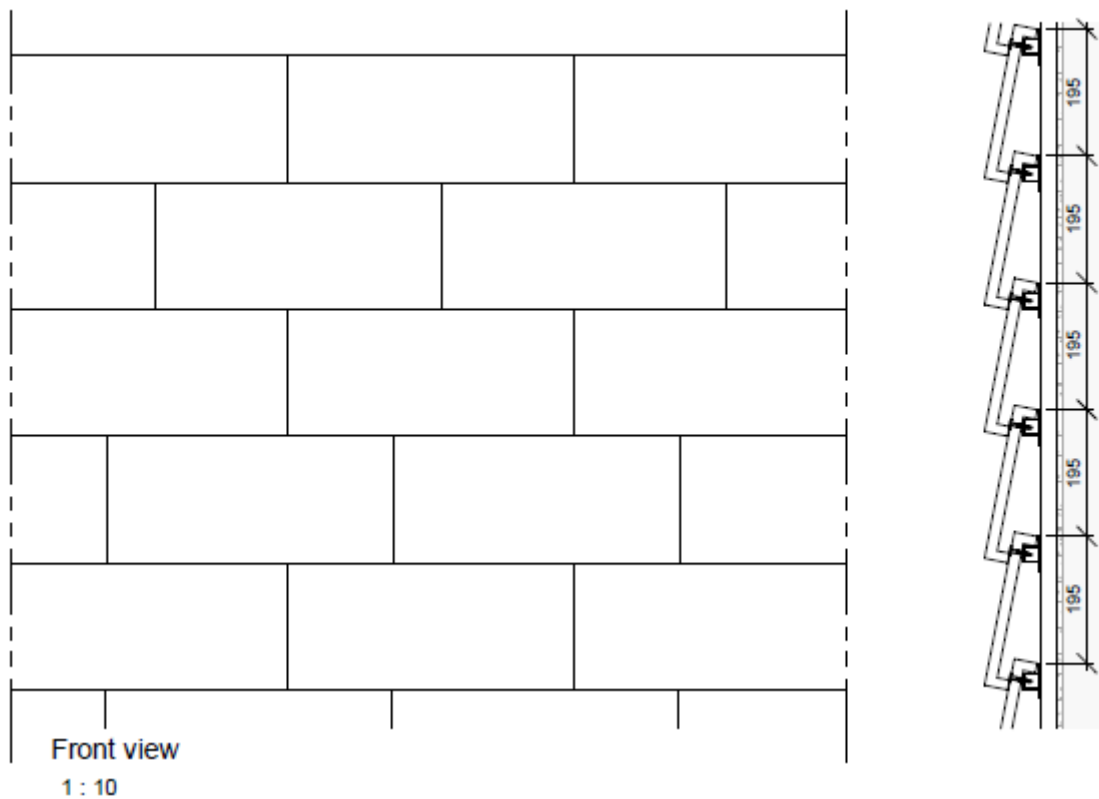
<b>KOMPROMENT cladding kit type Vidar Ceramic &amp; Vidar Clay Shingles</b>	
<b>Cladding elements</b>	Annex 1



**KOMPROMENT** cladding kit type Concrete Cover

Cladding elements

Annex 1



Arena Earth is a rough ceramic product and has the small distinctive features that characterise this natural product. There will be variation in the surface and size of each tile. teglene.

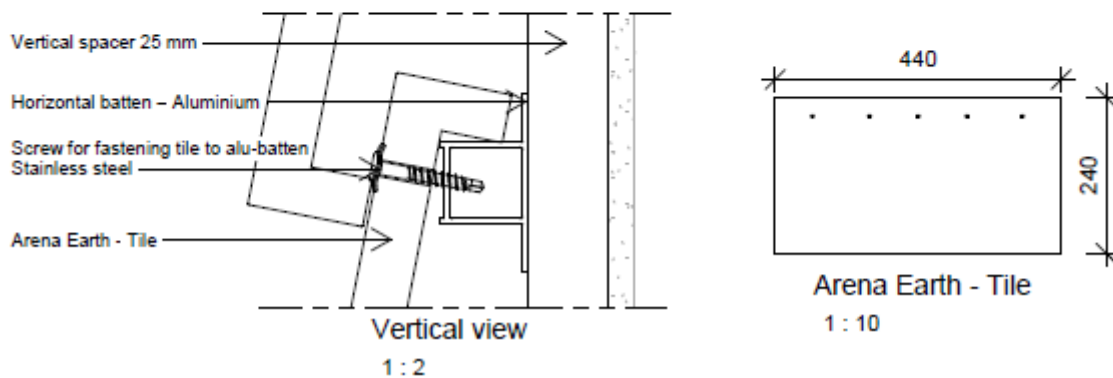
The following points must be observed to achieve optimal results:

- Tiles MUST be mixed from multiple pallets to achieve the desired color variation (Min 4-8 pallets).
- Arena Earth is a ceramic product and breakage on corners and edges will appear as a natural part of the tiles.
- Recommended bond: Wild bond.
- Recommended minimum tile width for adjustments = 100 mm
- Max batten distance: 195 mm (standard)
- Minimum batten distance: 160 mm

All tiles must be mounted with a minimum of 2 screws. It is important that the tiles are fastened with the right torque, so that the shingles cling to the underlying shingles. Torque is determined from a sample mounting and is checked continuously.

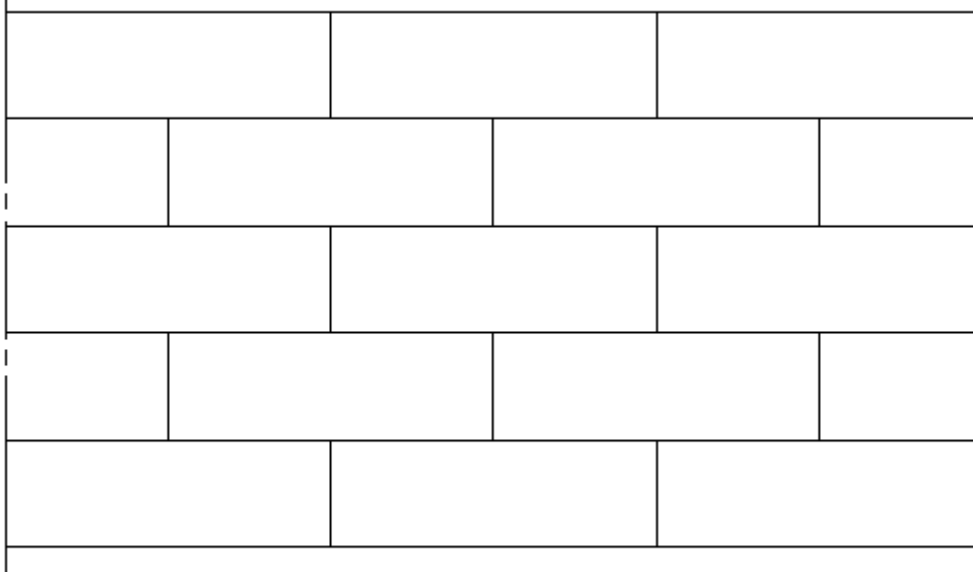
Gluing of tiles:

In situations where the use of Komproment façade adhesive is required, it is important to always glue tile to tile.

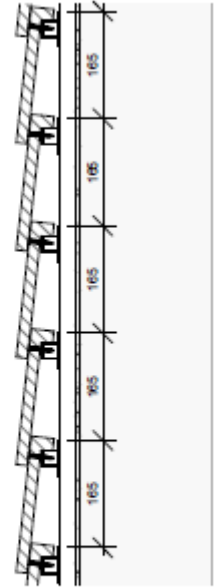


<b>KOMPROMENT cladding kit type Arena Earth</b>	
<b>Drainability</b>	Annex 2

### COLOSSEUM Nordic



Front view  
1 : 10



Vertical view  
1 : 10

Colosseum Nordic tiles is a rough ceramic product and has the small distinctive features that characterise this natural product. There will be variation in the surface and size of each tile.

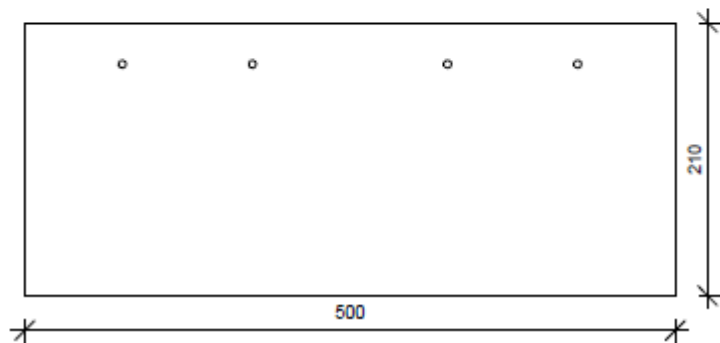
The following points must be observed to achieve optimal results:

- Tiles MUST be mixed from multiple pallets to achieve the desired color variation (Min 4-6 pallets).
- Colosseum Nordic is a ceramic product and breakage on corners and edges will appear as a natural part of the tiles.
- Recommended bond: Wild bond.
- Recommended minimum tile width for adjustments = 100 mm
- Max batten distance: 165 mm (standard)
- Minimum batten distance: 130 mm

**Gluing of tiles:**

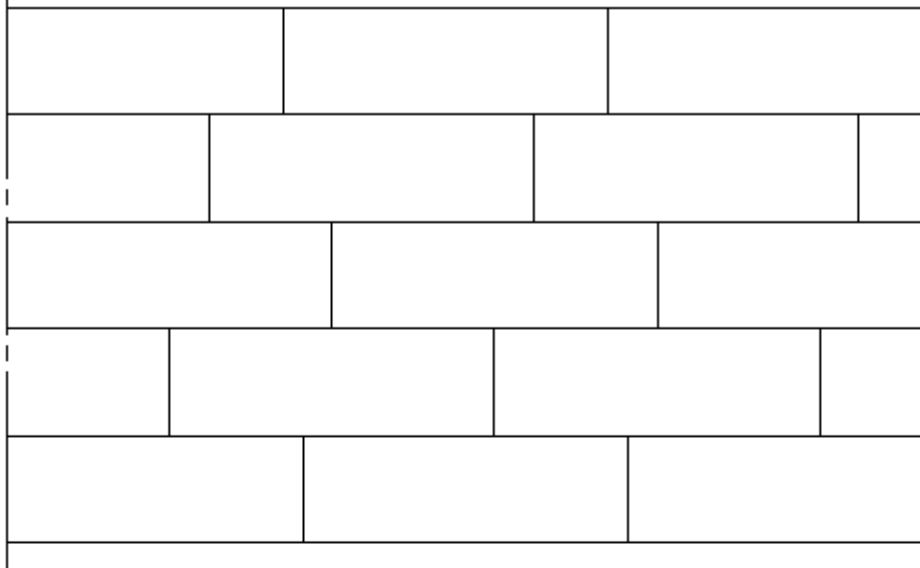
In situations where the use of Komproment façade adhesive is required, it is important to always glue tile to tile.

Colosseum Nordic Tile - 1 : 5

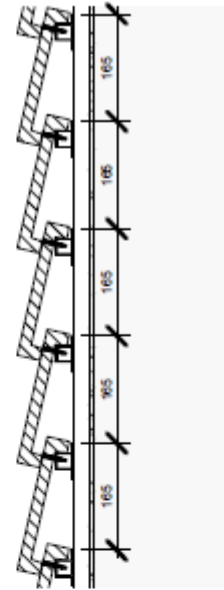


<b>KOMPROMENT cladding kit type Colosseum Nordic</b>	Annex 2
<b>Drainability</b>	

**PANTHEON Nordic**



**Front View**  
1 : 10



**Vertical view**  
1 : 10

Pantheon Nordic tiles is a rough ceramic product and has the small distinctive features that characterise this natural product. There will be variation in the surface and size of each tile.

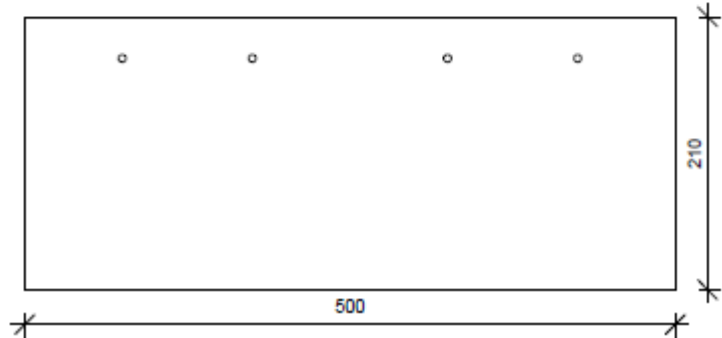
The following points must be observed to achieve optimal results:

- Tiles MUST be mixed from multiple pallets to achieve the desired color variation (Min 4-6 pallets).
- Pantheon Nordic is a ceramic product and breakage on corners and edges will appear as a natural part of the tiles.
- Recommended bond: Wild bond.
- Recommended minimum tile width for adjustments = 100 mm
- Max batten distance: 165 mm (standard)
- Minimum batten distance: 130 mm

**Gluing of tiles:**

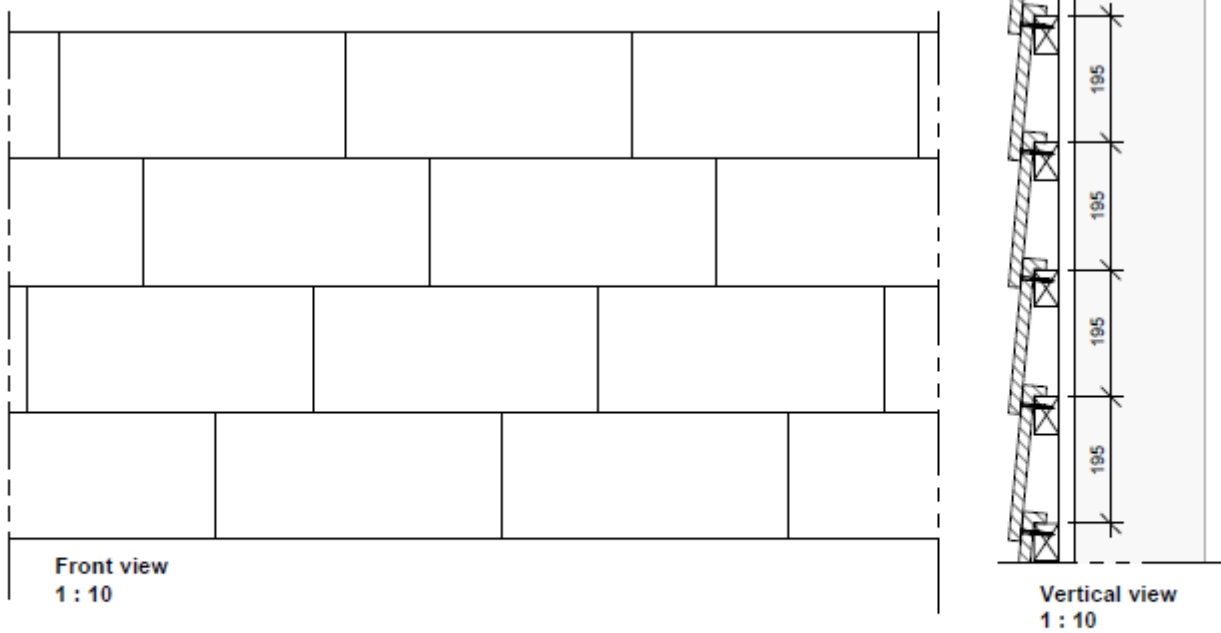
In situations where the use of Komproment façade adhesive is required, it is important to always glue tile to tile.

**Pantheon Nordic Tile - 1 : 5**



<b>KOMPROMENT cladding kit type Pantheon Nordic</b>	
<b>Drainability</b>	Annex 2





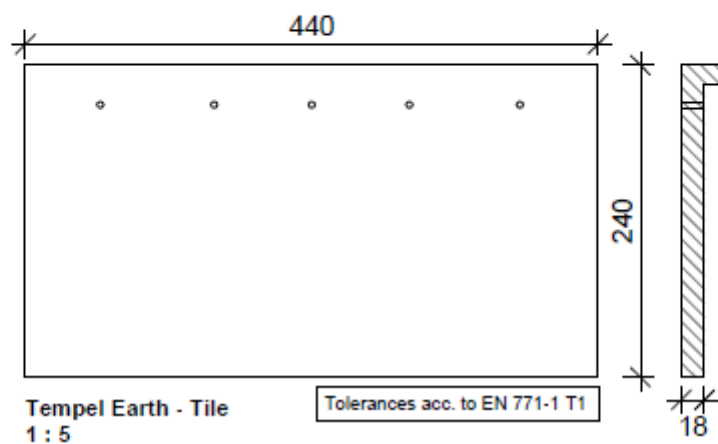
Tempel Earth tiles is a rough ceramic product and has the small distinctive features that characterise this natural product. There will be variation in the surface and size of each tile.

The following points must be observed to achieve optimal results:

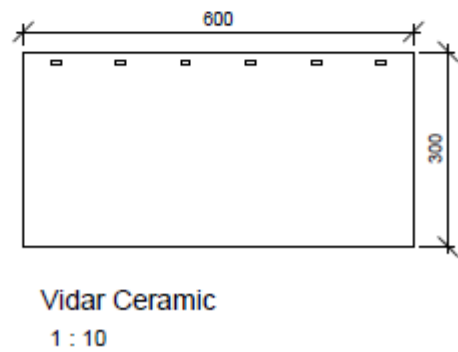
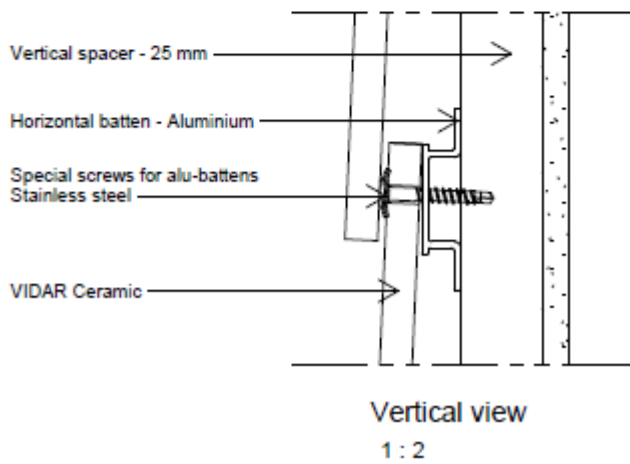
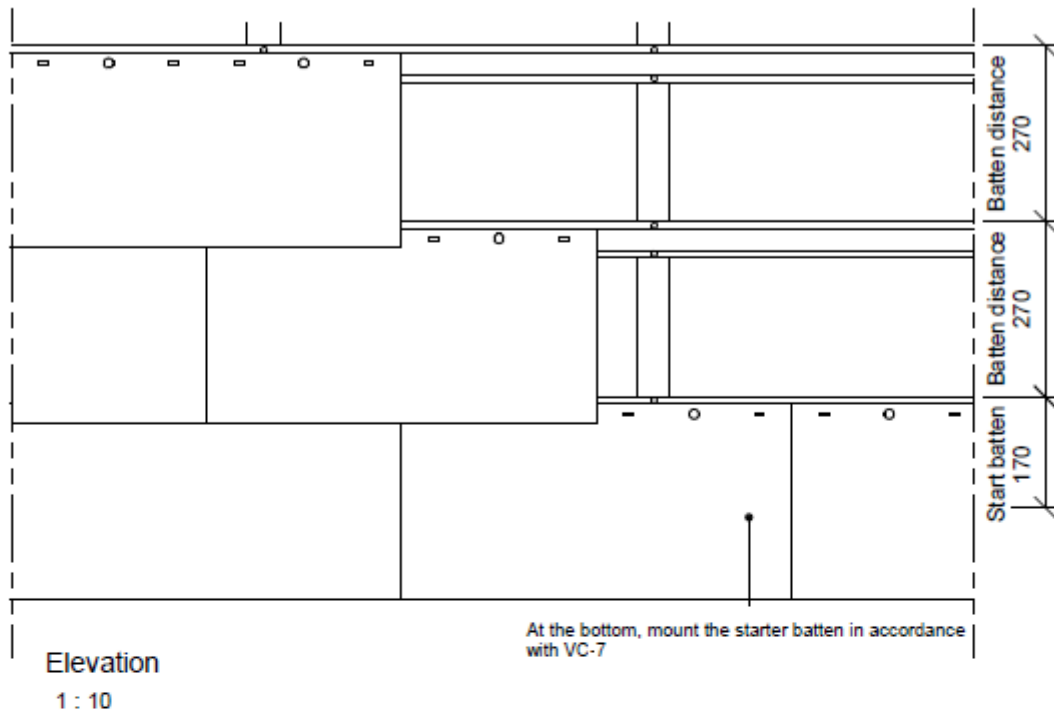
- Tiles MUST be mixed from multiple pallets to achieve the desired color variation (Min 4-6 pallets).
- Tempel Earth is a ceramic product and breakage on corners and edges will appear as a natural part of the tiles.
- Max batten distance: 195 mm (standard)
- Minimum batten distance: 160 mm
- Recommended minimum tile width for adjustments = 100 mm
- Recommended bond: Wild bond.

Gluing of tiles:

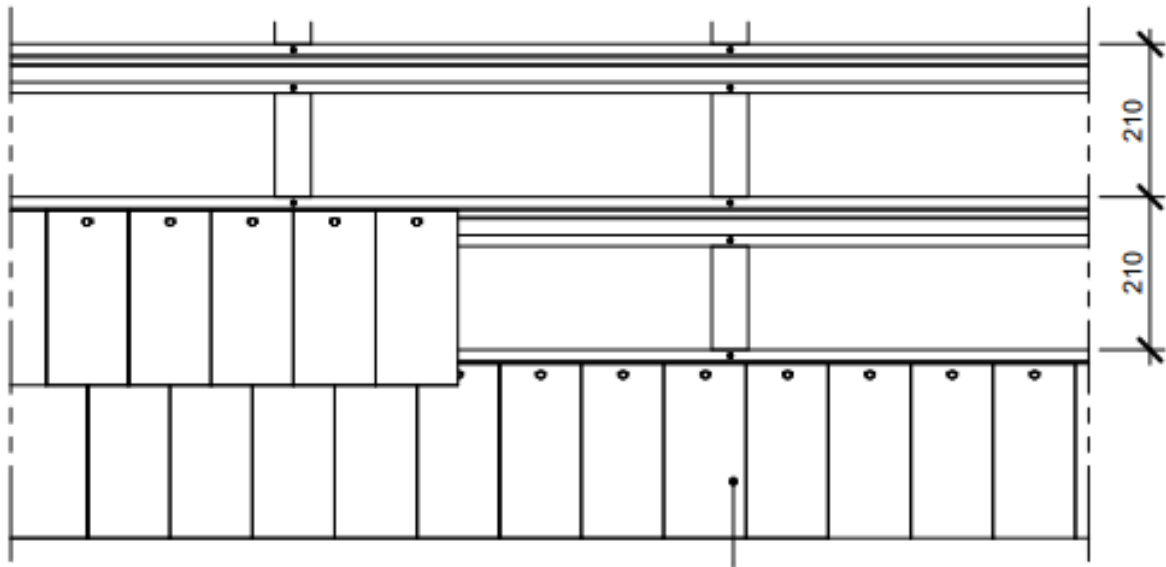
In situations where the use of Komproment façade adhesive is required, it is important to always glue tile to tile.



<b>KOMPROMENT cladding kit type Tempel Earth</b>	
<b>Drainability</b>	Annex 2



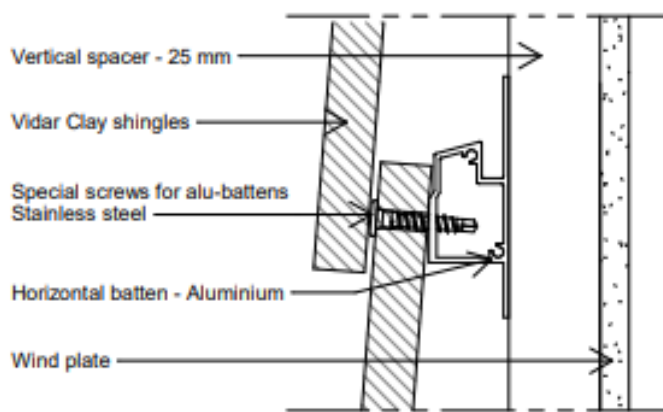
<b>KOMPROMENT cladding kit type Vidar Ceramic</b>	
<b>Drainability</b>	Annex 2



Elevation

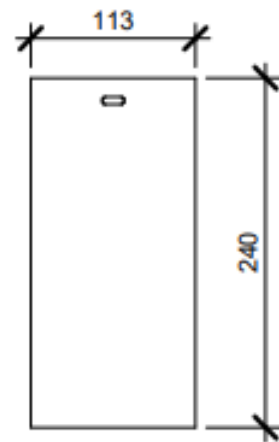
1 : 10

At the bottom, mount the starter batten in accordance with T-7 to offset tile thickness



Vertical view

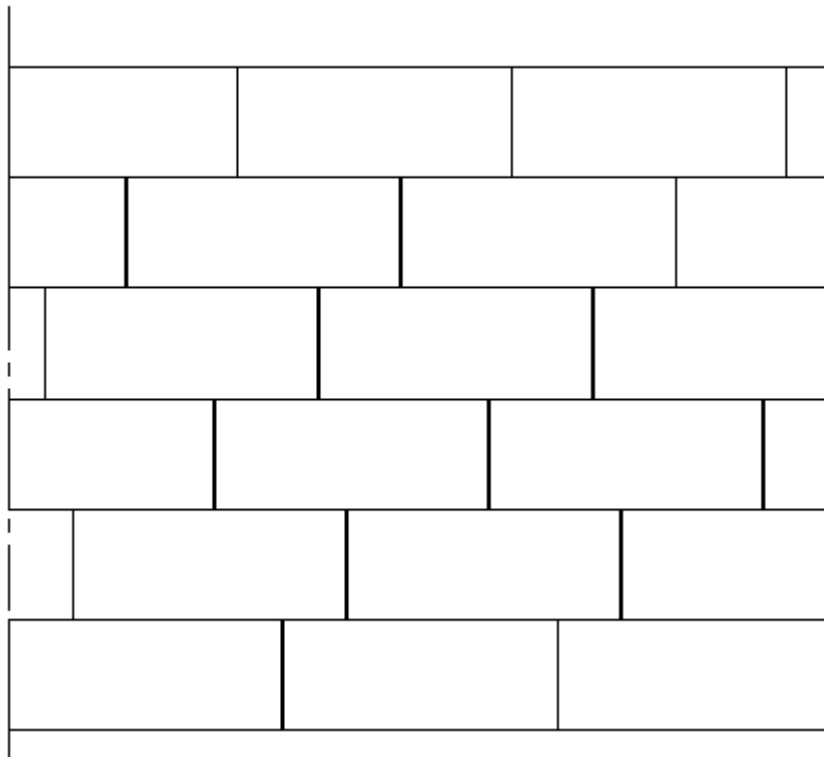
1 : 2



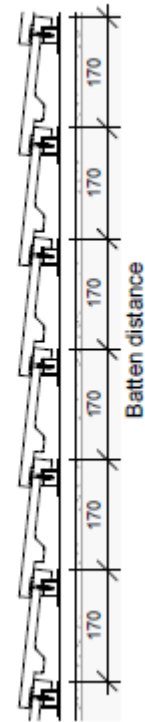
Clay Shingle

1 : 5

<p><b>KOMPROMENT cladding kit type Vidar Clay Shingles</b></p>	
<p><b>Drainability</b></p>	<p>Annex 2</p>



Front view  
1 : 10



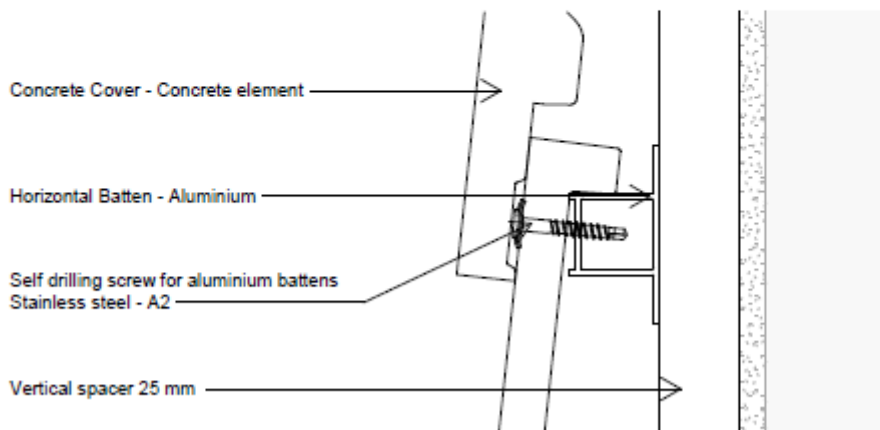
Vertical view  
1 : 10

The following points must be observed to achieve optimal results:

- Concrete Cover must be mixed from multiple pallets to achieve the desired play of colours (min. 4-6 pallets).
- Small breakage on corners and edges will appear as a natural part of the concrete elements.
- Recommended bond: Wild bond.
- Recommended minimum tile width for adjustments = 100 mm
- Batten distance: 170 mm

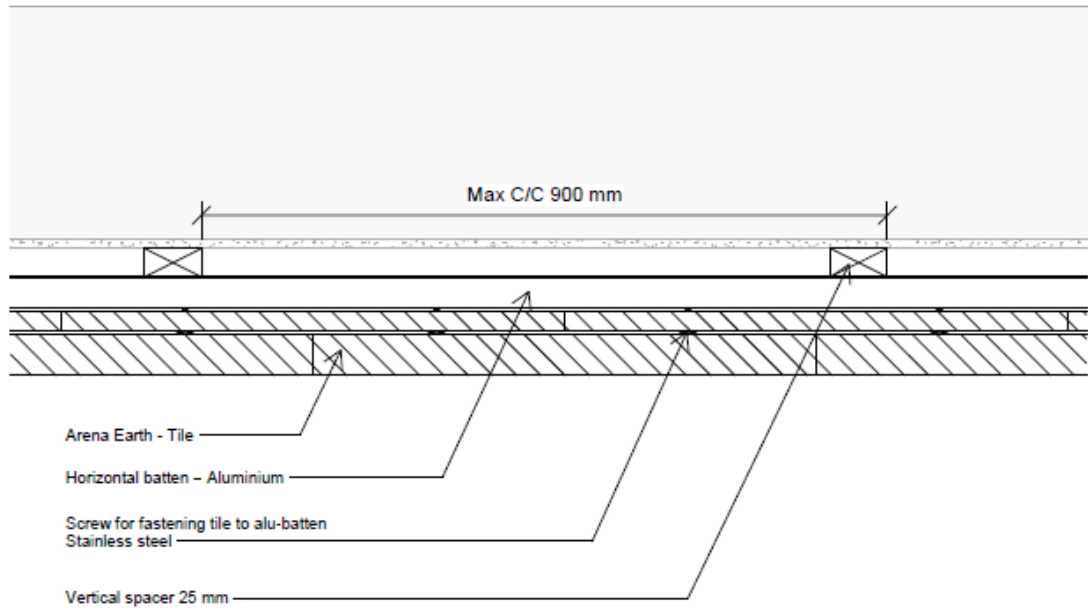
Gluing of Concrete Cover elements:

In situations where the use of Komproment façade adhesive is required, it is important to always glue Concrete element to Concrete element.

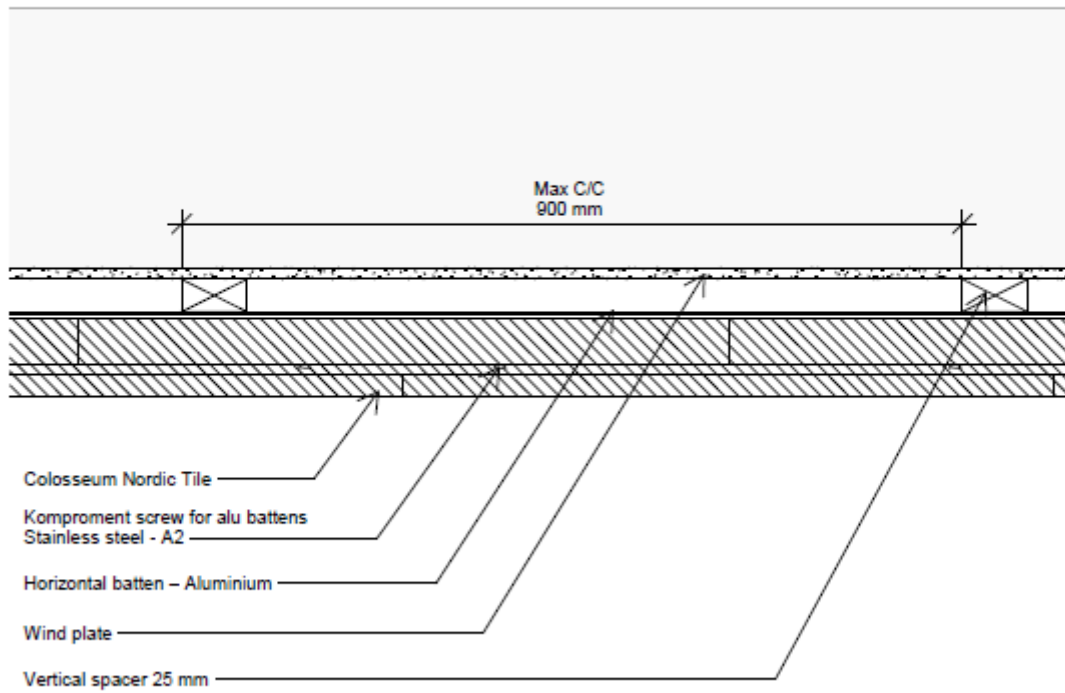


Vertical view  
1 : 2

<b>KOMPROMENT cladding kit type Concrete Cover</b>	
<b>Drainability</b>	Annex 2



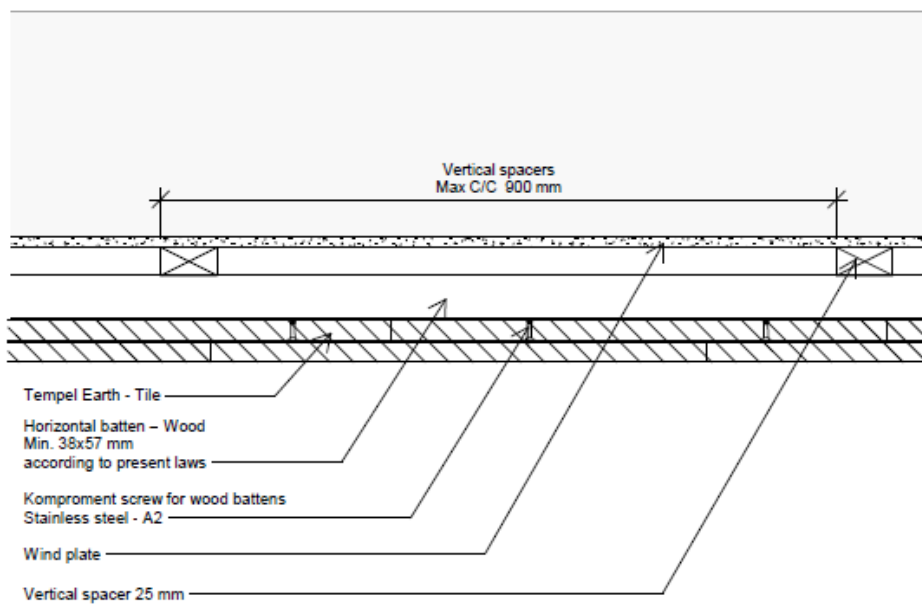
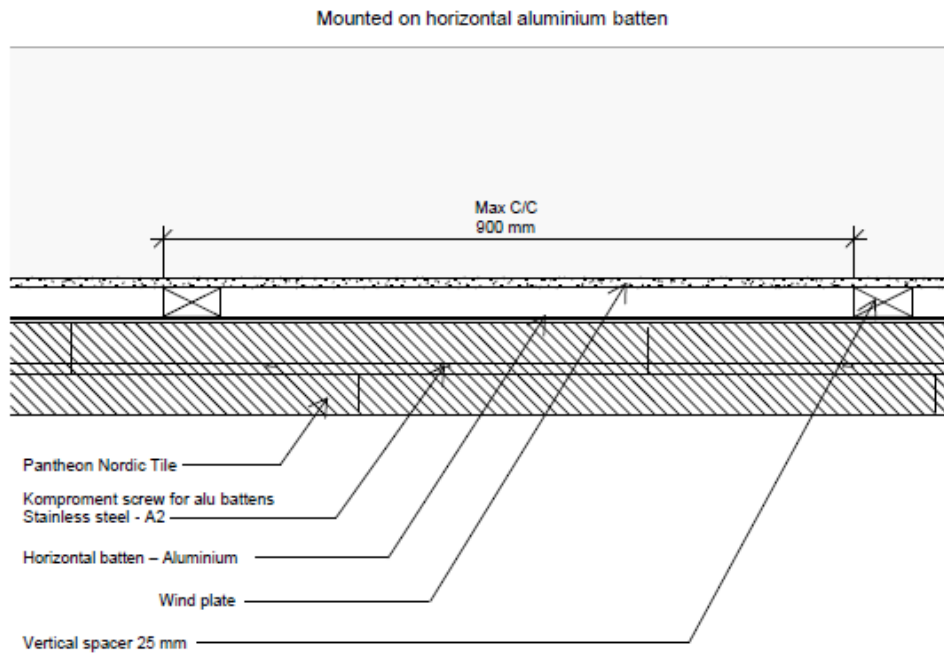
Mounted on horizontal aluminium batten



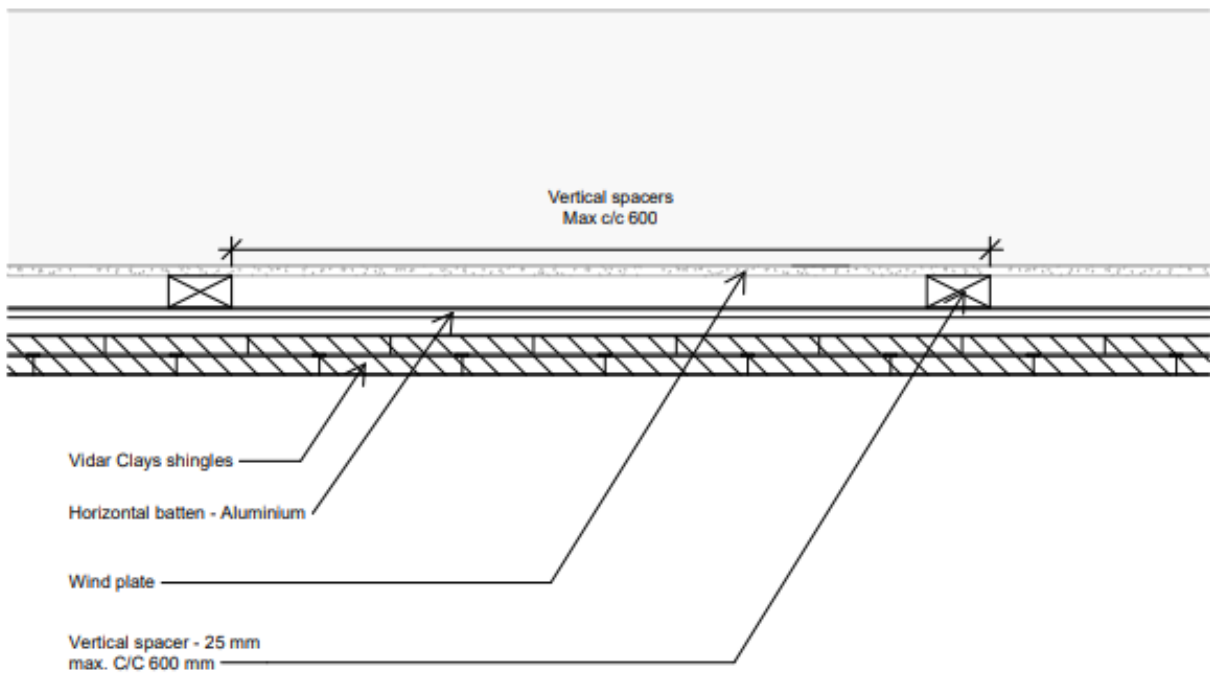
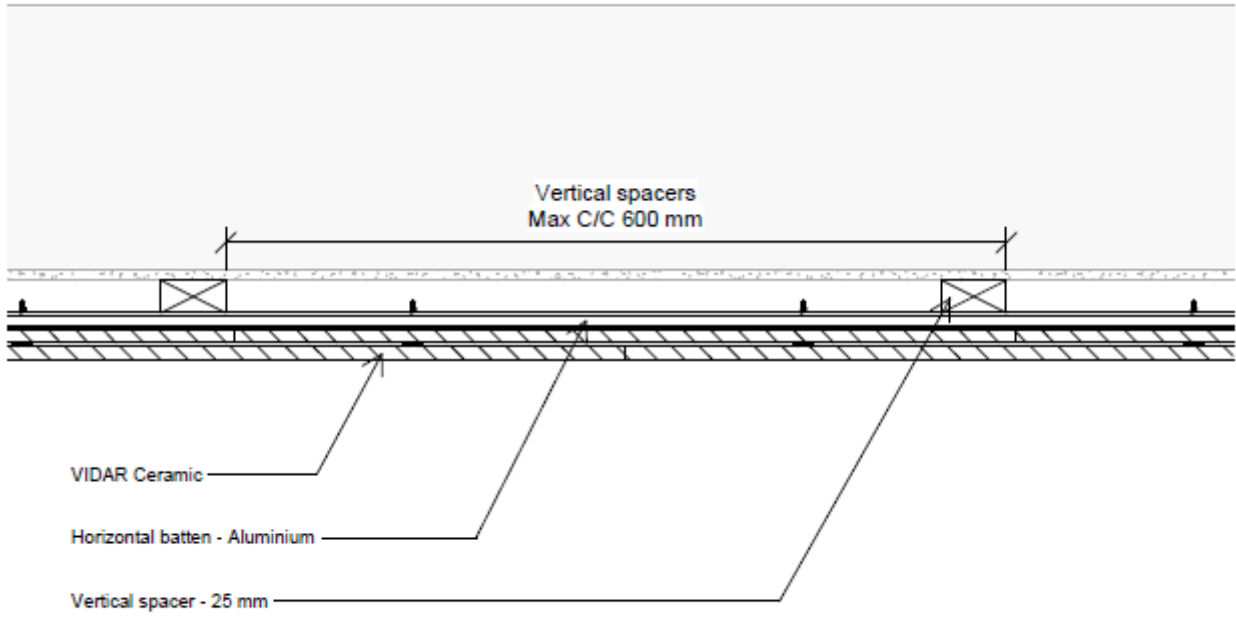
**KOMPROMENT cladding kit type Arena Earth & Colosseum Nordic**

**Installation examples**  
Horizontal view

Annex 3



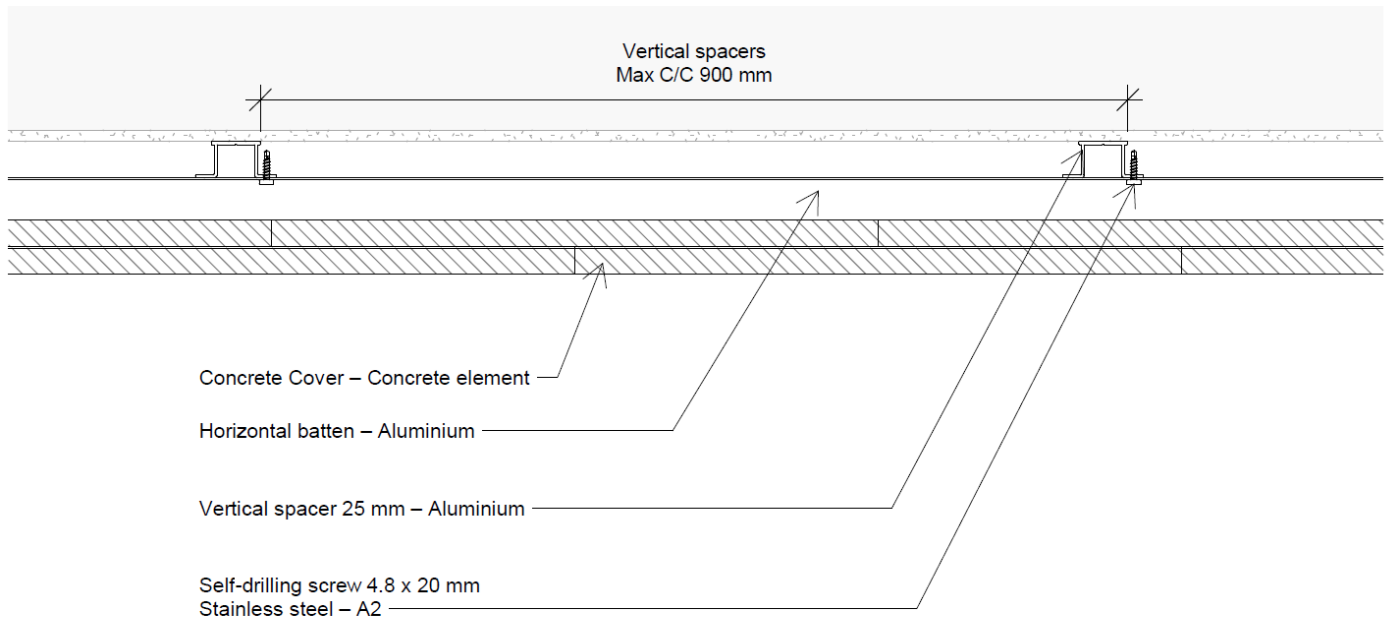
<p><b>KOMPROMENT cladding kit type Pantheon Nordic &amp; Tempel Earth</b></p>	<p>Annex 3</p>
<p><b>Installation examples</b> Horizontal view</p>	



**KOMPROMENT cladding kit type Vidar Ceramic & Vidar Clay Shingles**

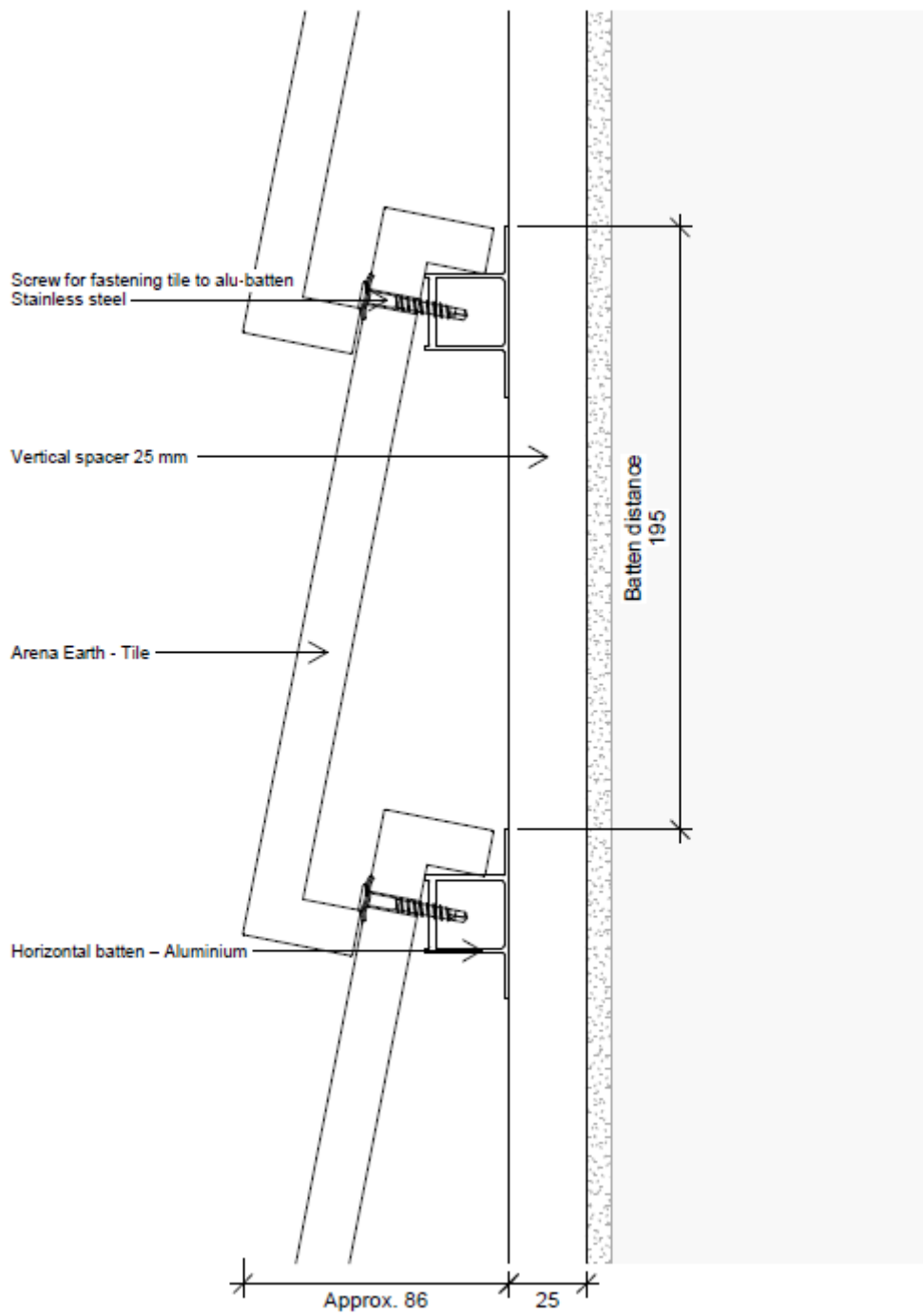
**Installation examples**  
Horizontal view

Annex 3



<b>KOMPROMENT cladding kit type Concrete Cover</b>	
<b>Installation examples</b> Horizontal view	Annex 3

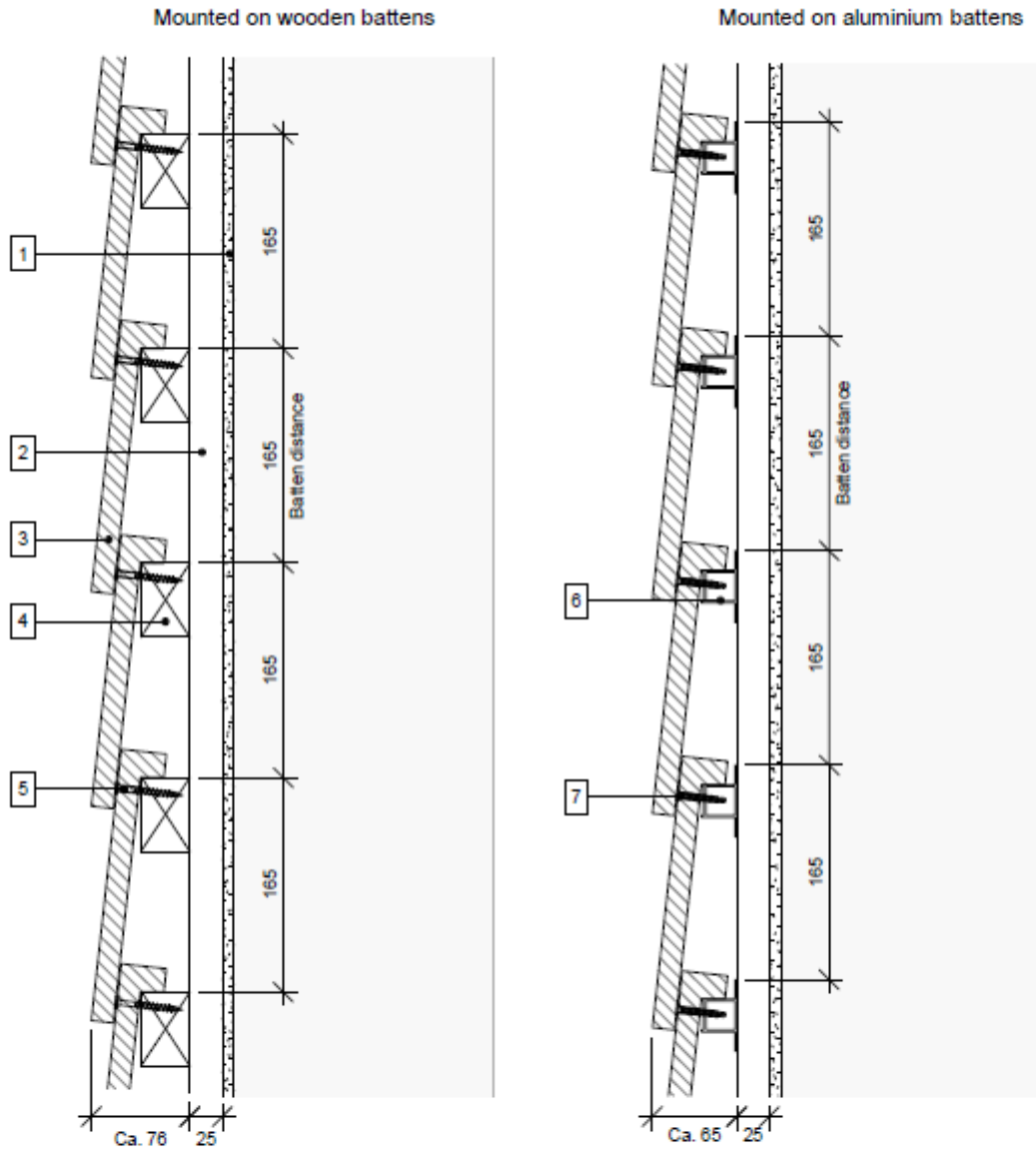




**KOMPROMENT cladding kit type Arena Earth**

**Installation examples**  
Vertical view – Aluminium battens

Annex 4



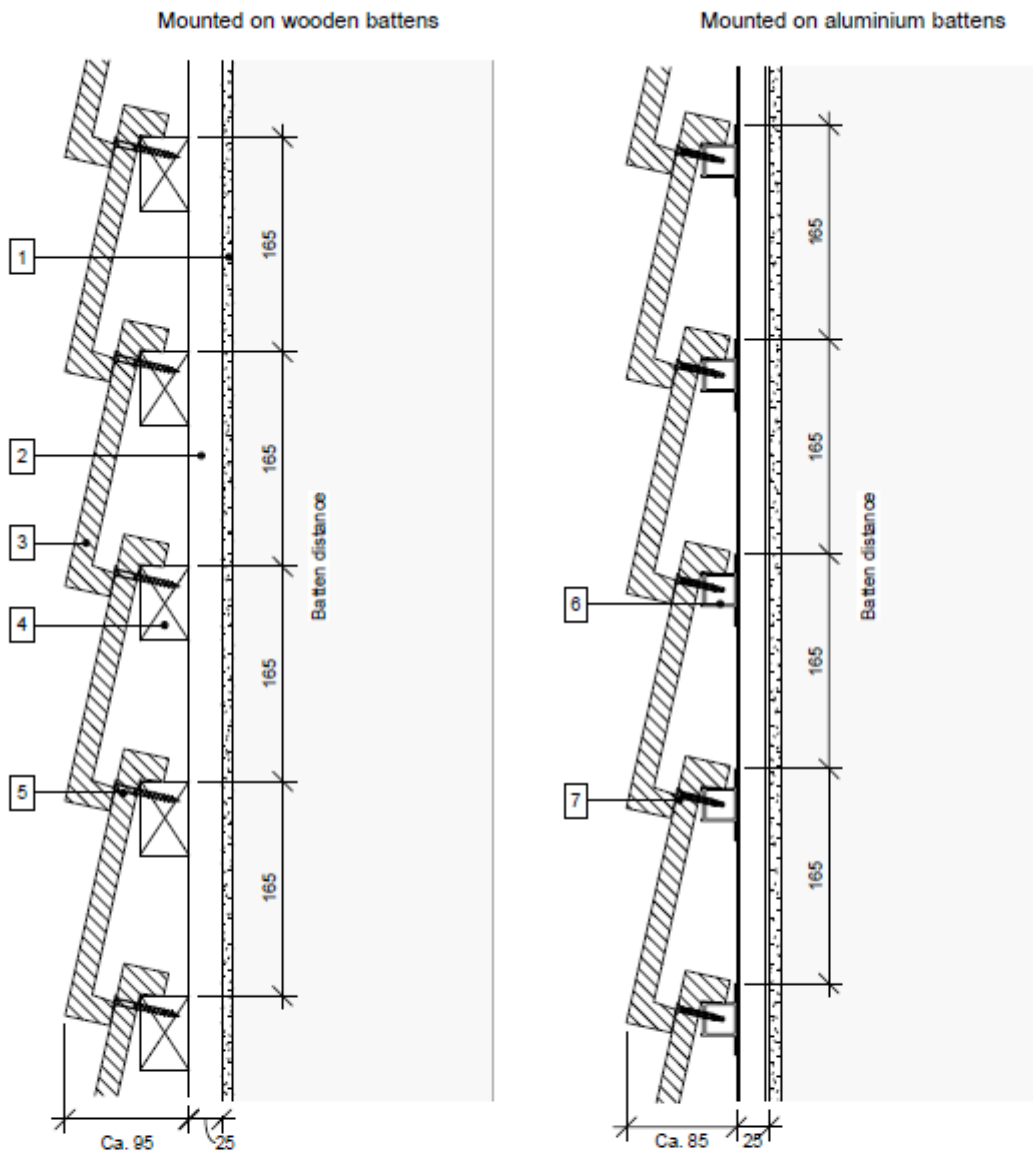
- 1 Wind plate
- 2 Vertical spacer 25 mm
- 3 Colosseum Nordic - Tile
- 4 Horizontal batten – Wood according to present laws

- 5 Komproment screw for wood battens  
Stainless steel - A2
- 6 Horizontal batten – Aluminium
- 7 Self drilling Komproment screw for alu battens  
Stainless steel - A2

**KOMPROMENT cladding kit type Colosseum Nordic**

**Installation examples**  
Vertical view – Aluminium and wood battens

Annex 4

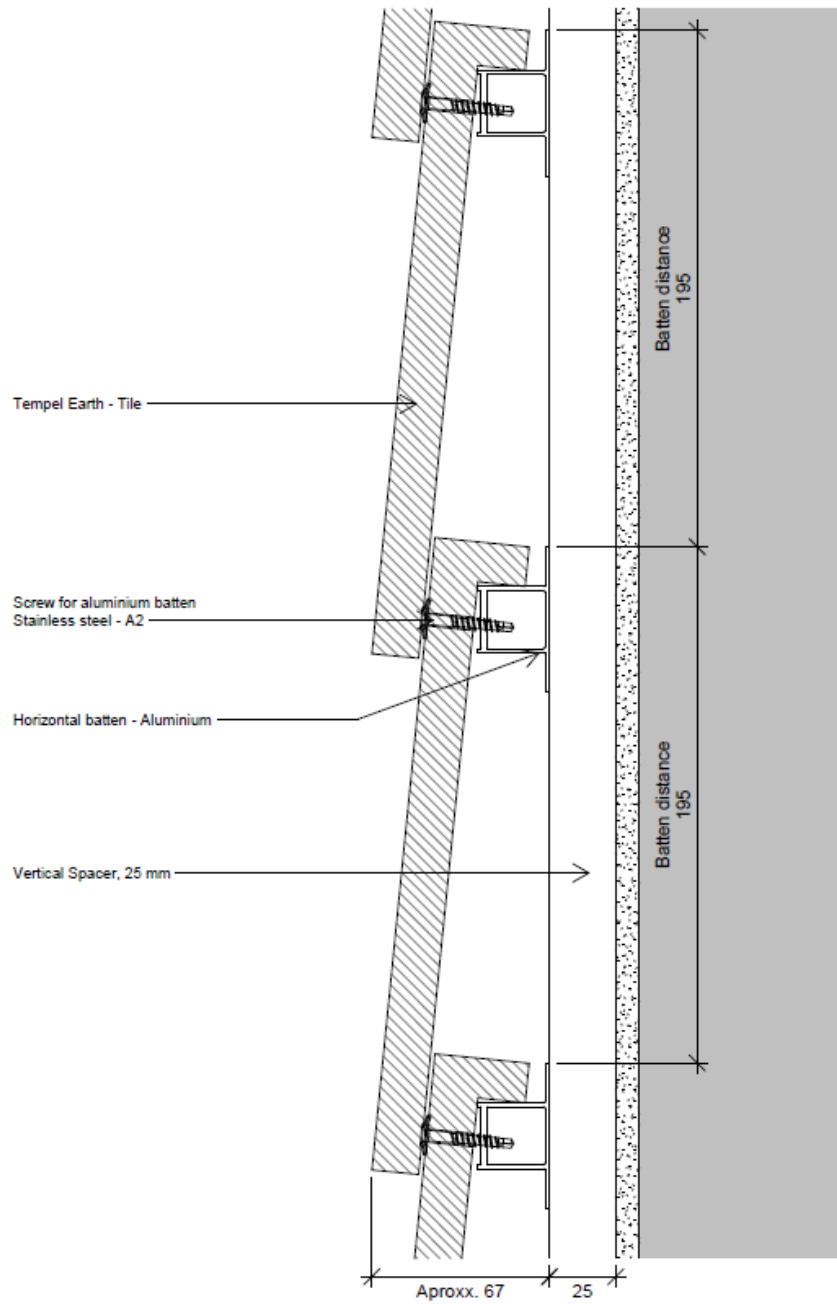


- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li><b>1</b> Wind plate</li> <li><b>2</b> Vertical spacer 25 mm</li> <li><b>3</b> Pantheon Nordic tile</li> <li><b>4</b> Horizontal batten – Wood according to present laws</li> </ul> | <ul style="list-style-type: none"> <li><b>5</b> Komproment screw for wood battens<br/>Stainless steel - A2</li> <li><b>6</b> Horizontal batten - Aluminium</li> <li><b>7</b> Self drilling Komproment screw for alu battens<br/>Stainless steel - A2</li> </ul> |
|---|---|

**KOMPROMENT cladding kit type Pantheon Nordic**

**Installation examples**  
Vertical view – Aluminium and wood battens

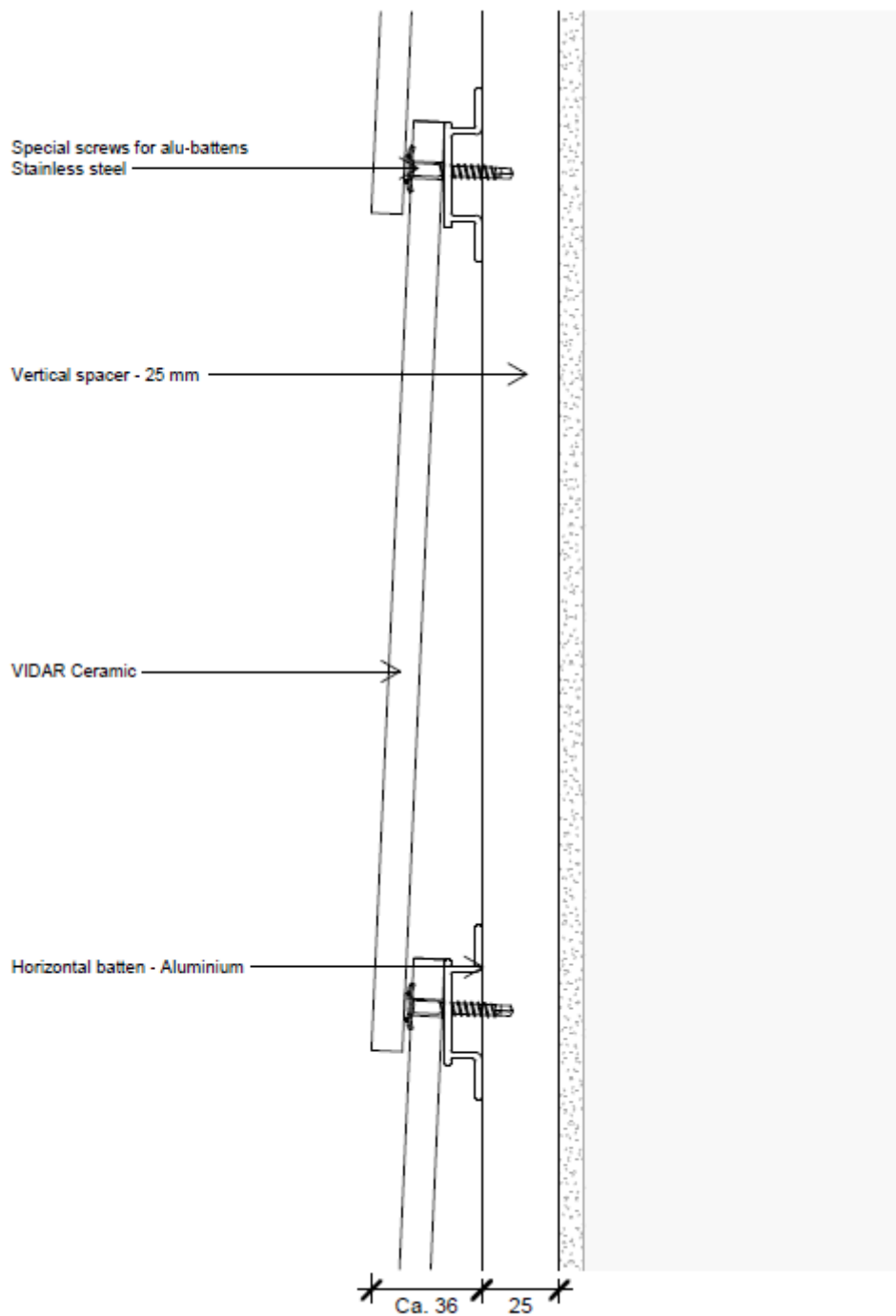
Annex 4



**KOMPROMENT cladding kit type Tempel Earth**

**Installation examples**  
Vertical view – Aluminium battens

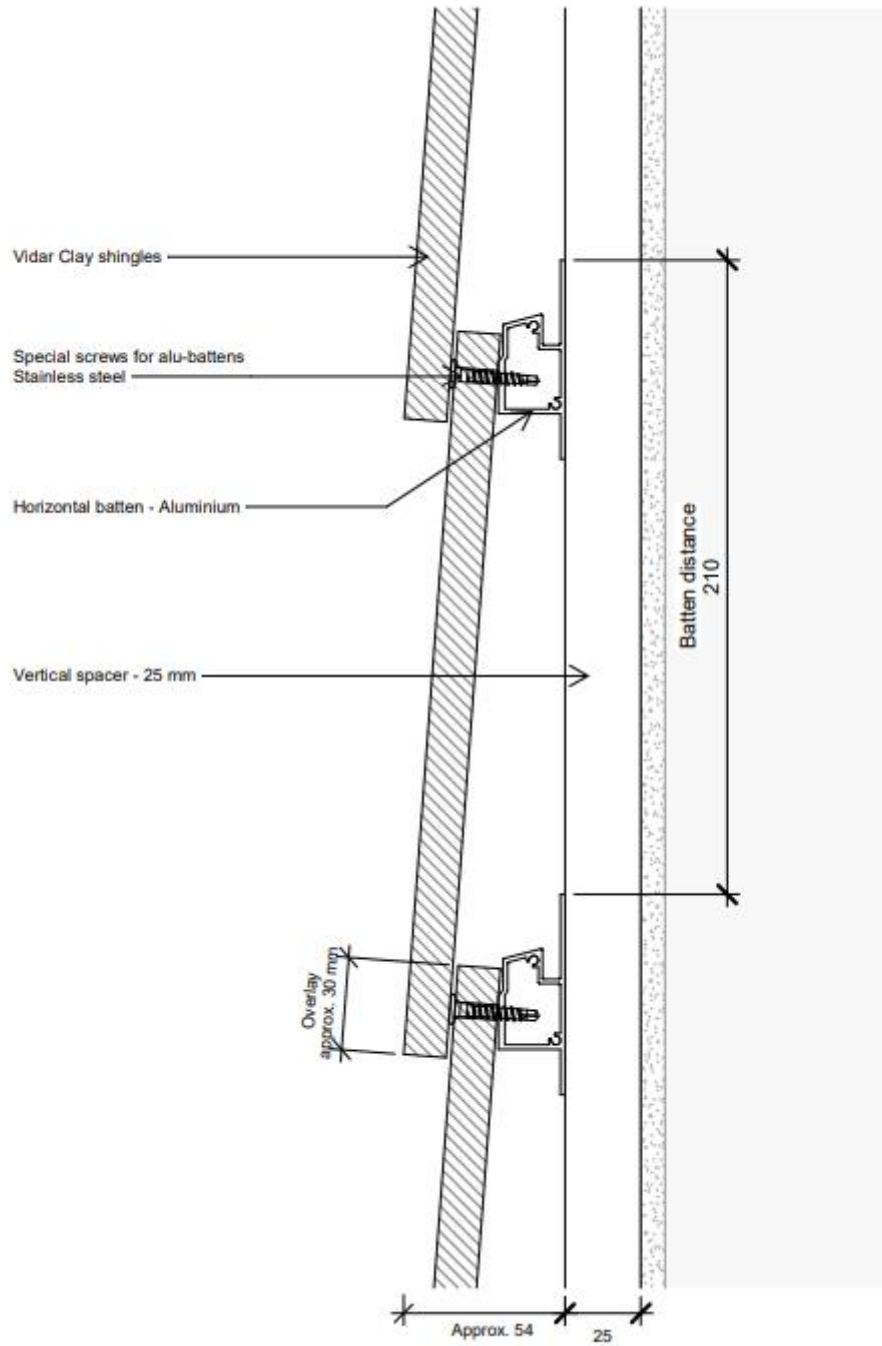
Annex 4



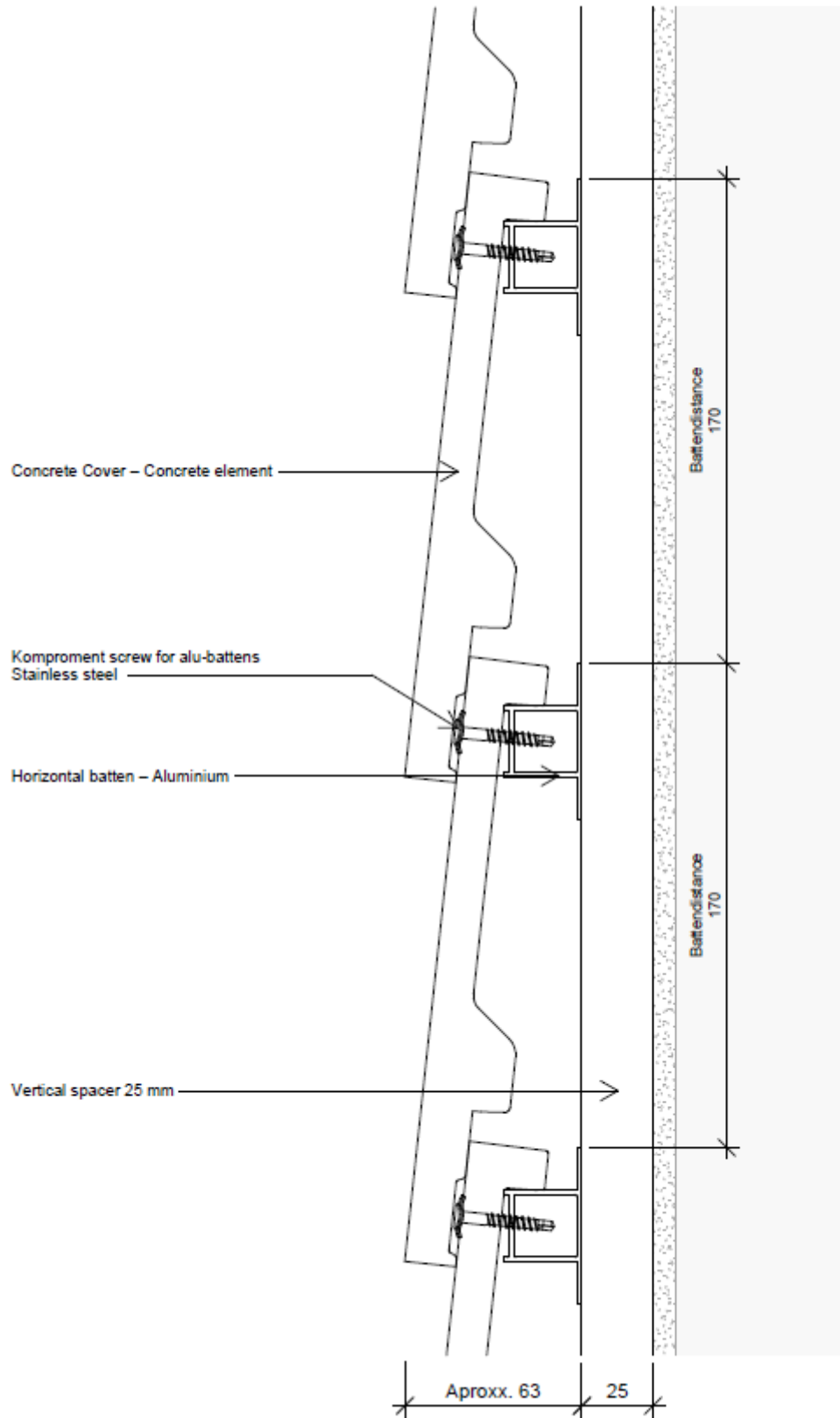
**KOMPROMENT cladding kit type Vidar Ceramic**

**Installation examples**  
Vertical view – Aluminium battens

Annex 4



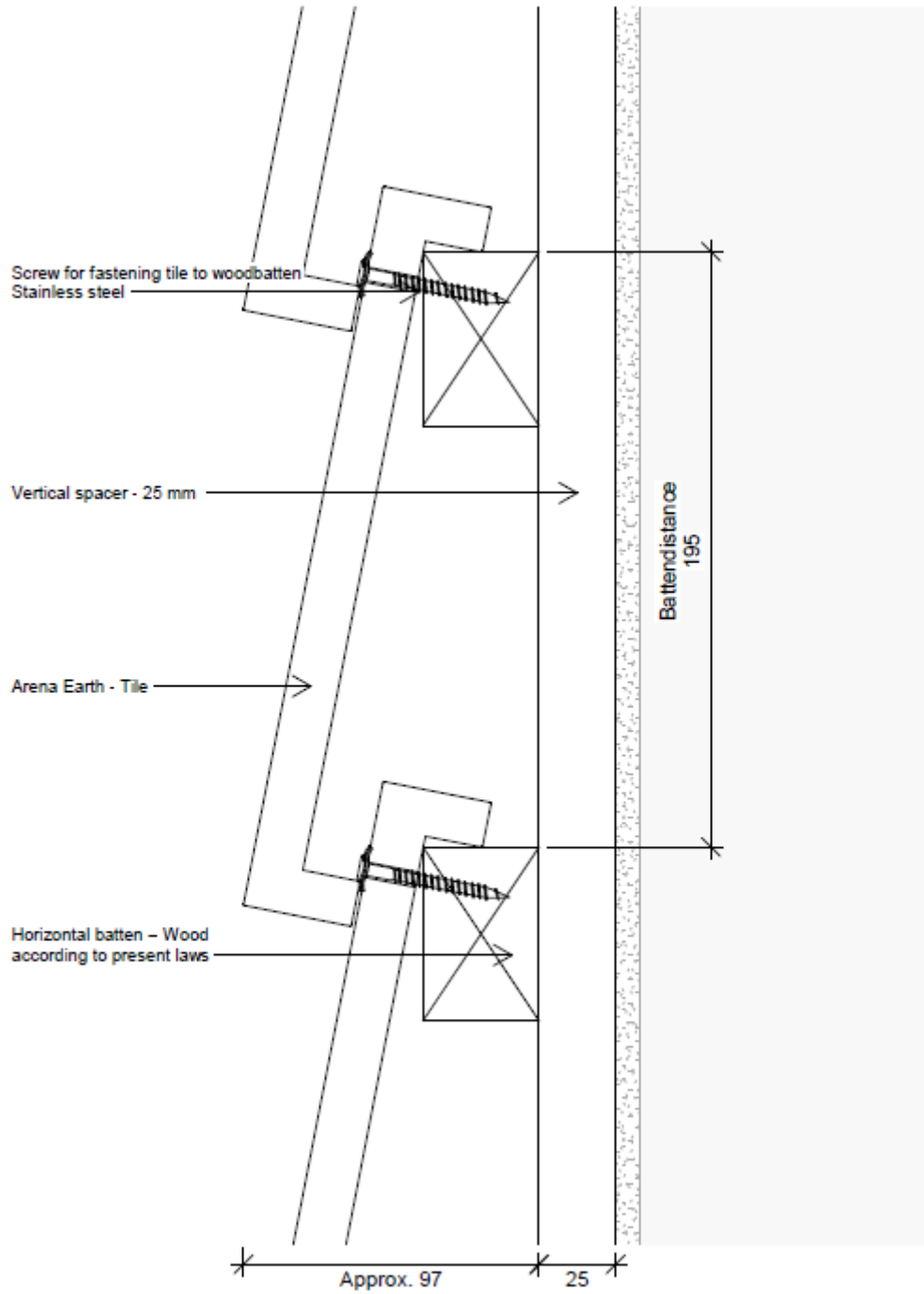
<p><b>KOMPROMENT cladding kit type Vidar Clay Shingles</b></p>	<p>Annex 4</p>
<p><b>Installation examples</b> Vertical view – Aluminium battens</p>	



**KOMPROMENT cladding kit type Concrete Cover**

**Installation examples**  
Vertical view – Aluminium battens

Annex 4

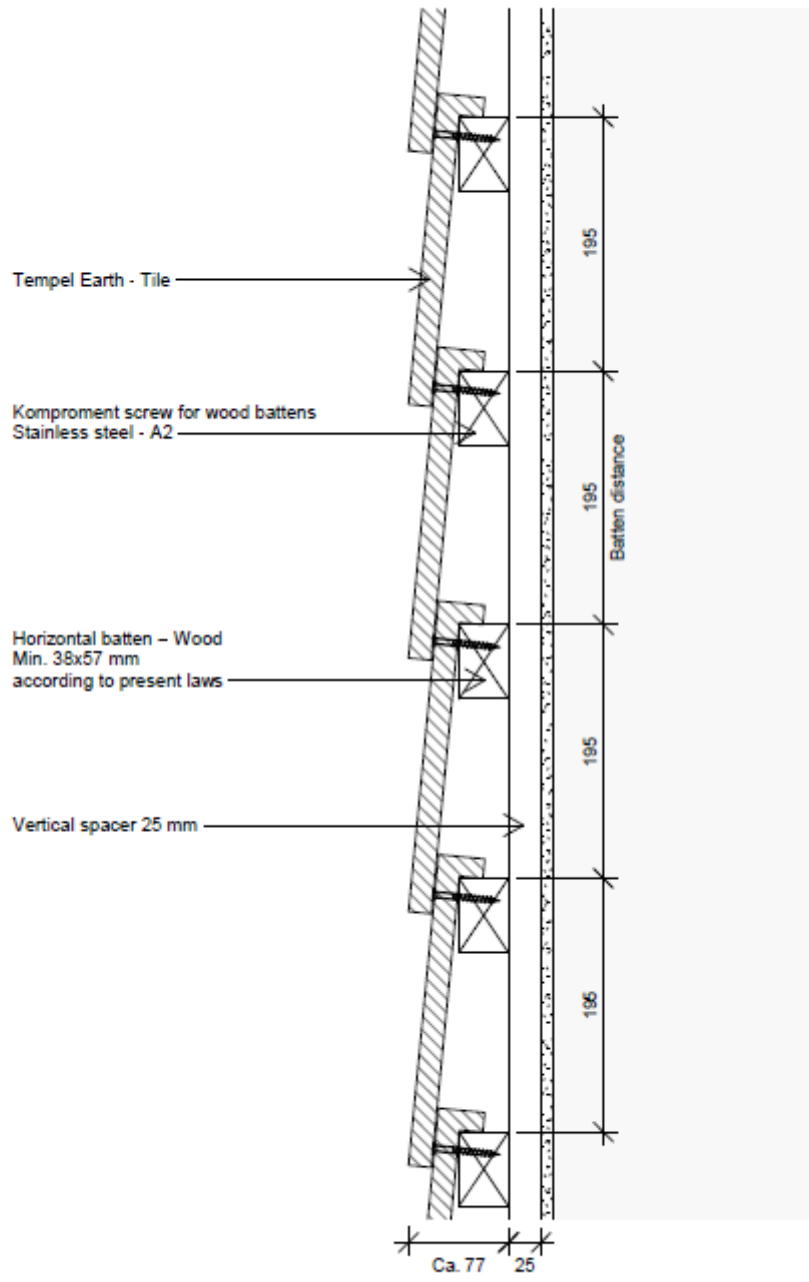


**KOMPROMENT cladding kit type Arena Earth**

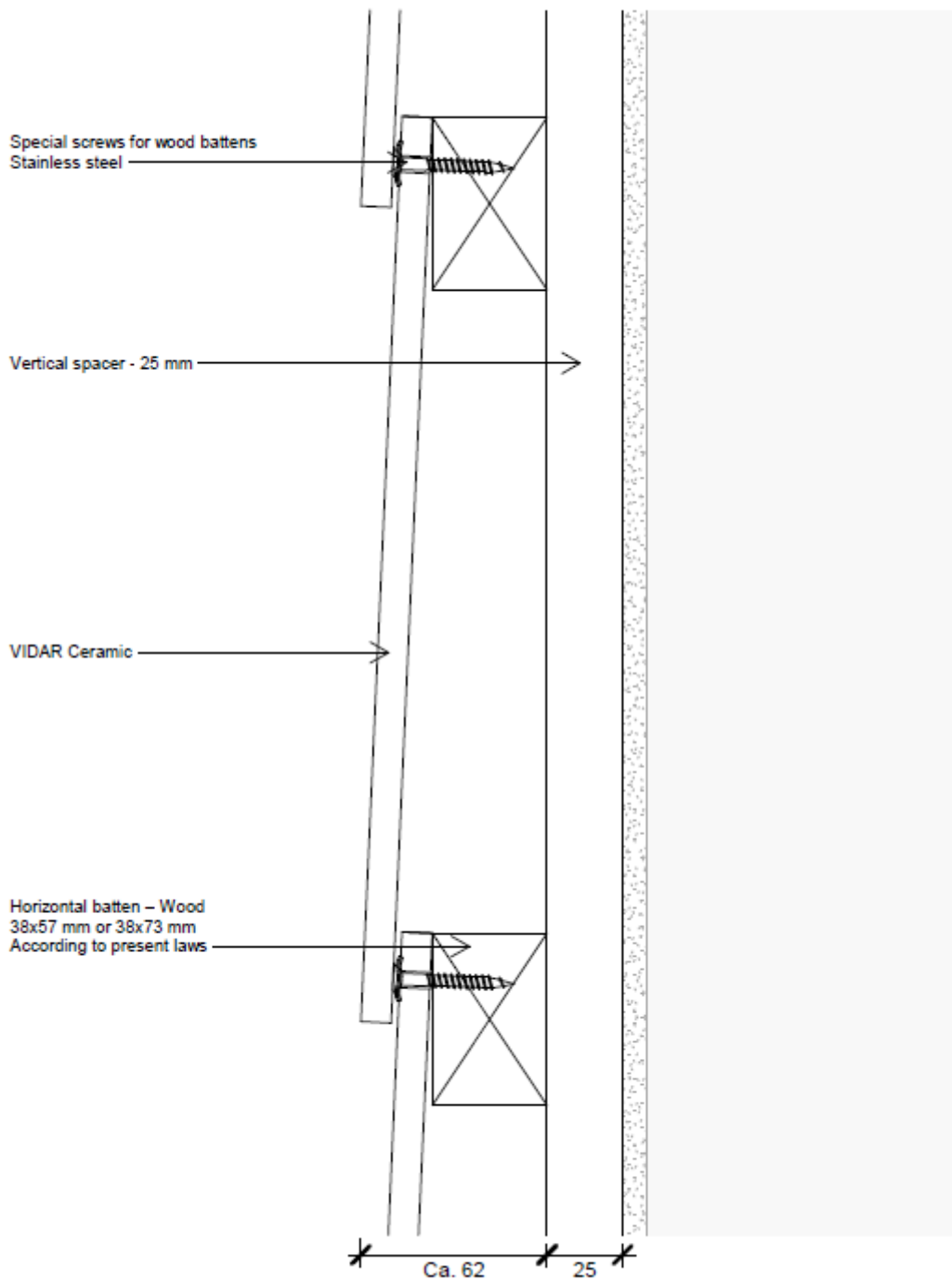
**Installation examples**  
Vertical view – Wood battens

Annex 5

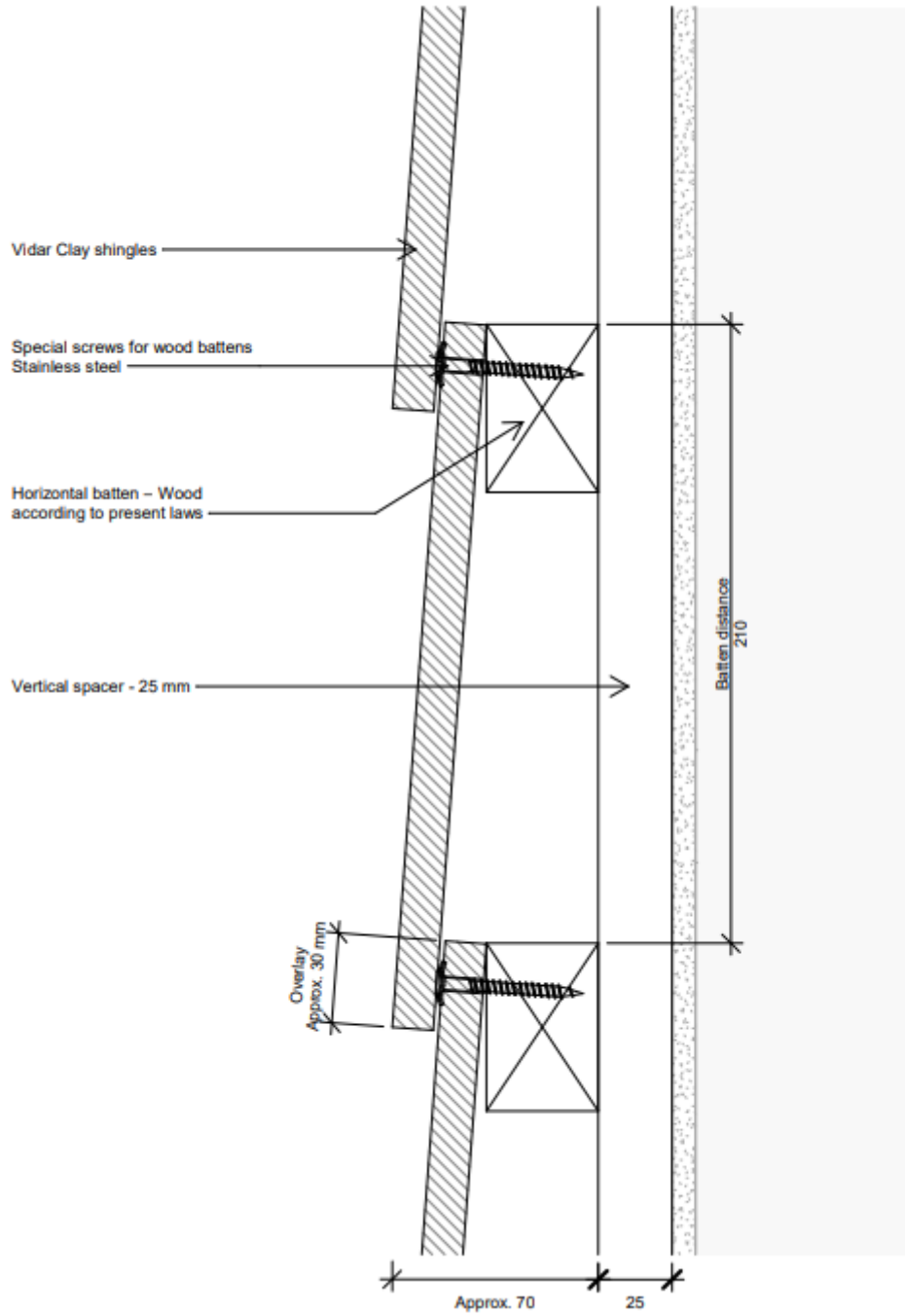




<p><b>KOMPROMENT cladding kit type Tempel Earth</b></p>	<p>Annex 5</p>
<p><b>Installation examples</b> Vertical view – Wood battens</p>	



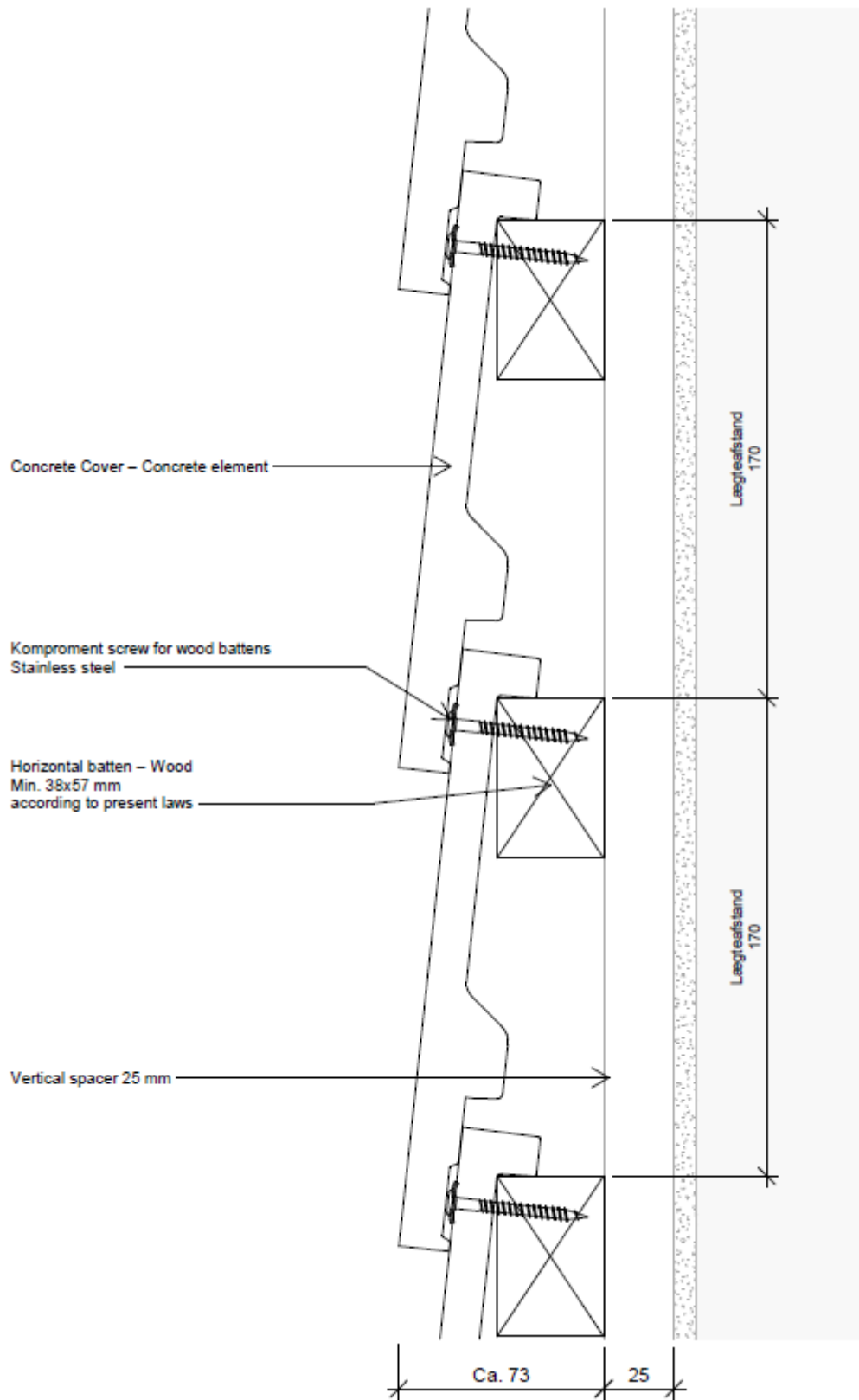
<p><b>KOMPROMENT cladding kit type Vidar Ceramic</b></p>	<p>Annex 5</p>
<p><b>Installation examples</b> Vertical view – Wood battens</p>	



**KOMPROMENT cladding kit type Vidar Clay Shingles**

**Installation examples**  
Vertical view – Wood battens

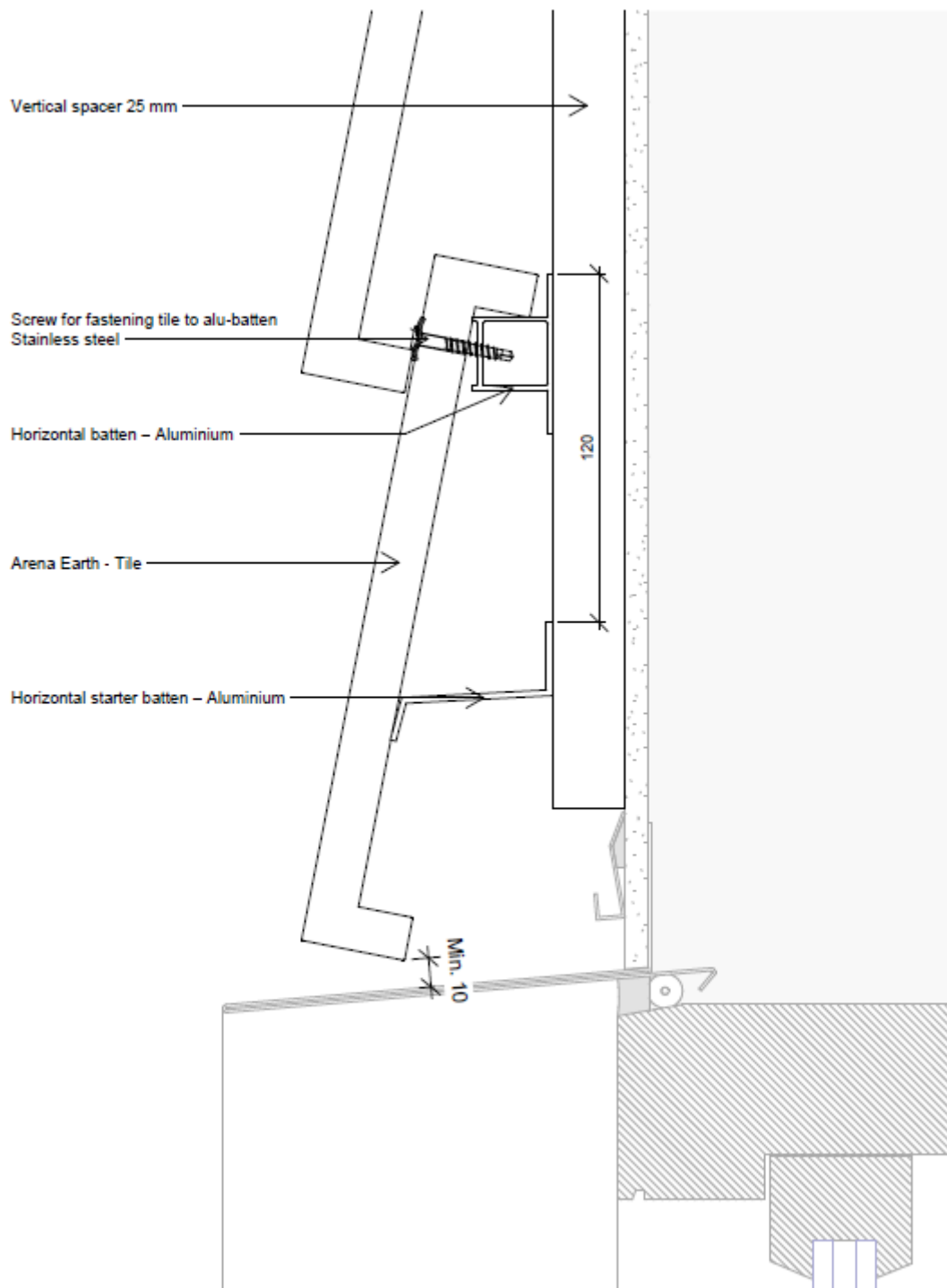
Annex 5



**KOMPROMENT cladding kit type Concrete Cover**

**Installation examples**  
Vertical view – Wood battens

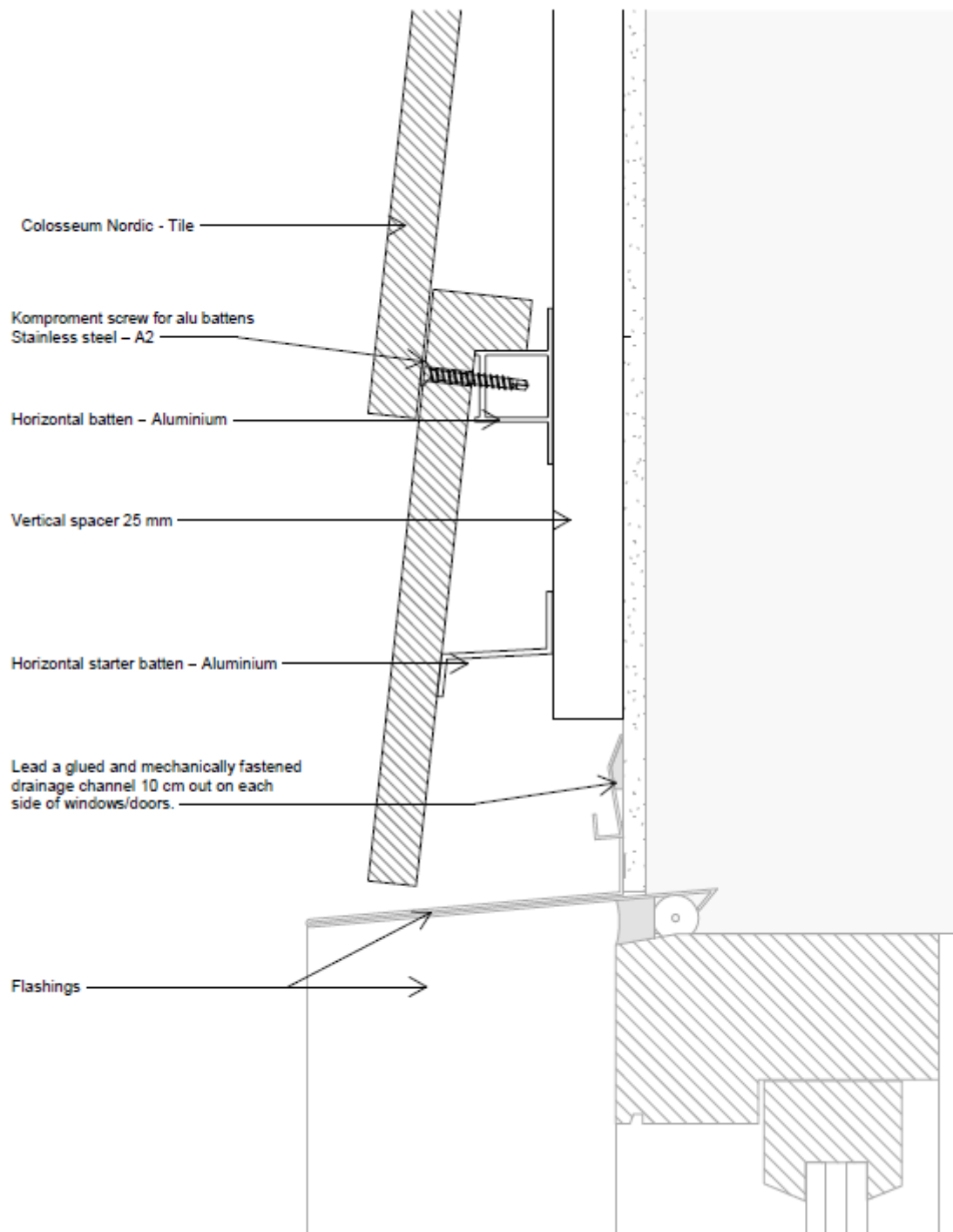
Annex 5



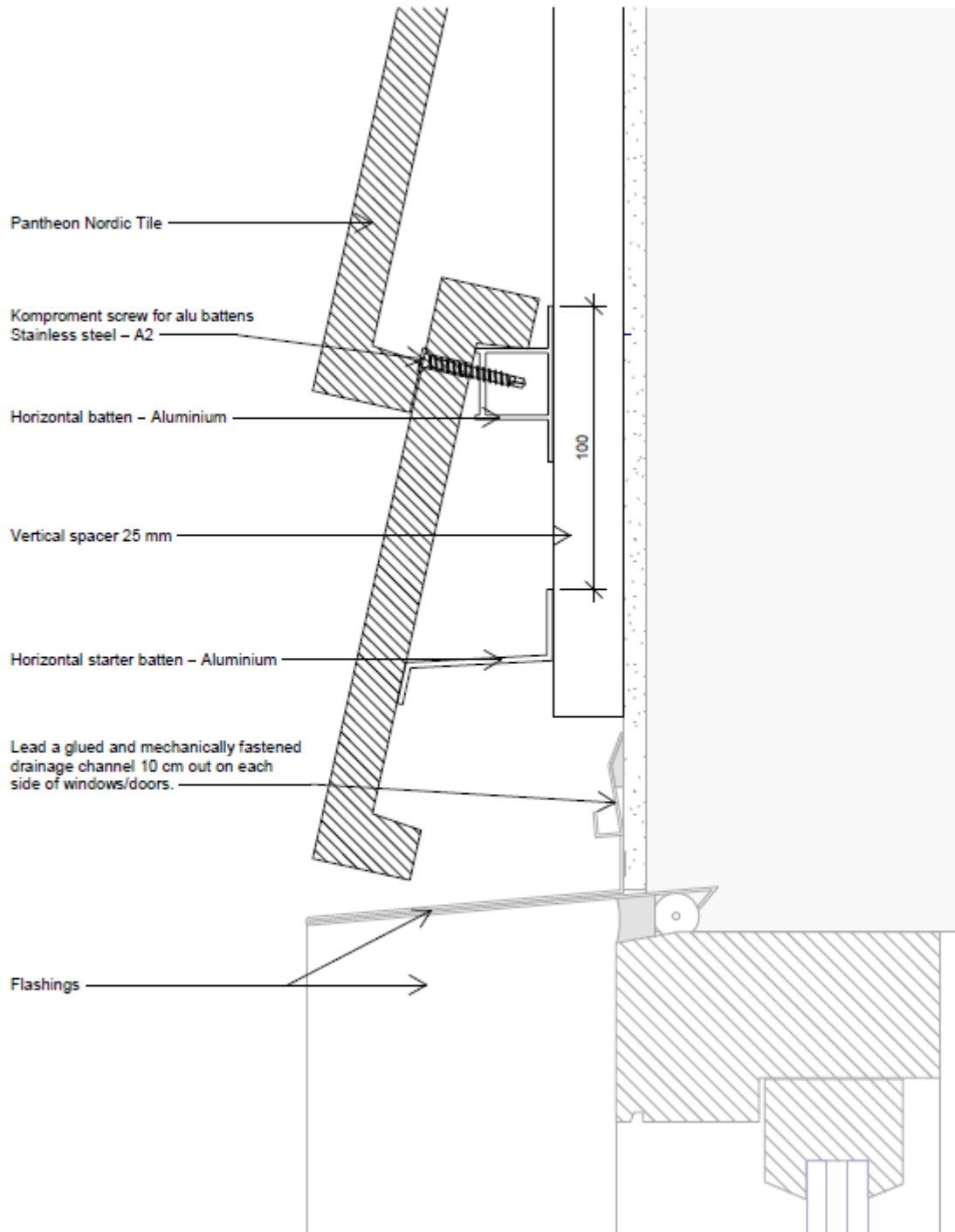
**KOMPROMENT cladding kit type Arena Earth**

**Installation examples**  
Top window/door

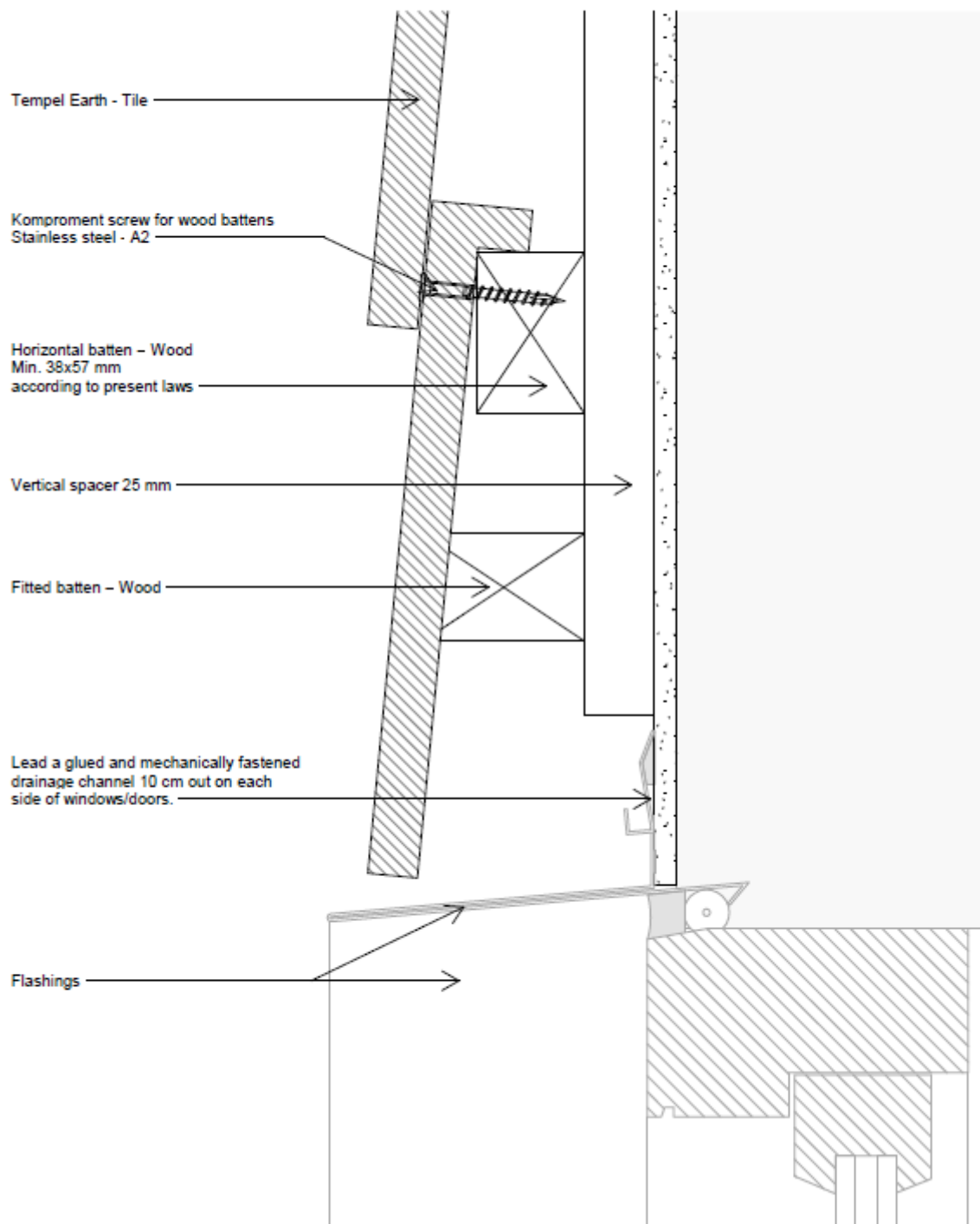
Annex 6



<b>KOMPROMENT cladding kit type Colosseum Nordic</b>	
<b>Installation examples</b> Top window/door	Annex 6



<p><b>KOMPROMENT cladding kit type Pantheon Nordic</b></p>	<p>Annex 6</p>
<p><b>Installation examples</b> Top window/door</p>	

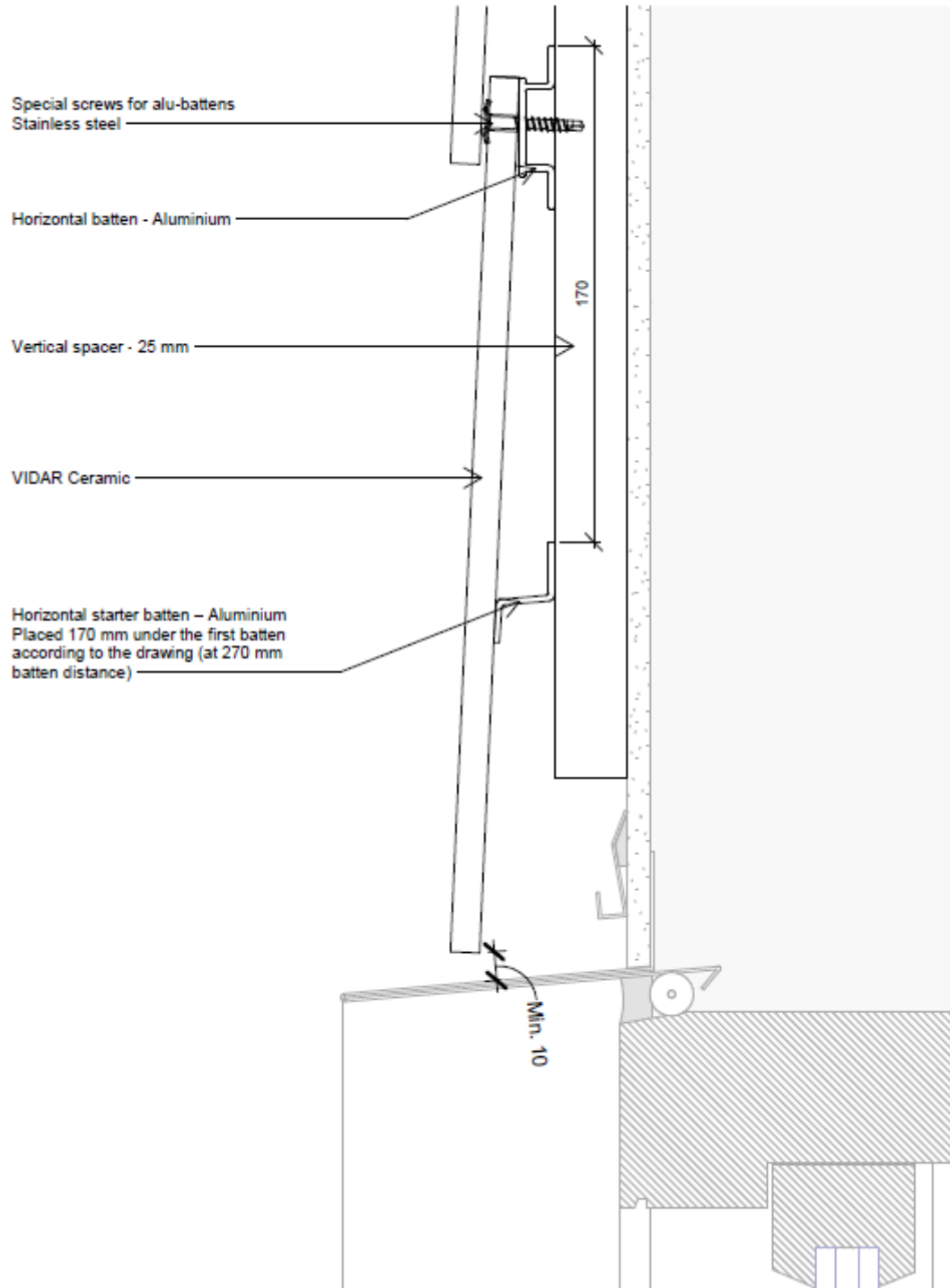


**KOMPROMENT cladding kit type Tempel Earth**

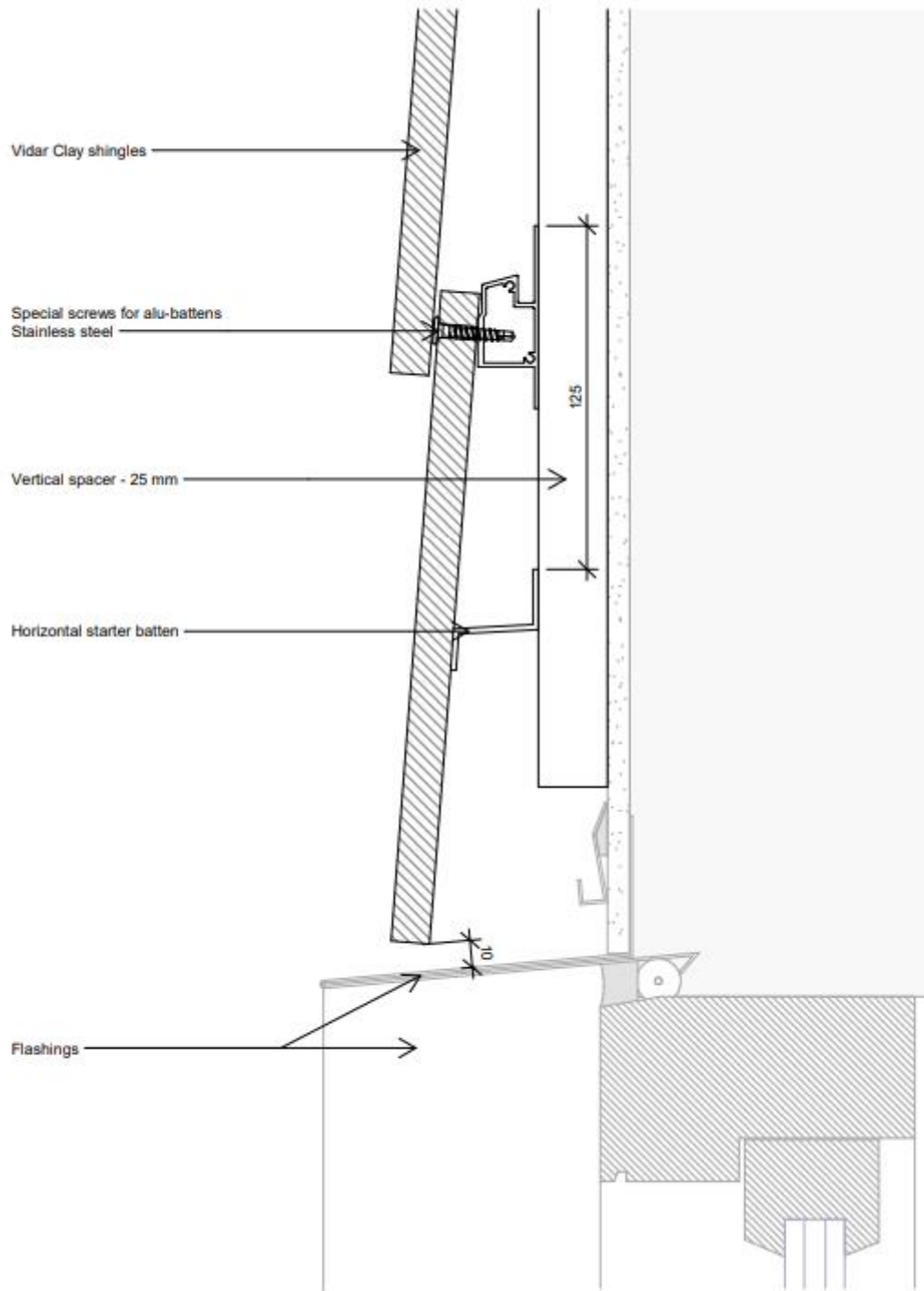
**Installation examples**  
Top window/door

Annex 6

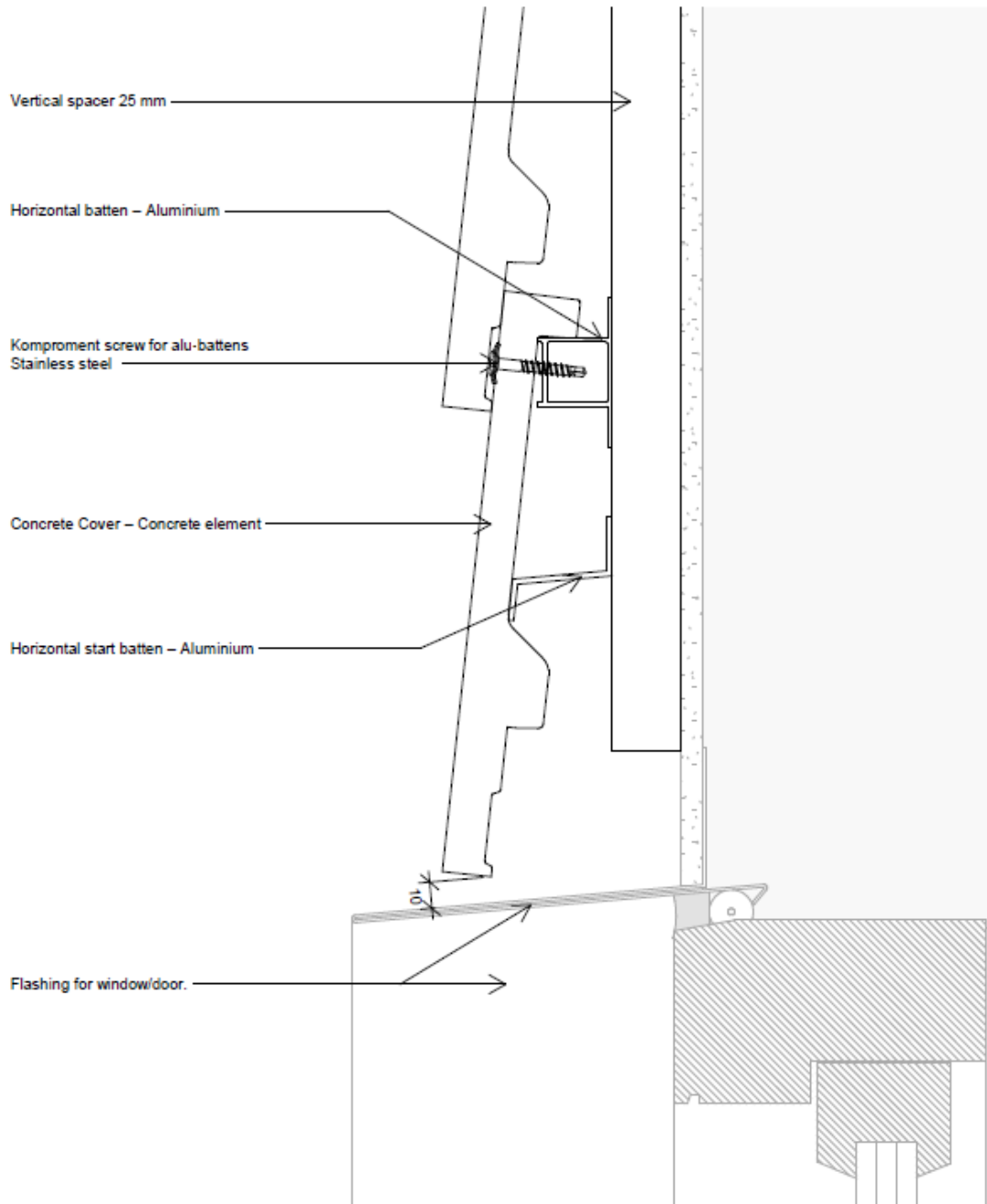




<p><b>KOMPROMENT cladding kit type Vidar Ceramic</b></p>	
<p><b>Installation examples</b> Top window/door</p>	<p>Annex 6</p>



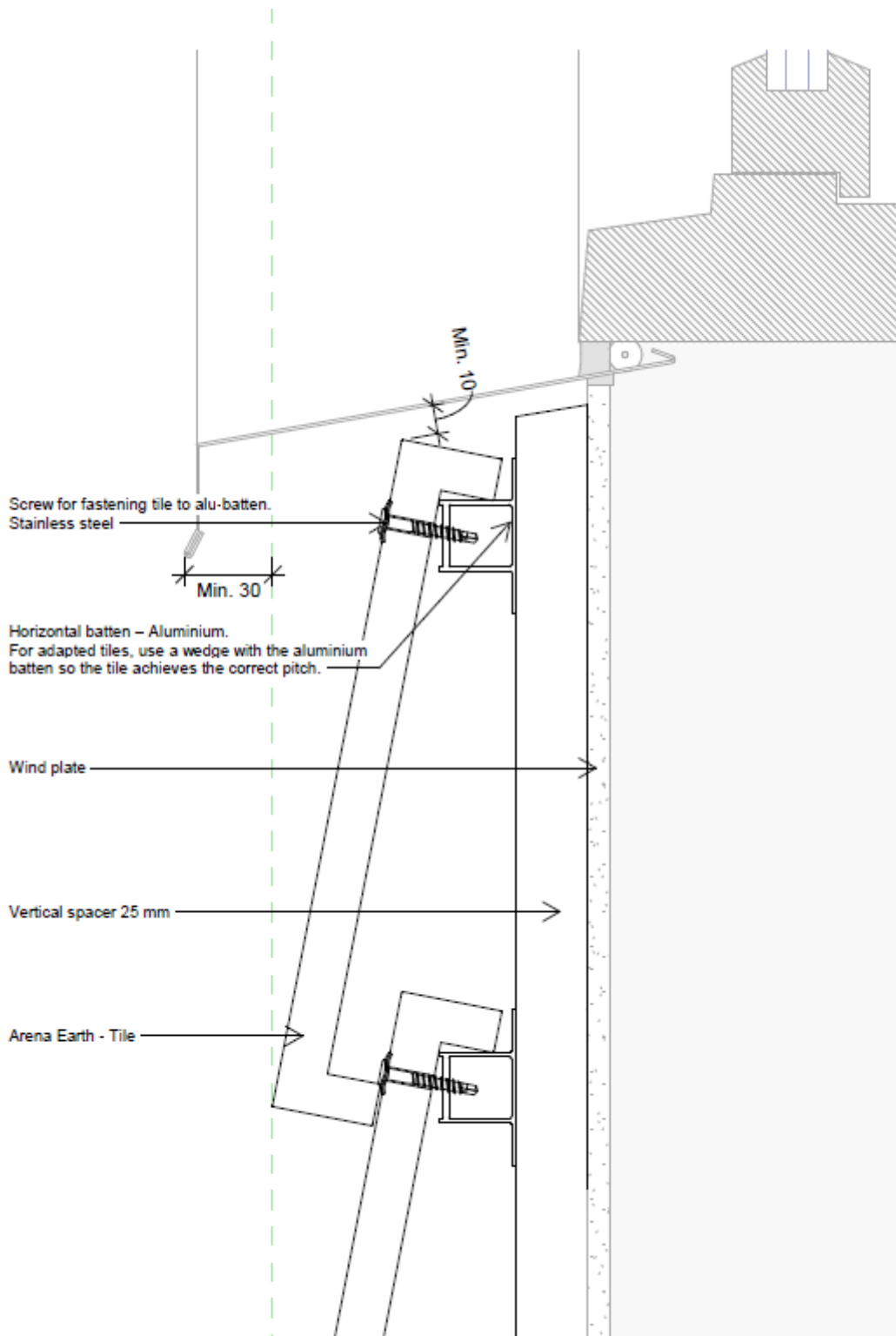
<b>KOMPROMENT cladding kit type Vidar Clay Shingles</b>	
<b>Installation examples</b> Top window/door	Annex 6



**KOMPROMENT cladding kit type Concrete Cover**

**Installation examples**  
Top window/door

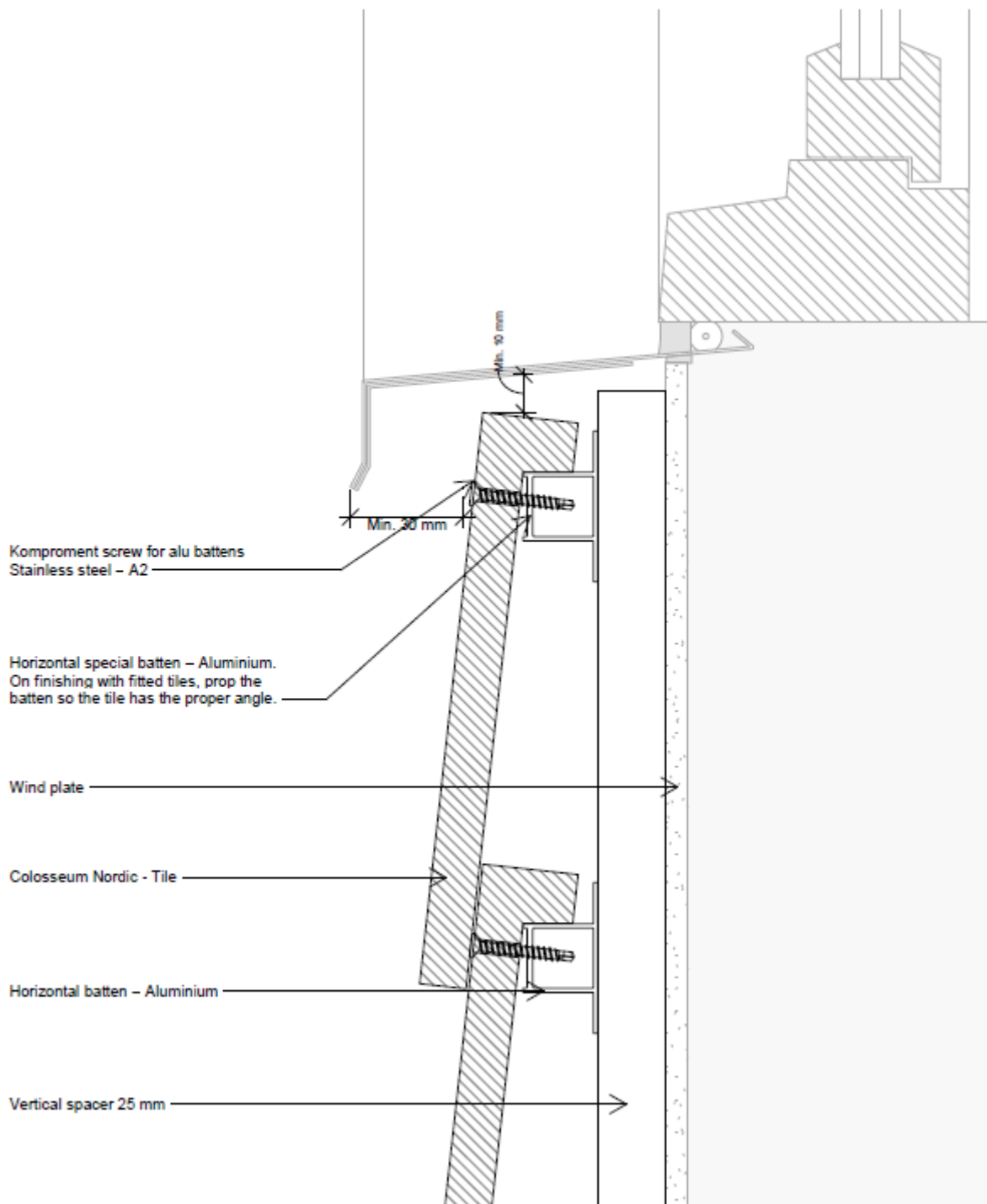
Annex 6



**KOMPROMENT cladding kit type Arena Earth**

**Installation examples**  
Under window

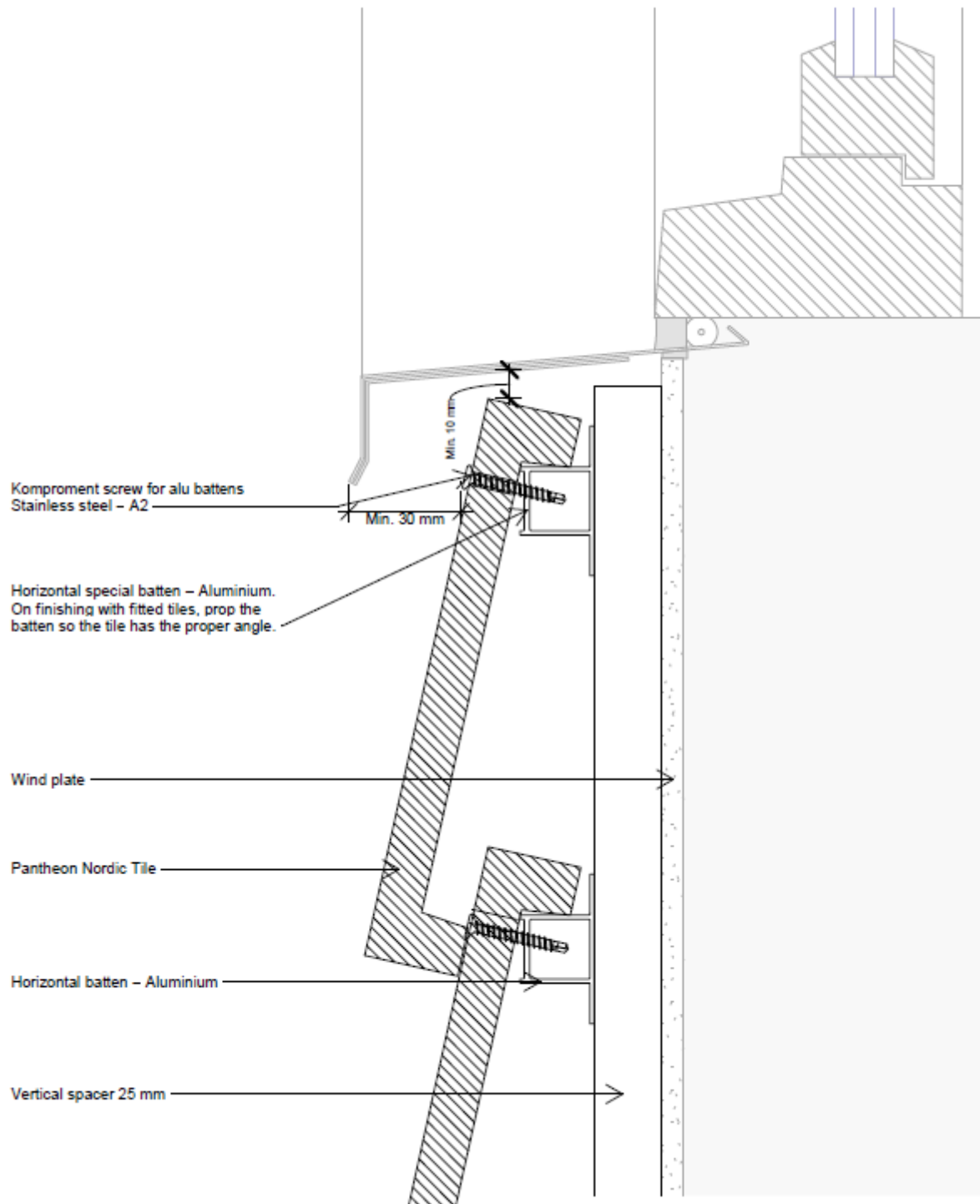
Annex 7



**KOMPROMENT cladding kit type Colosseum Nordic**

**Installation examples**  
Under window

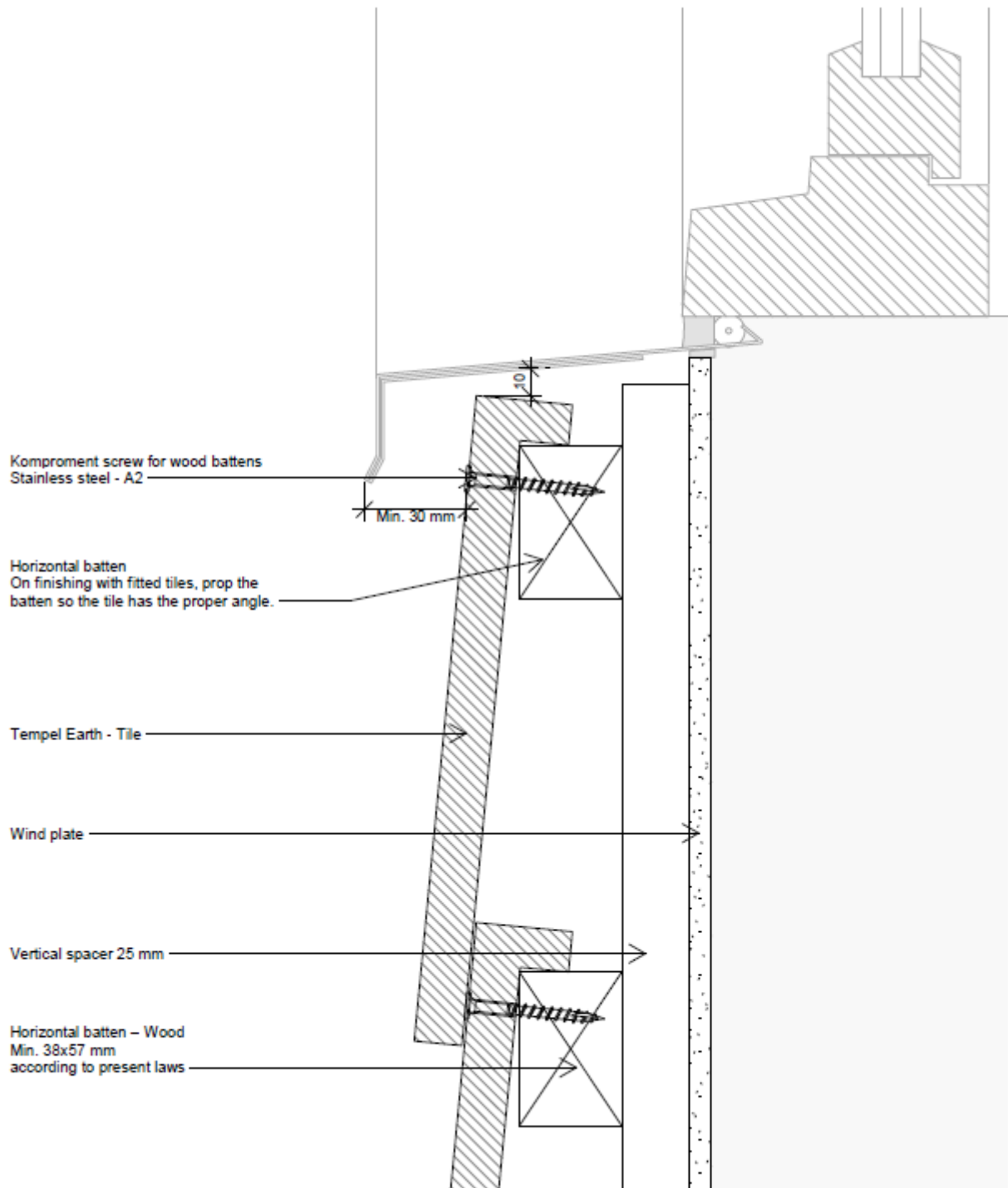
Annex 7



**KOMPROMENT cladding kit type Pantheon Nordic**

**Installation examples**  
Under window

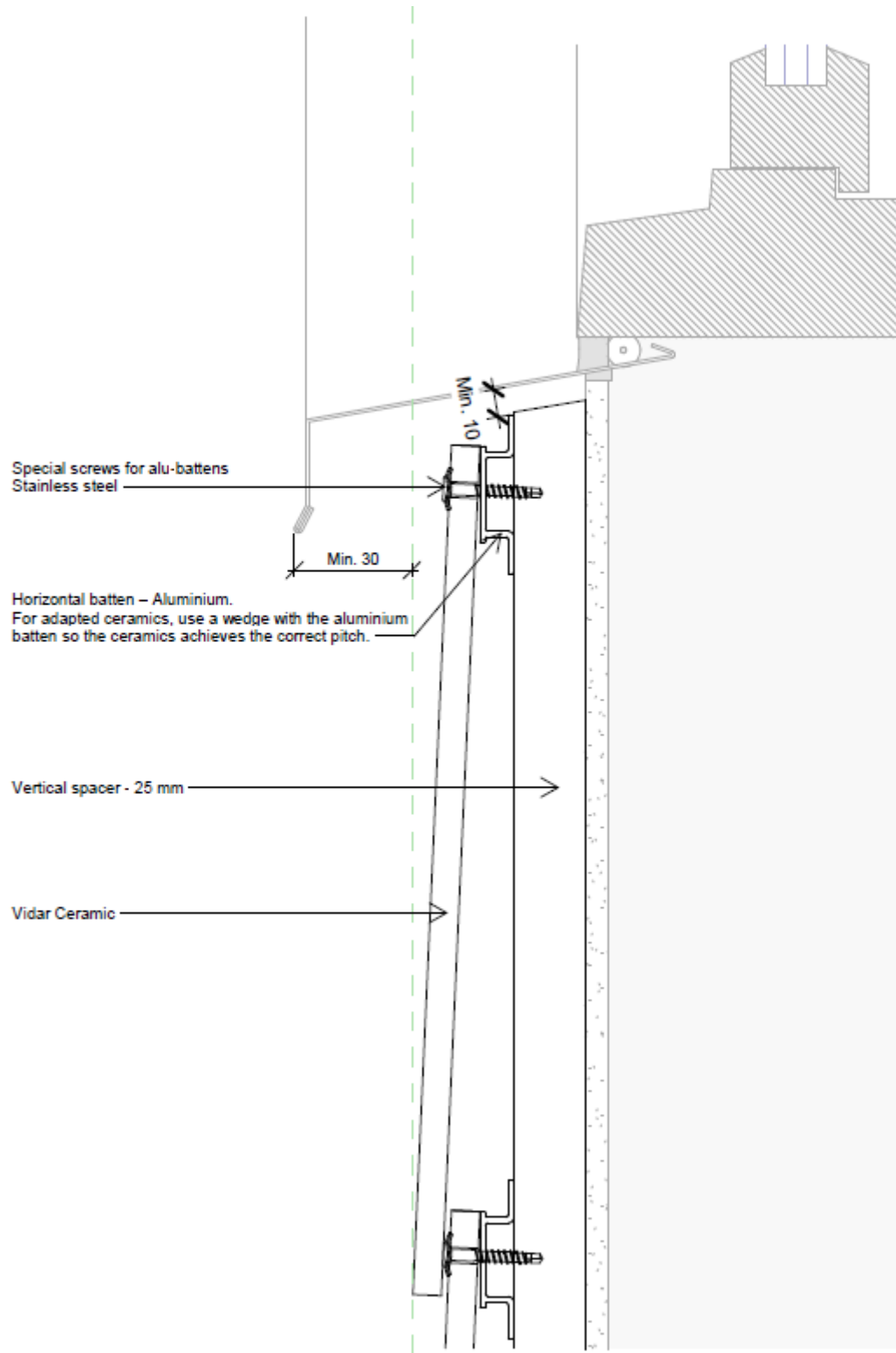
Annex 7



**KOMPROMENT cladding kit type Tempel Earth**

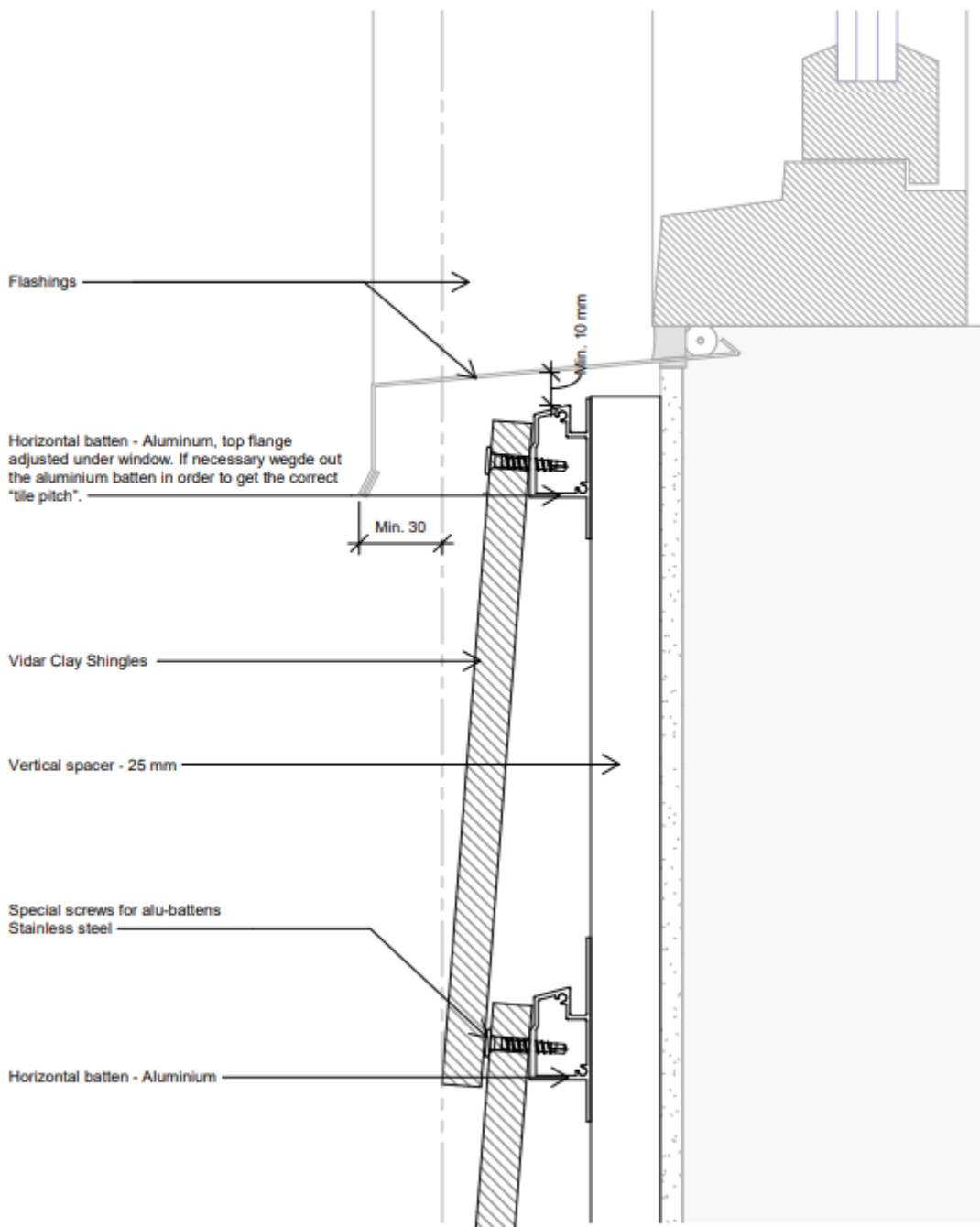
**Installation examples**  
Under window

Annex 7



<p><b>KOMPROMENT cladding kit type Vidar Ceramic</b></p>	<p>Annex 7</p>
<p><b>Installation examples</b> Under window</p>	



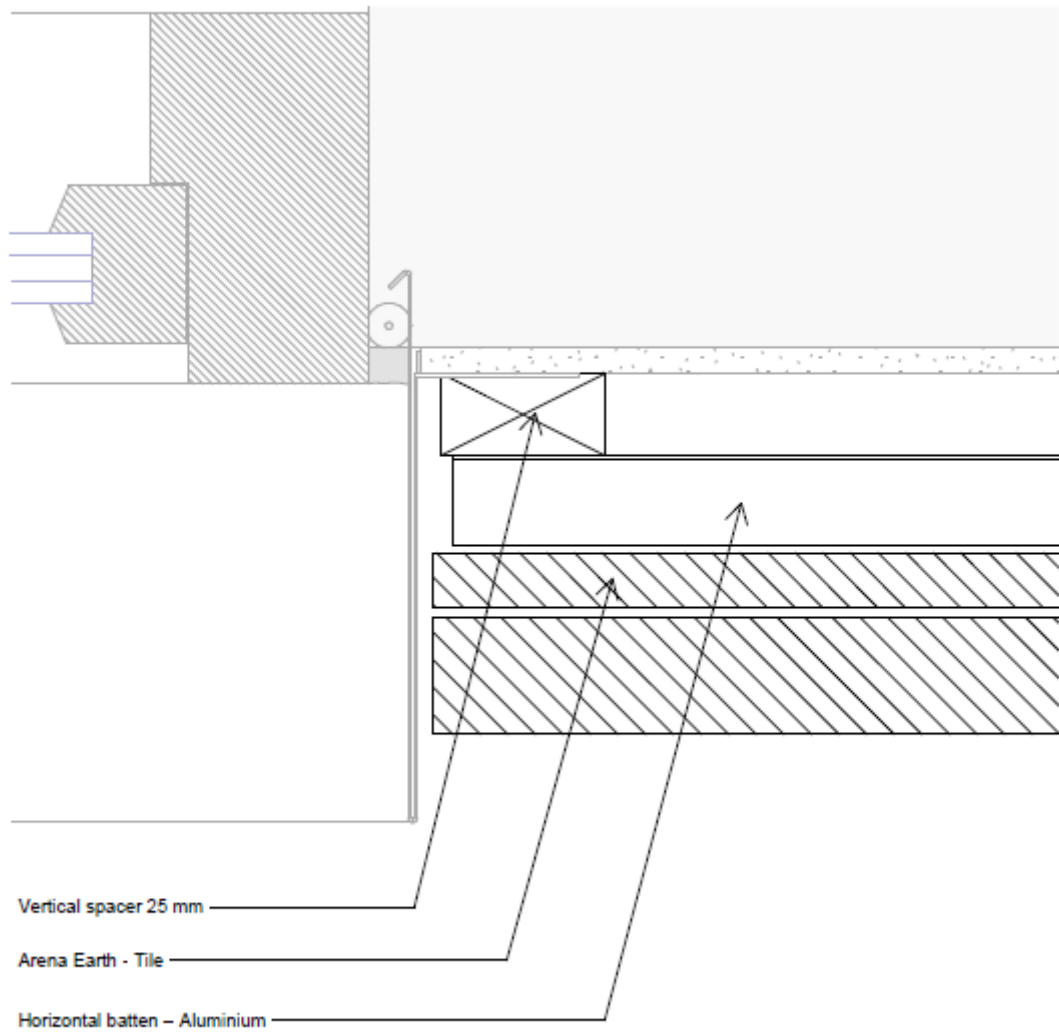


**KOMPROMENT cladding kit type Vidar Clay Shingles**

**Installation examples**  
Under window

Annex 7

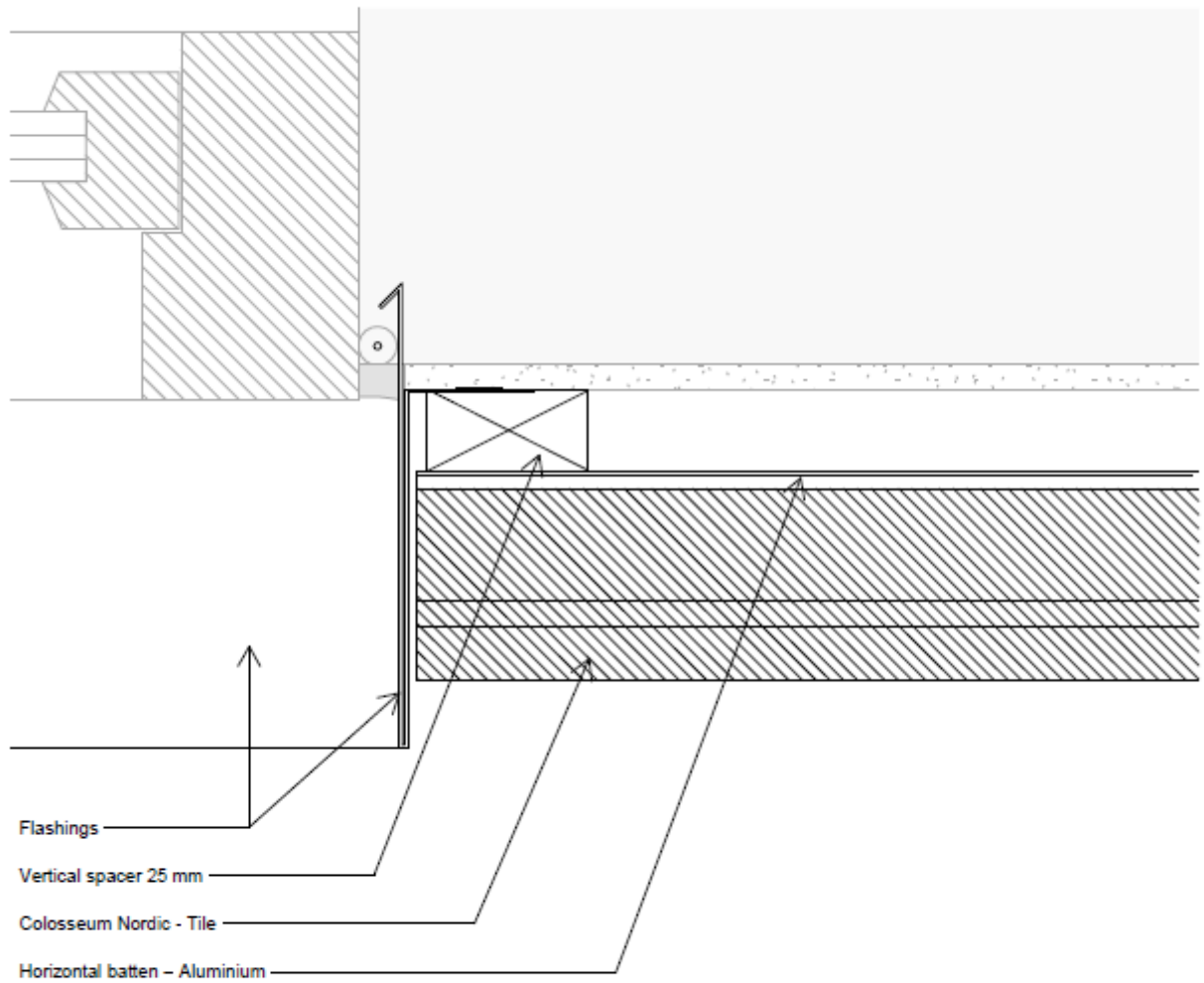
<b>KOMPROMENT cladding kit type Concrete Cover</b>	<i>Annex 7</i>
<b>Installation examples</b> Under window	



**KOMPROMENT cladding kit type Arena Earth**

**Installation examples**  
Window/door horizontal view

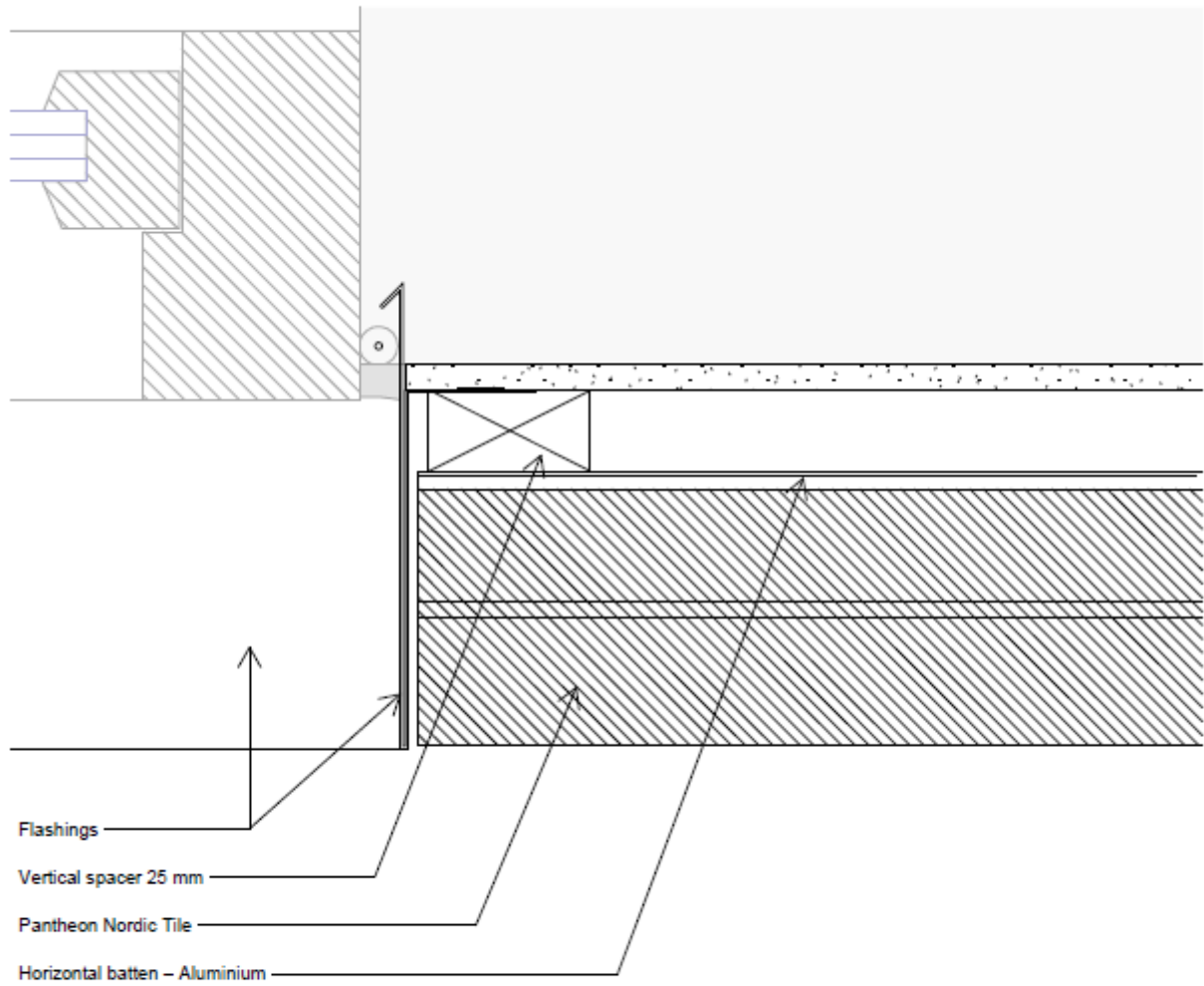
Annex 8



**KOMPROMENT cladding kit type Colosseum Nordic**

**Installation examples**  
Window/door horizontal view

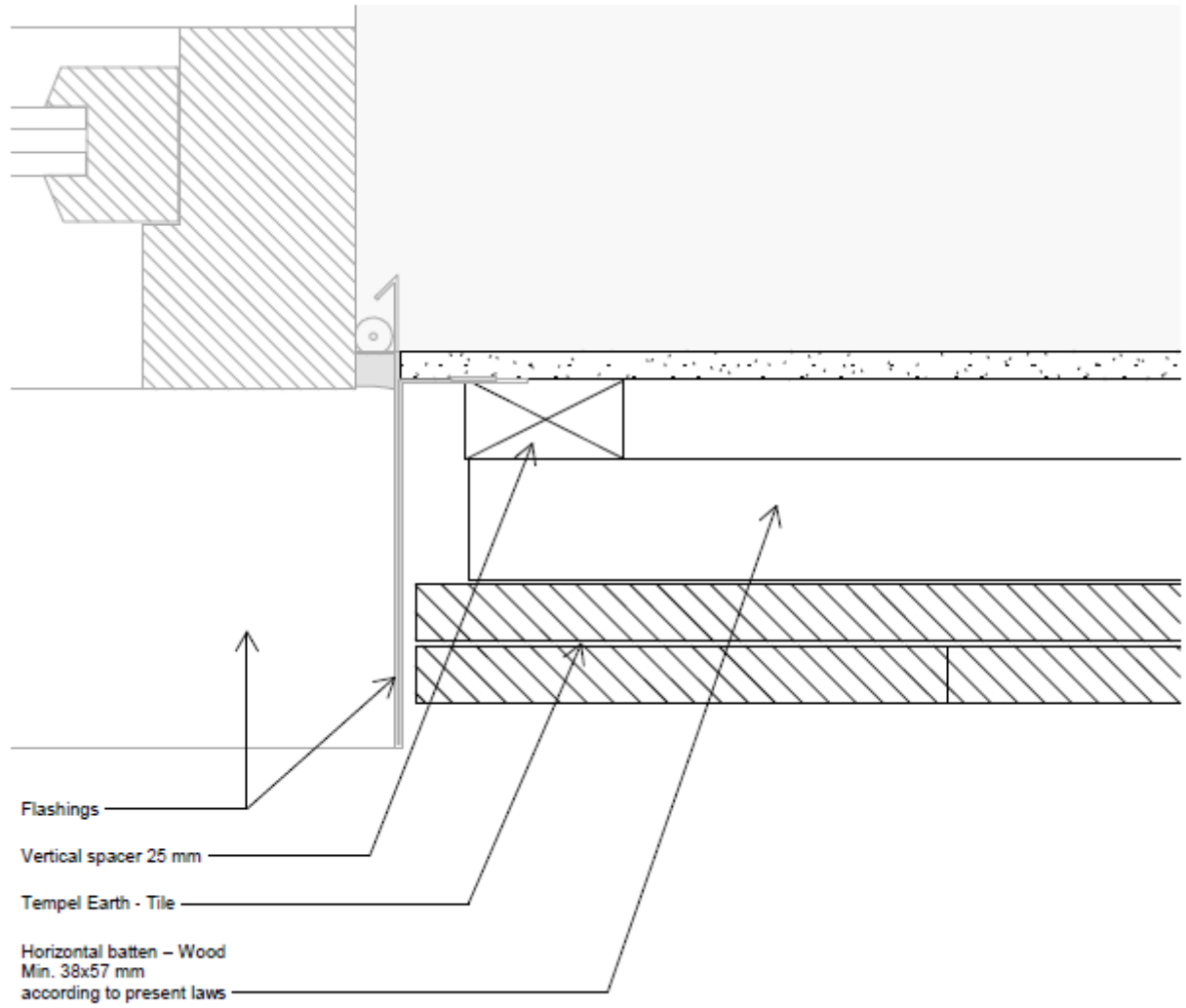
Annex 8



**KOMPROMENT cladding kit type Pantheon Nordic**

**Installation examples**  
Window/door horizontal view

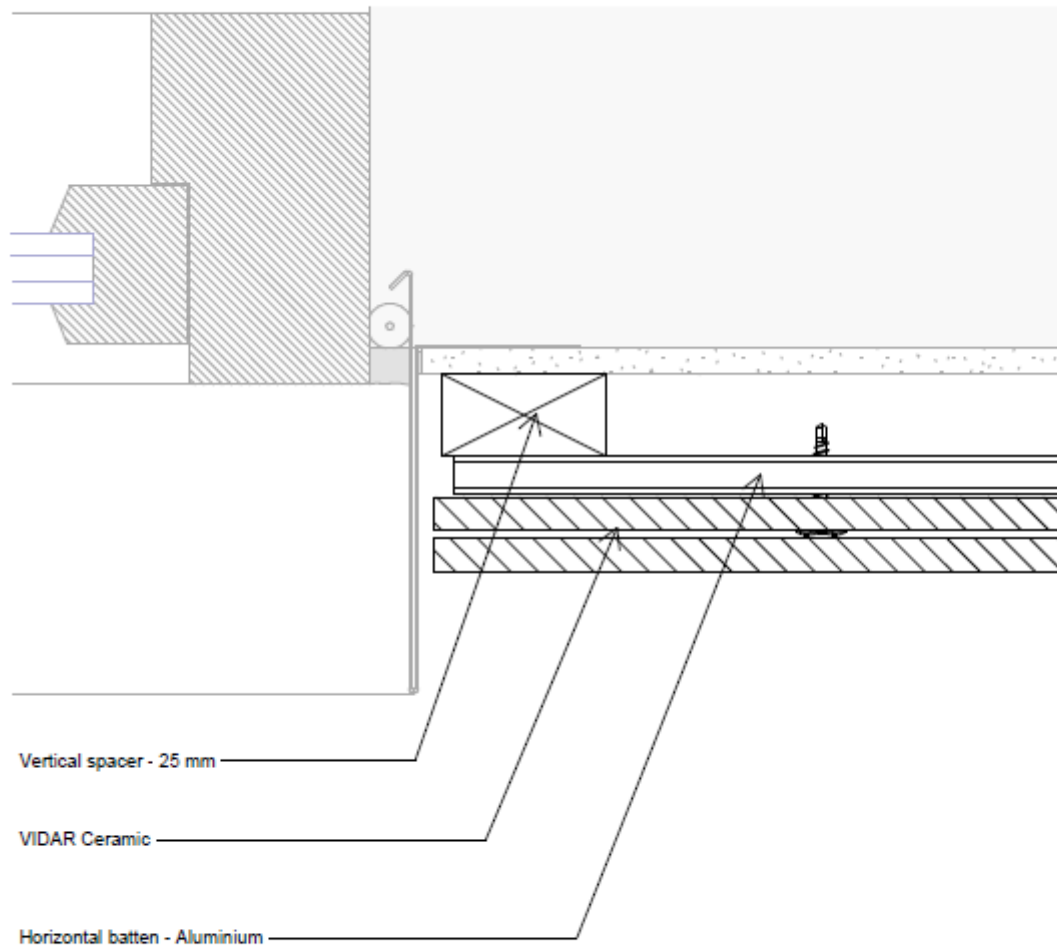
Annex 8



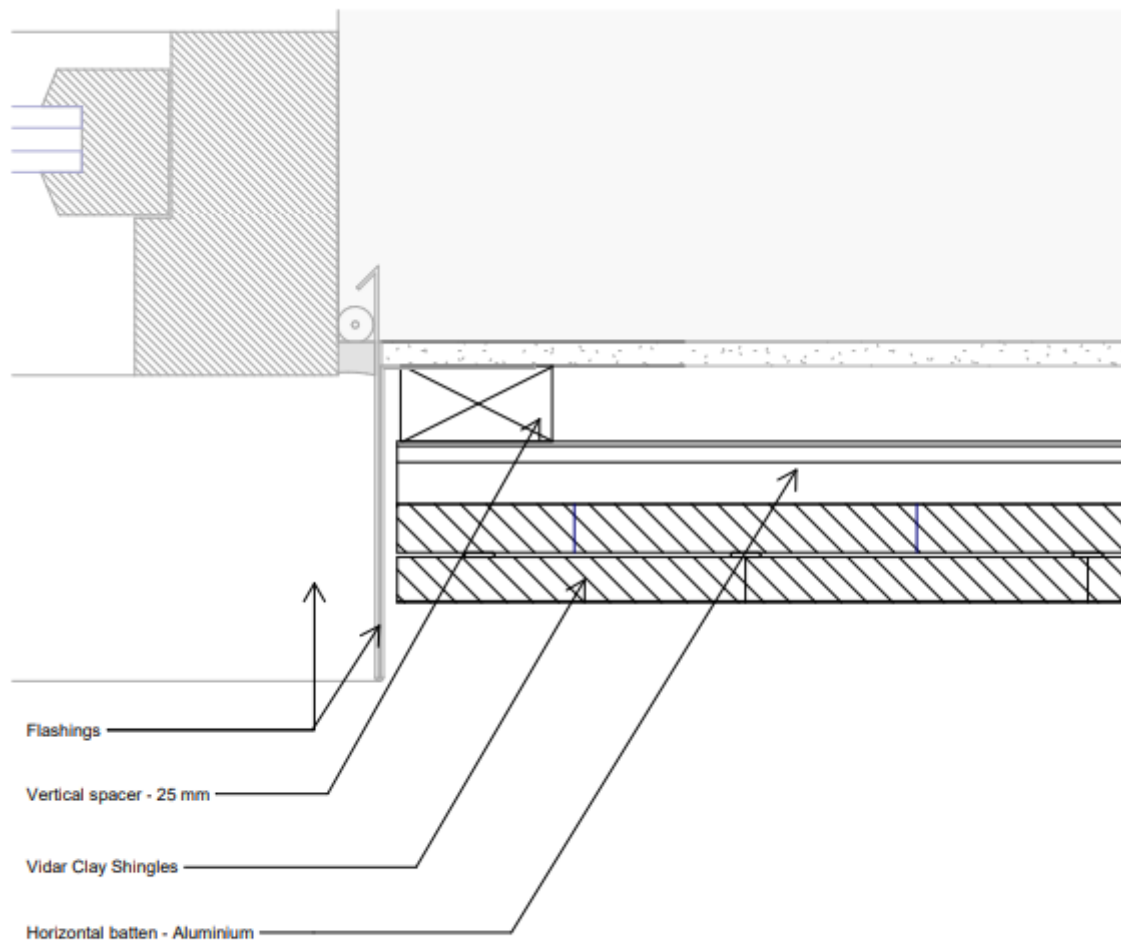
**KOMPROMENT cladding kit type Tempel Earth**

**Installation examples**  
Window/door horizontal view

Annex 8



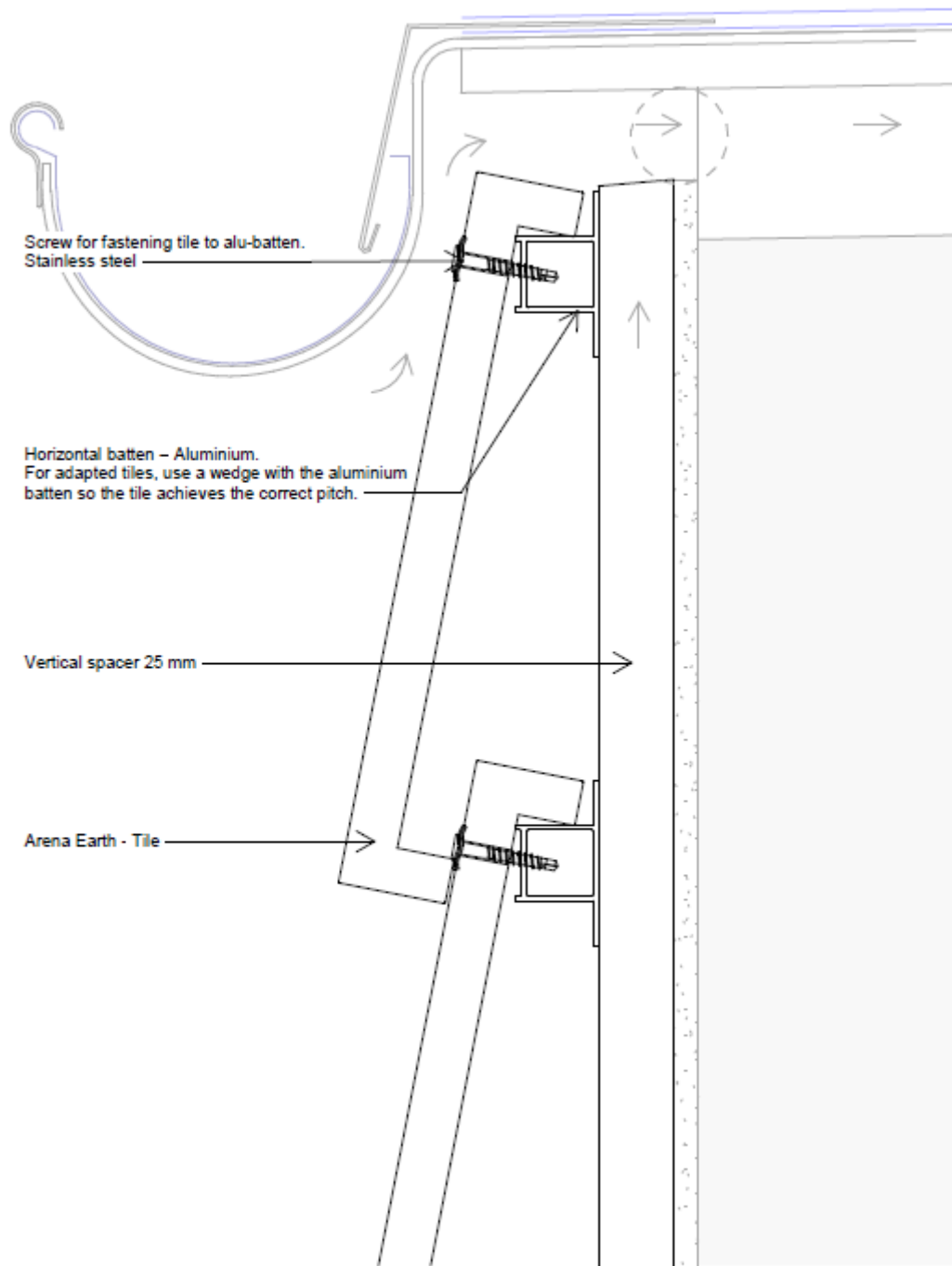
<b>KOMPROMENT cladding kit type Vidar Ceramic</b>	
Installation examples Window/door horizontal view	Annex 8



<b>KOMPROMENT cladding kit type Vidar Clay Shingles</b>	
<b>Installation examples</b> Window/door horizontal view	Annex 8



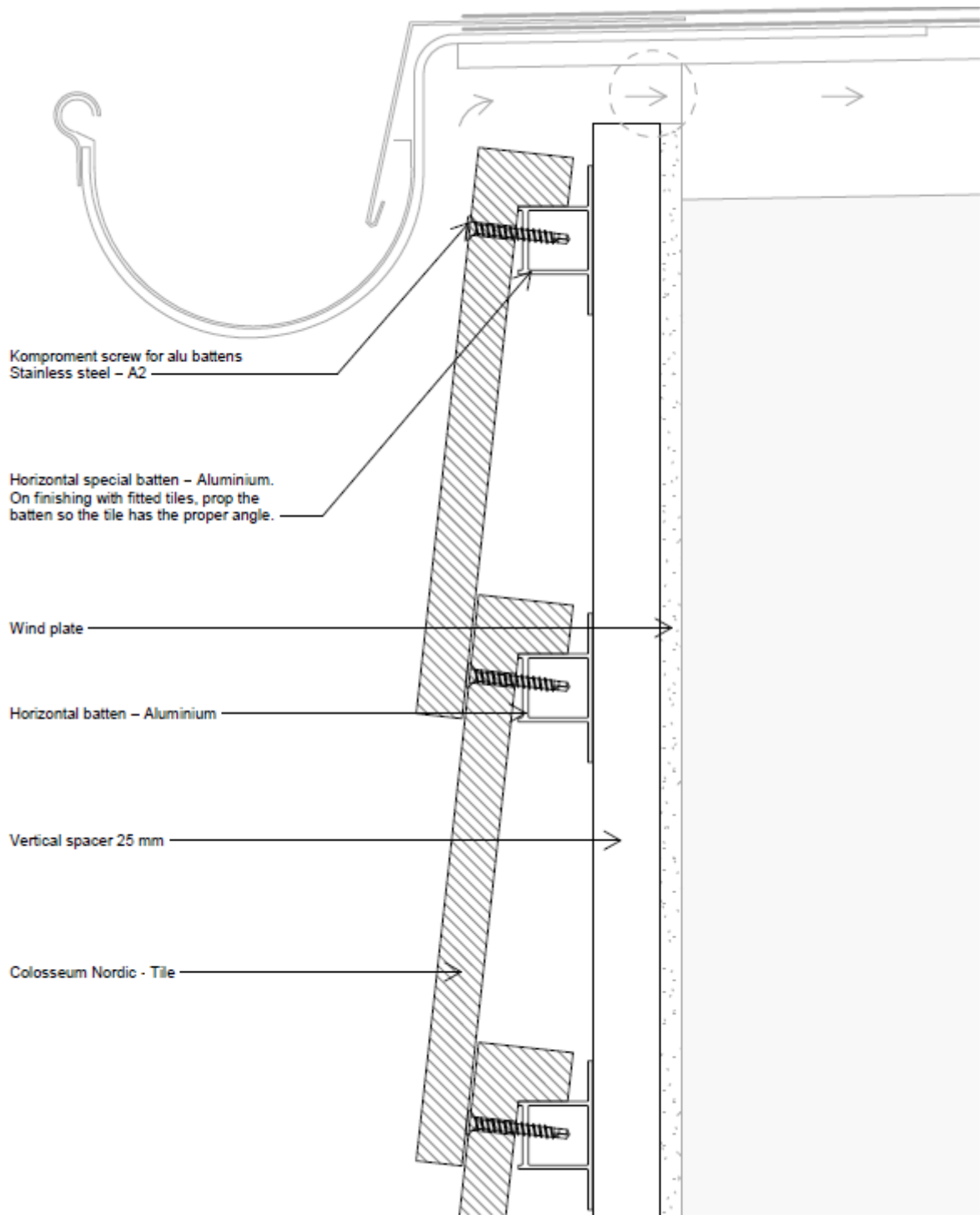
<b>KOMPROMENT cladding kit type Concrete Cover</b>	Annex 8
<b>Installation examples</b> Window/door horizontal view	



**KOMPROMENT cladding kit type Arena Earth**

**Installation examples**  
Finishing top/base of roof

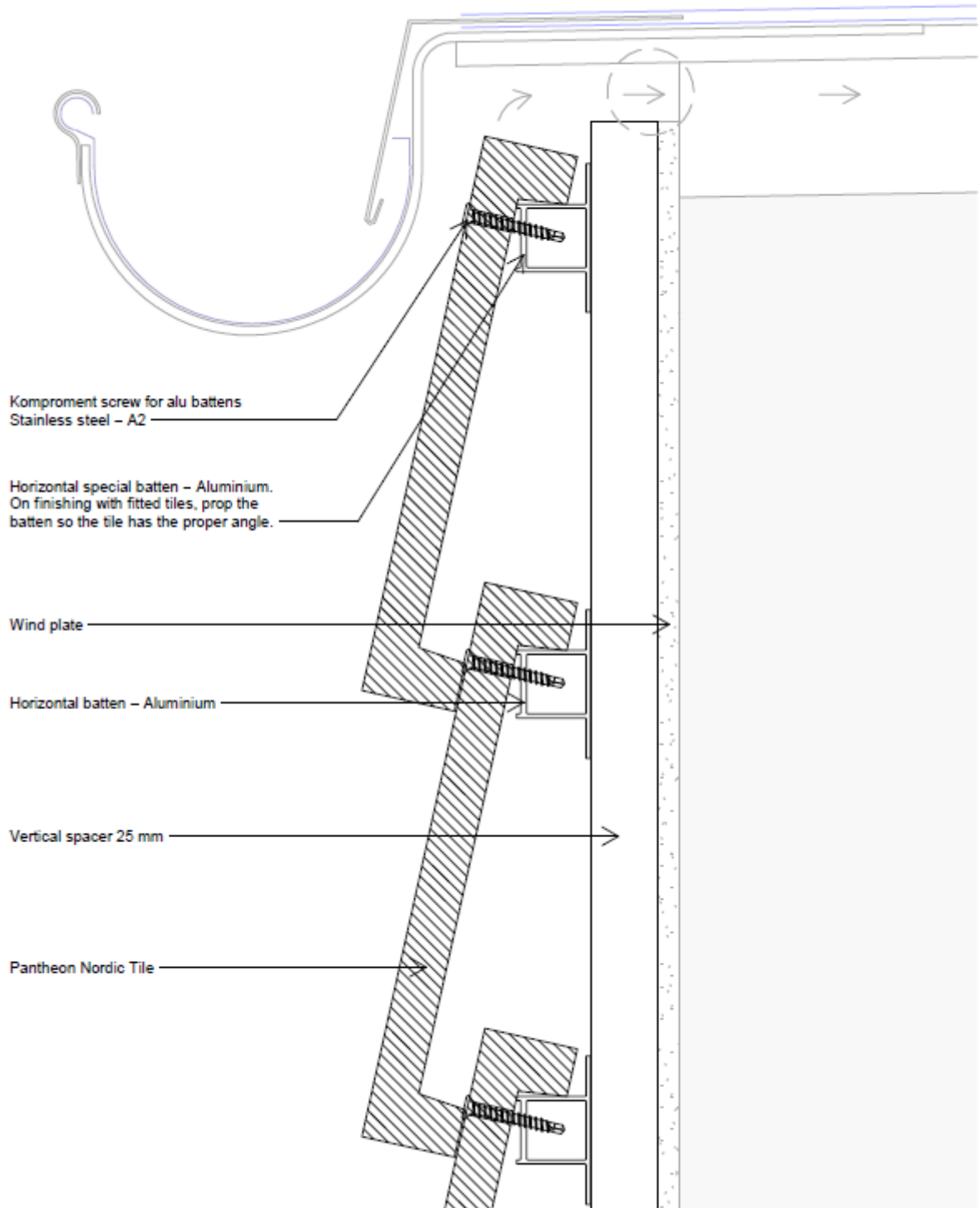
Annex 9



**KOMPROMENT cladding kit type Colosseum Nordic**

**Installation examples**  
Finishing top/base of roof

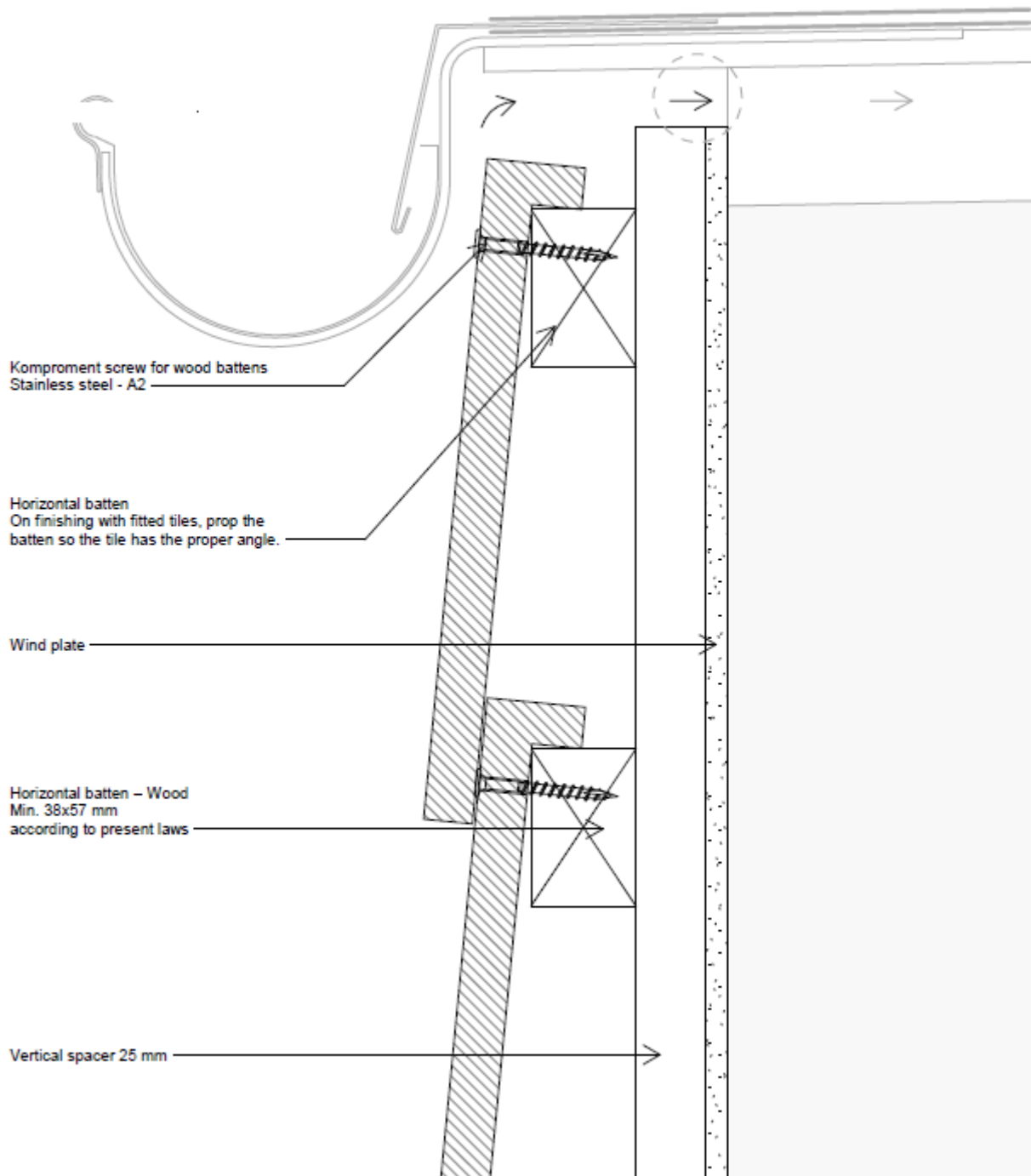
Annex 9



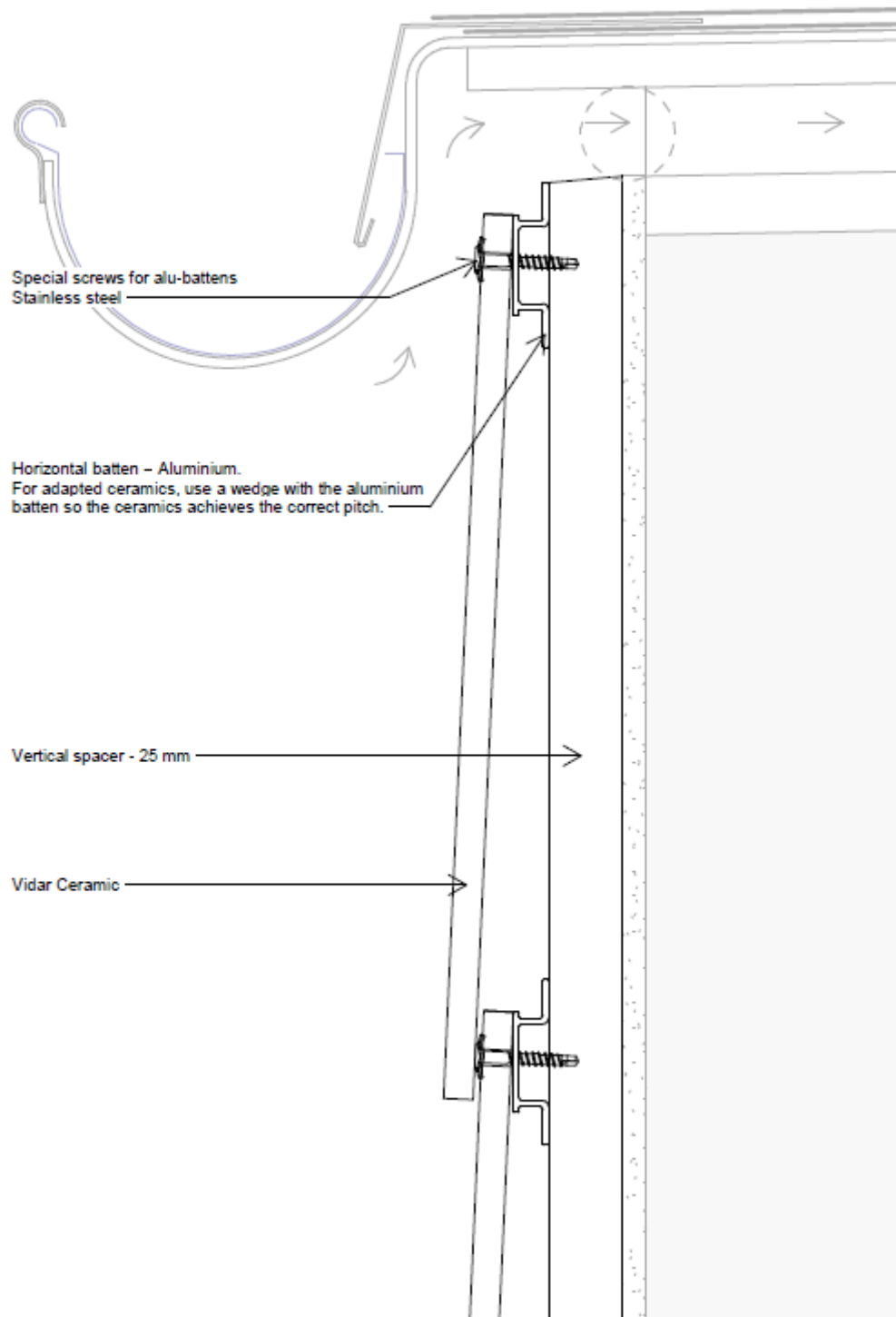
**KOMPROMENT cladding kit type Pantheon Nordic**

**Installation examples**  
Finishing top/base of roof

Annex 9



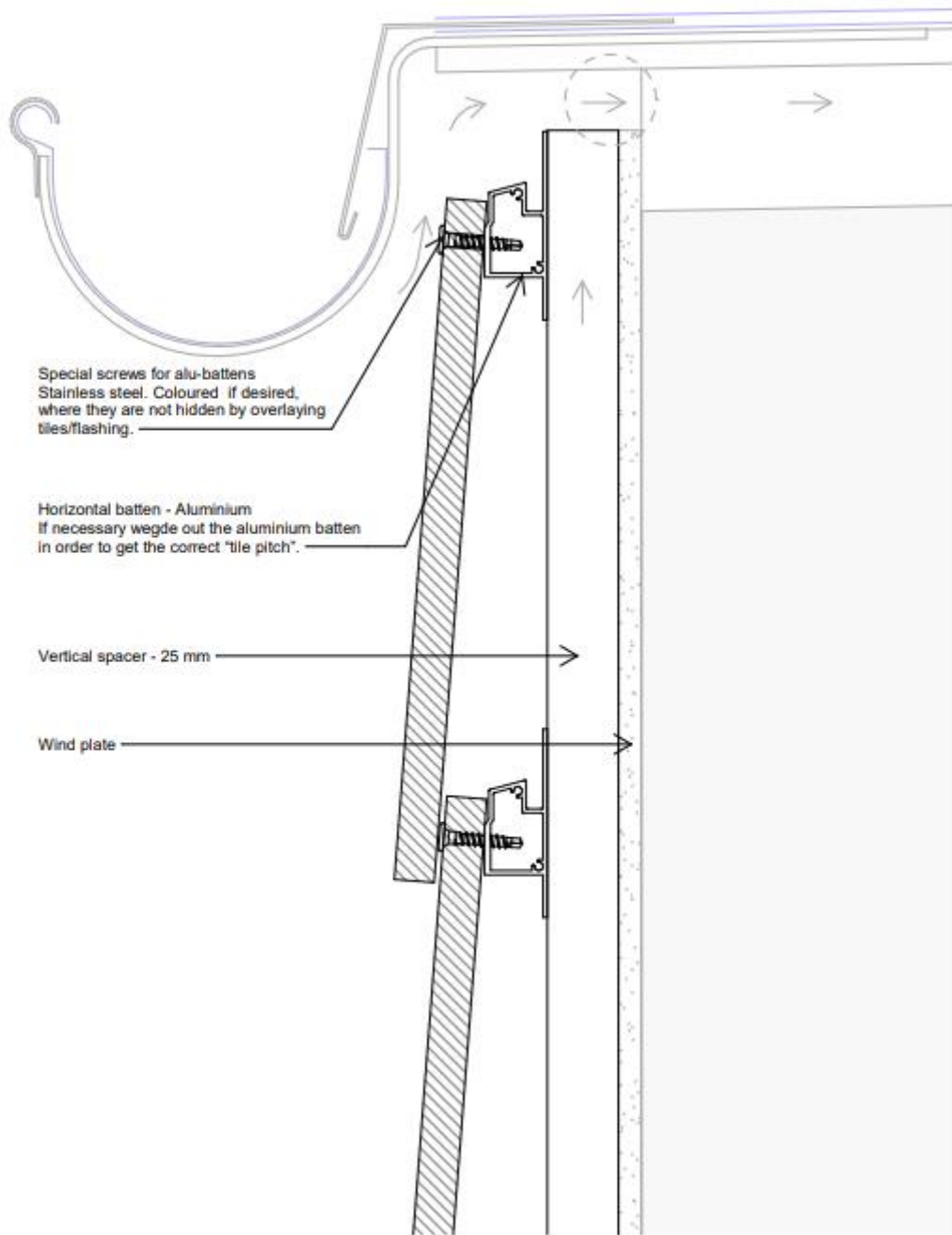
<p><b>KOMPROMENT</b> cladding kit type Tempel Earth</p>	<p>Annex 9</p>
<p><b>Installation examples</b> Finishing top/base of roof</p>	



**KOMPROMENT cladding kit type Vidar Ceramic**

**Installation examples**  
Finishing top/base of roof

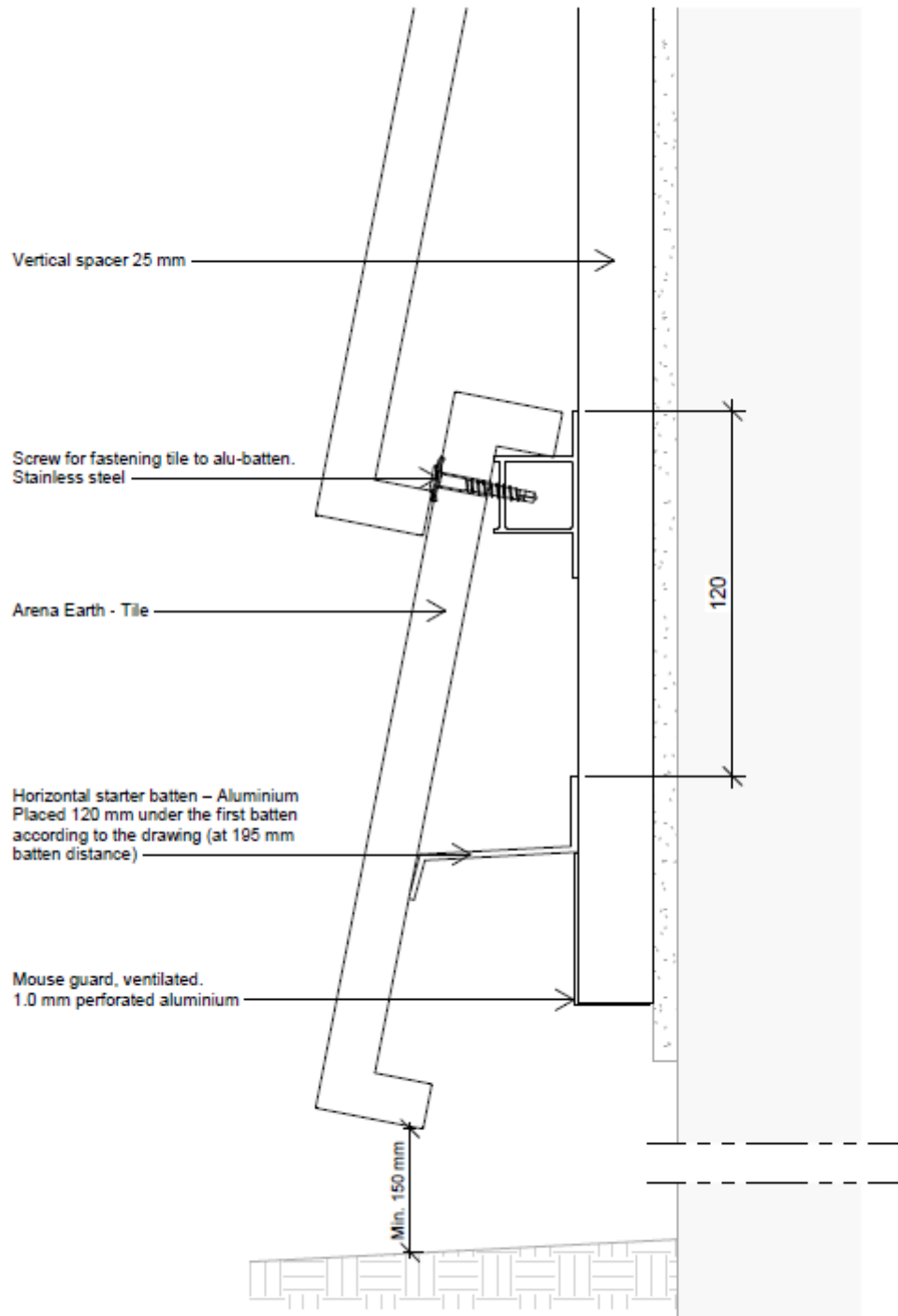
Annex 9



<b>KOMPROMENT cladding kit type Vidar Clay Shingles</b>	
<b>Installation examples</b> Finishing top/base of roof	Annex 9

<b>KOMPROMENT cladding kit type Concrete Cover</b>	Annex 9
<b>Installation examples</b> Finishing top/base of roof	

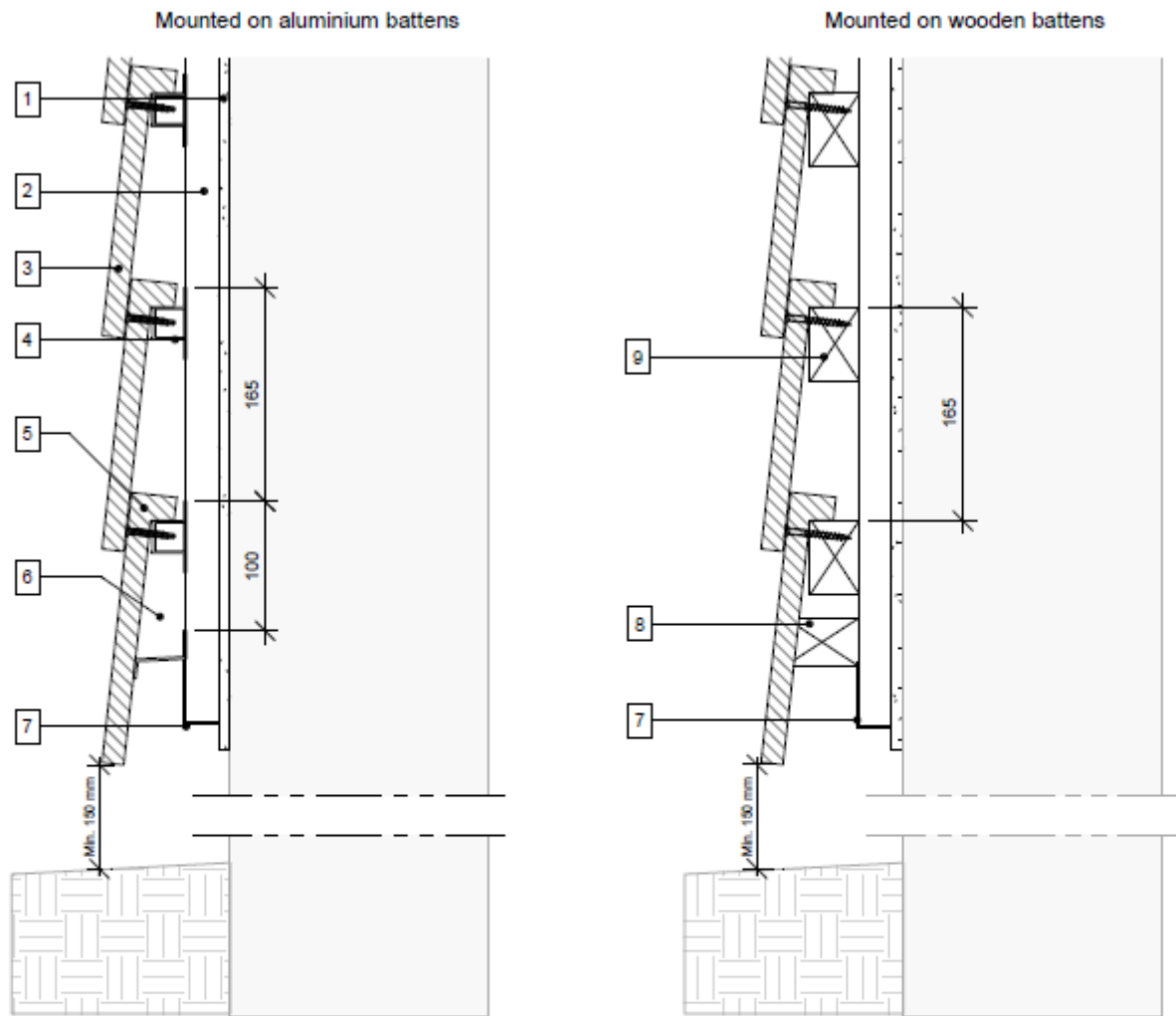




**KOMPROMENT cladding kit type Arena Earth**

**Installation examples**  
Start façade - aluminium

Annex 10

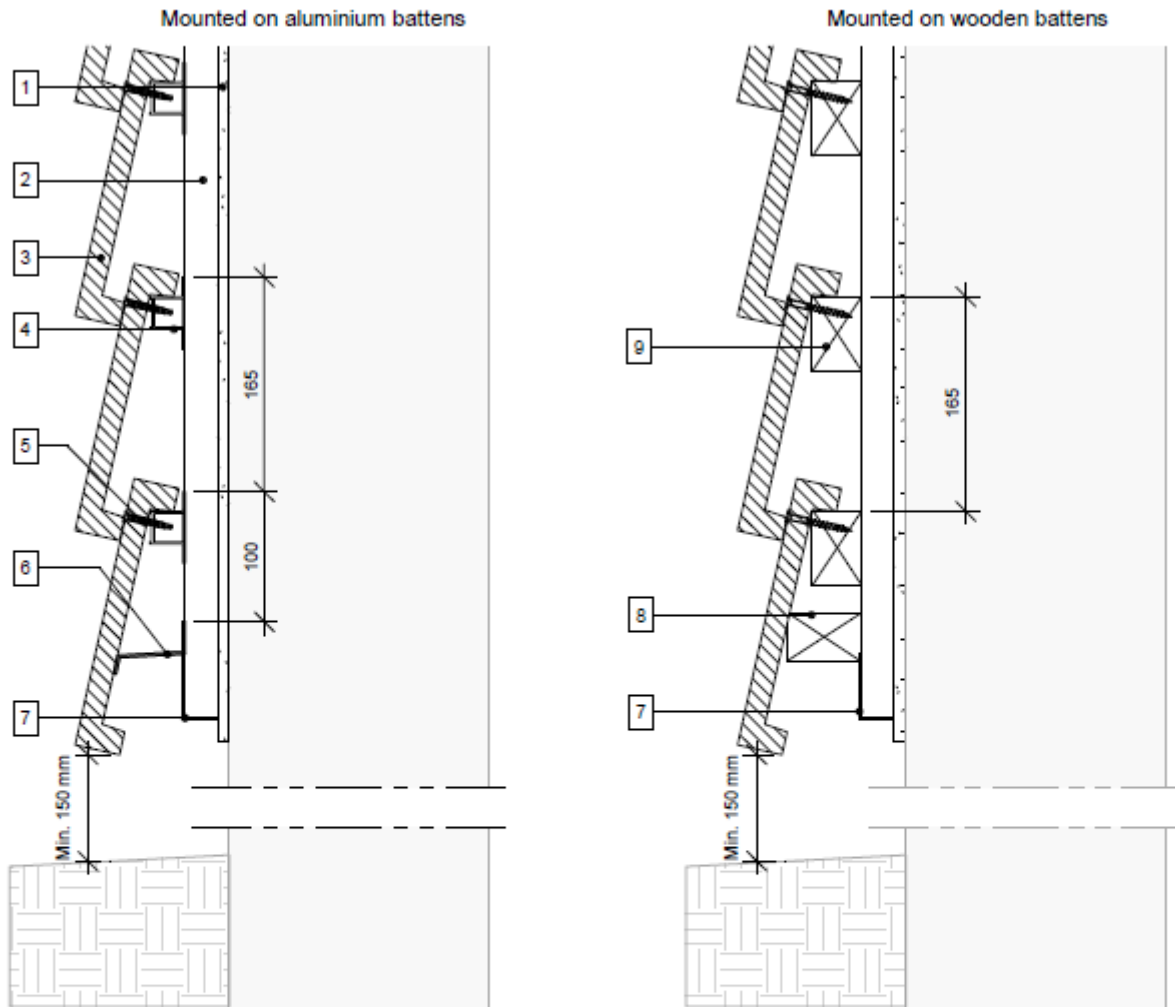


- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1 Wind plate</li> <li>2 Vertical spacer 25 mm</li> <li>3 Colosseum Nordic Tile</li> <li>4 Horizontal batten – Aluminium</li> <li>5 Komproment screw for alu battens<br/>Stainless steel - A2</li> </ul> | <ul style="list-style-type: none"> <li>6 Horizontal starter batten – Aluminium</li> <li>7 Mouse guard, ventilated.<br/>1.0 mm perforated aluminium</li> <li>8 Fitted batten – Wood</li> <li>9 Horizontal batten – Wood<br/>according to present laws</li> </ul> |
|--|---|

**KOMPROMENT cladding kit type Colosseum Nordic**

**Installation examples**  
Start façade – aluminium & wood

Annex 10

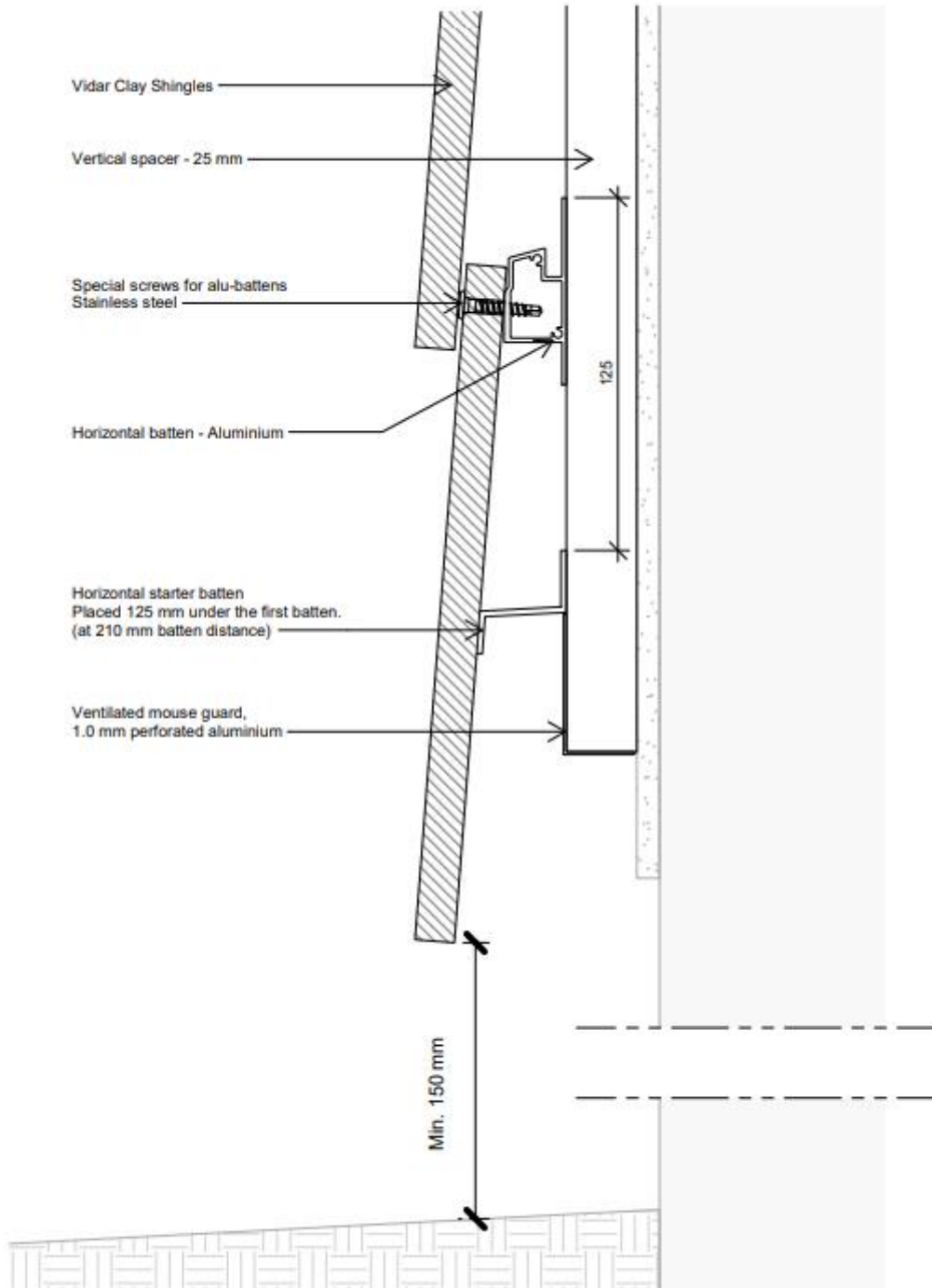


- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>1 Wind plate</li> <li>2 Vertical spacer 25 mm</li> <li>3 Pantheon Nordic Tile</li> <li>4 Horizontal batten – Aluminium</li> <li>5 Komproment screw for alu battens<br/>Stainless steel - A2</li> </ul> | <ul style="list-style-type: none"> <li>6 Horizontal starter batten – Aluminium</li> <li>7 Mouse guard, ventilated,<br/>1.0 mm perforated aluminium</li> <li>8 Fitted batten – Wood</li> <li>9 Horizontal batten – Wood<br/>according to present laws</li> </ul> |
|---|---|

**KOMPROMENT cladding kit type Pantheon Nordic**

**Installation examples**  
Start façade – aluminium & wood

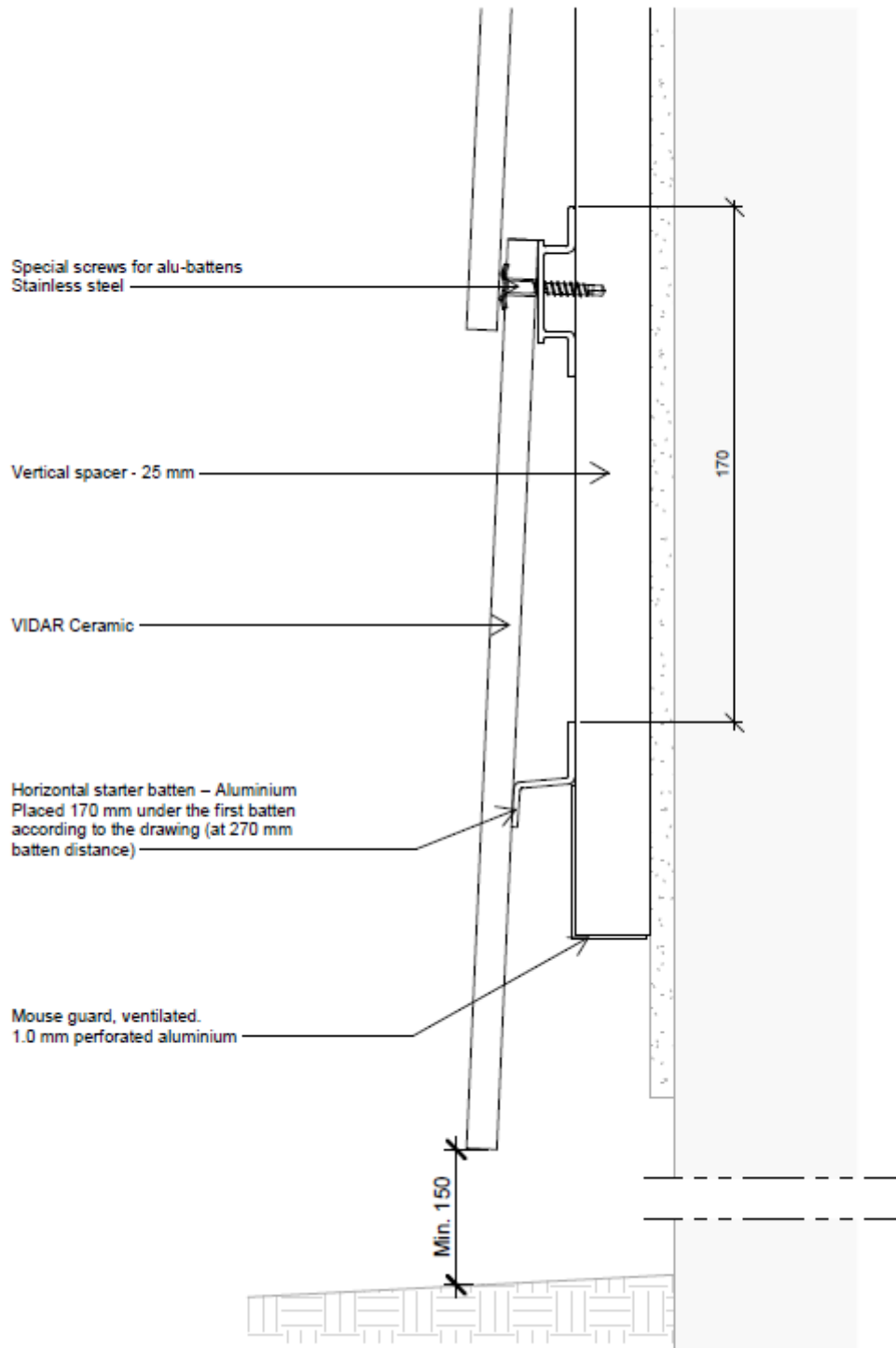
Annex 10



**KOMPROMENT cladding kit type Tempel Earth**

**Installation examples**  
Start façade - aluminium

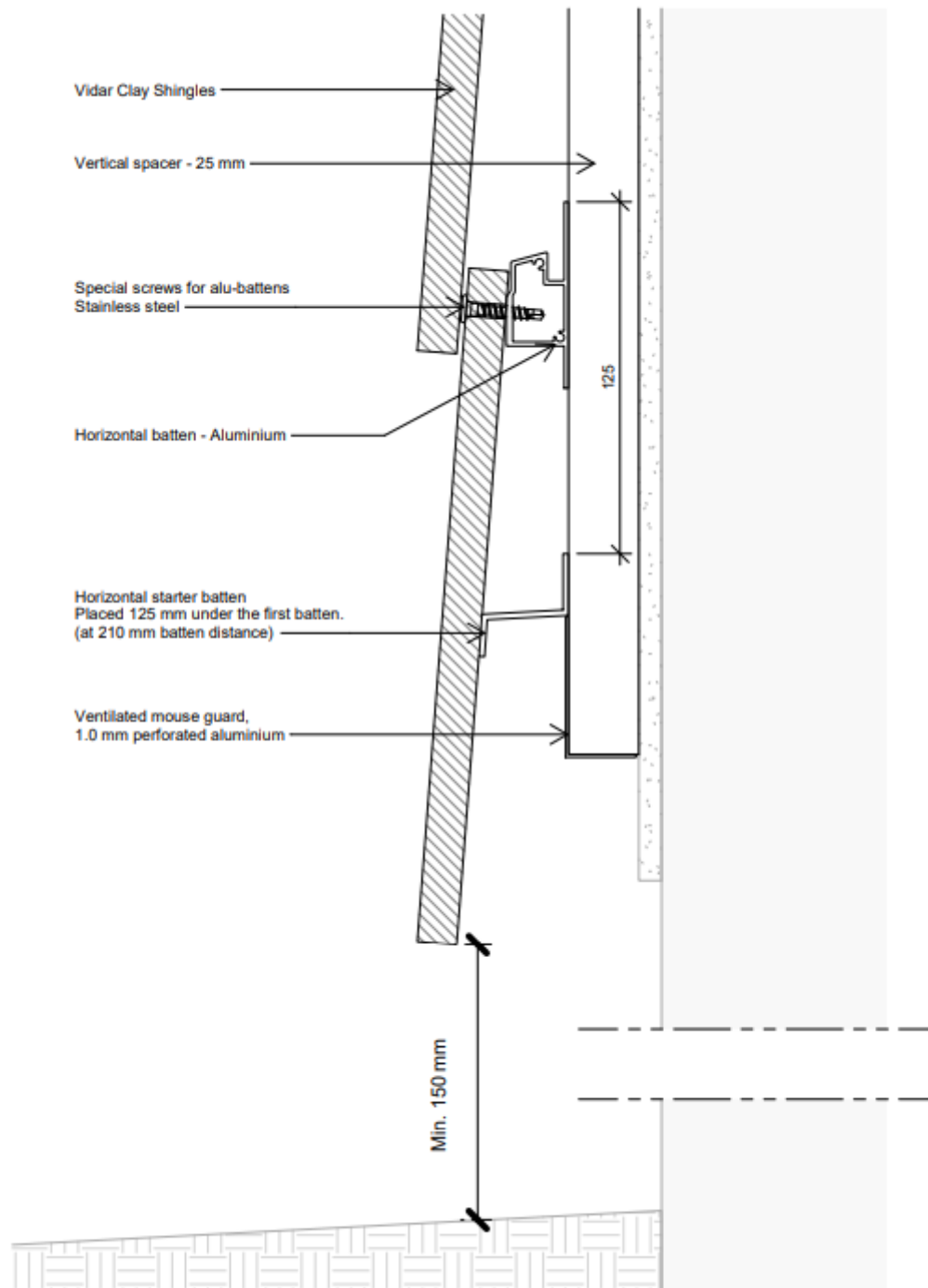
Annex 10



**KOMPROMENT cladding kit type Vidar Ceramic**

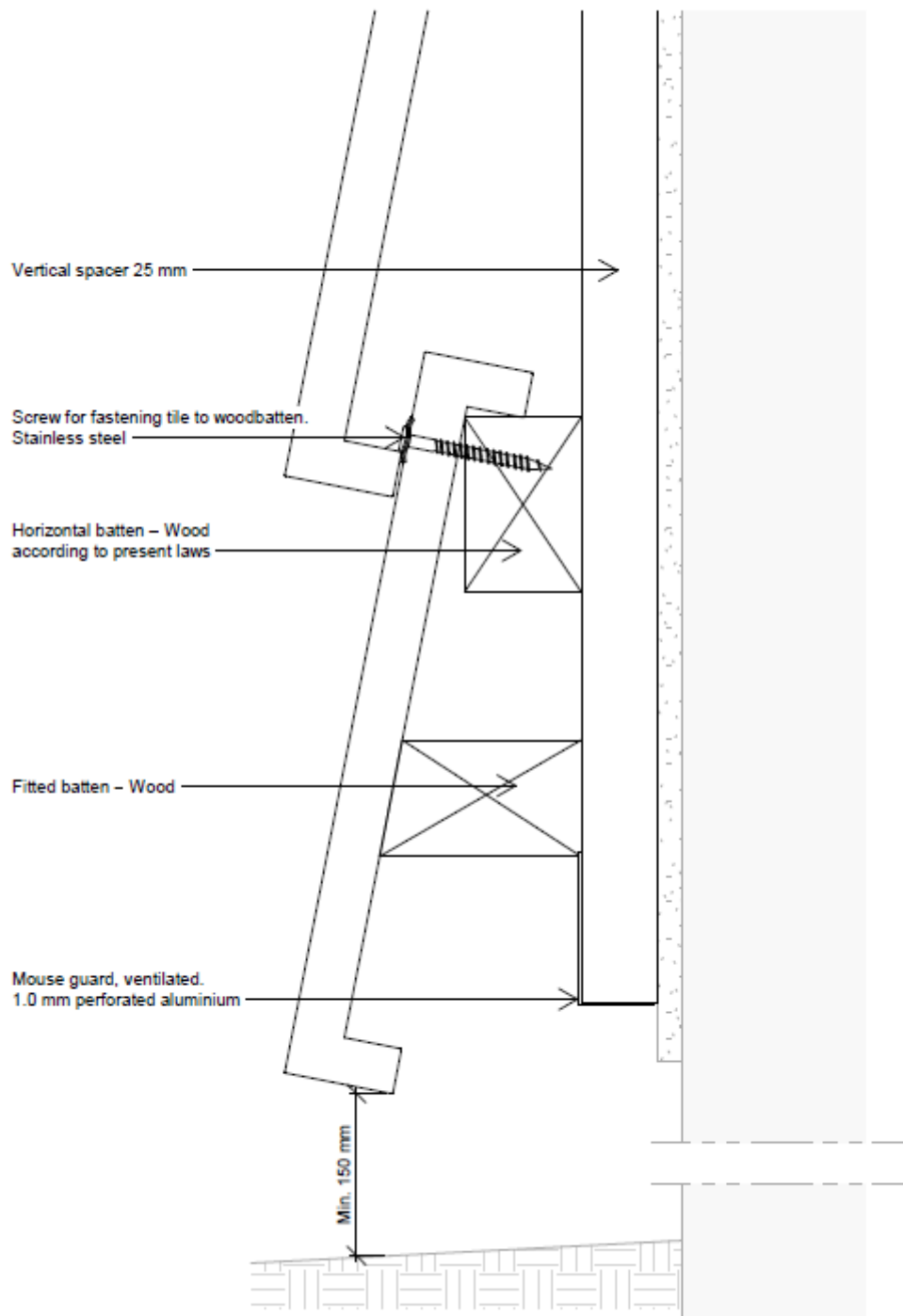
**Installation examples**  
Start façade - aluminium

Annex 10



<p><b>KOMPROMENT cladding kit type Vidar Clay Shingles</b></p>	
<p><b>Installation examples</b> Start façade - aluminium</p>	<p>Annex 10</p>

<b>KOMPROMENT cladding kit type Concrete Cover</b>	Annex 10
<b>Installation examples</b> Start façade - aluminium	

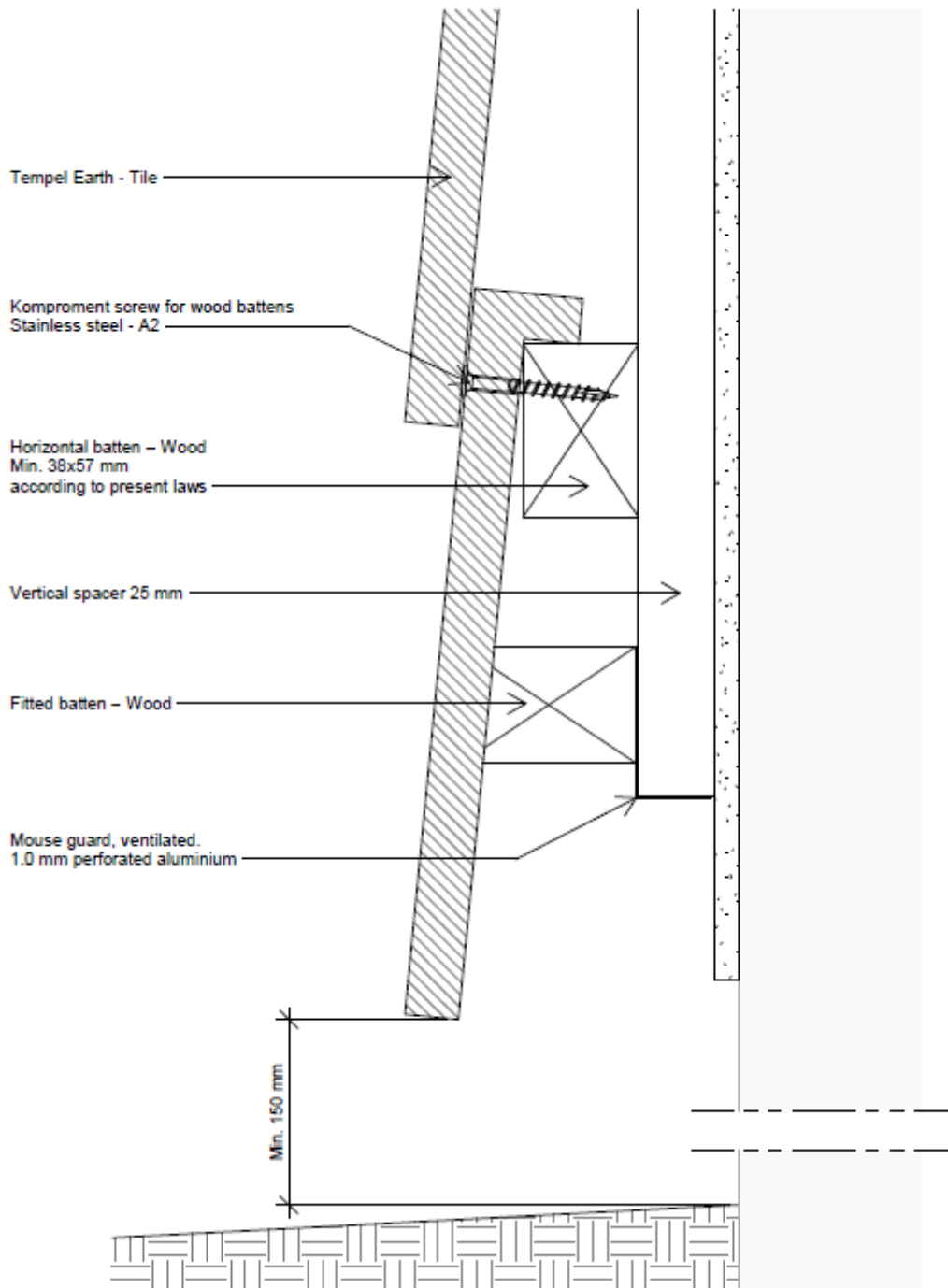


**KOMPROMENT cladding kit type Arena Earth**

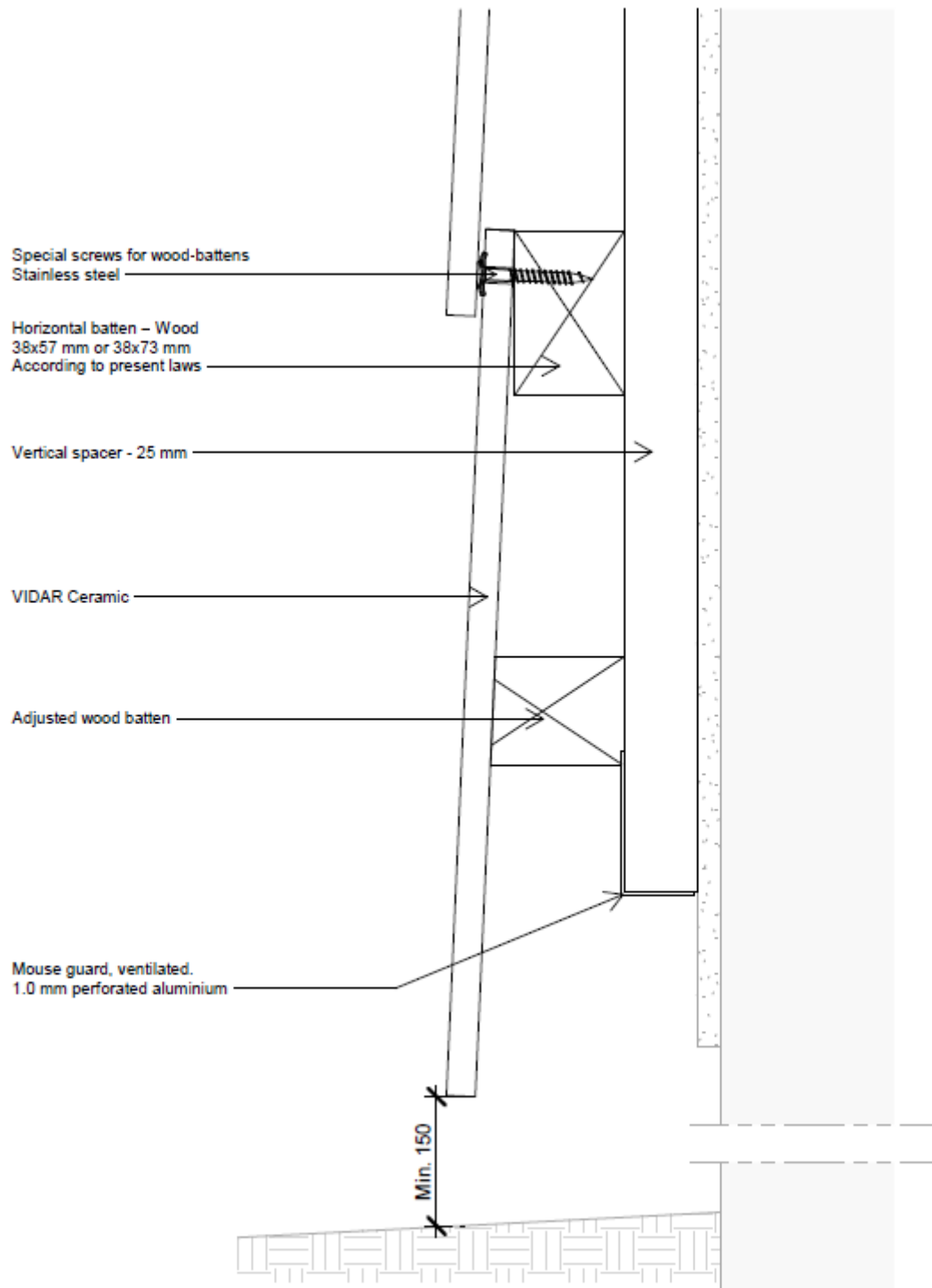
**Installation examples**  
Start façade - Wood

Annex 11





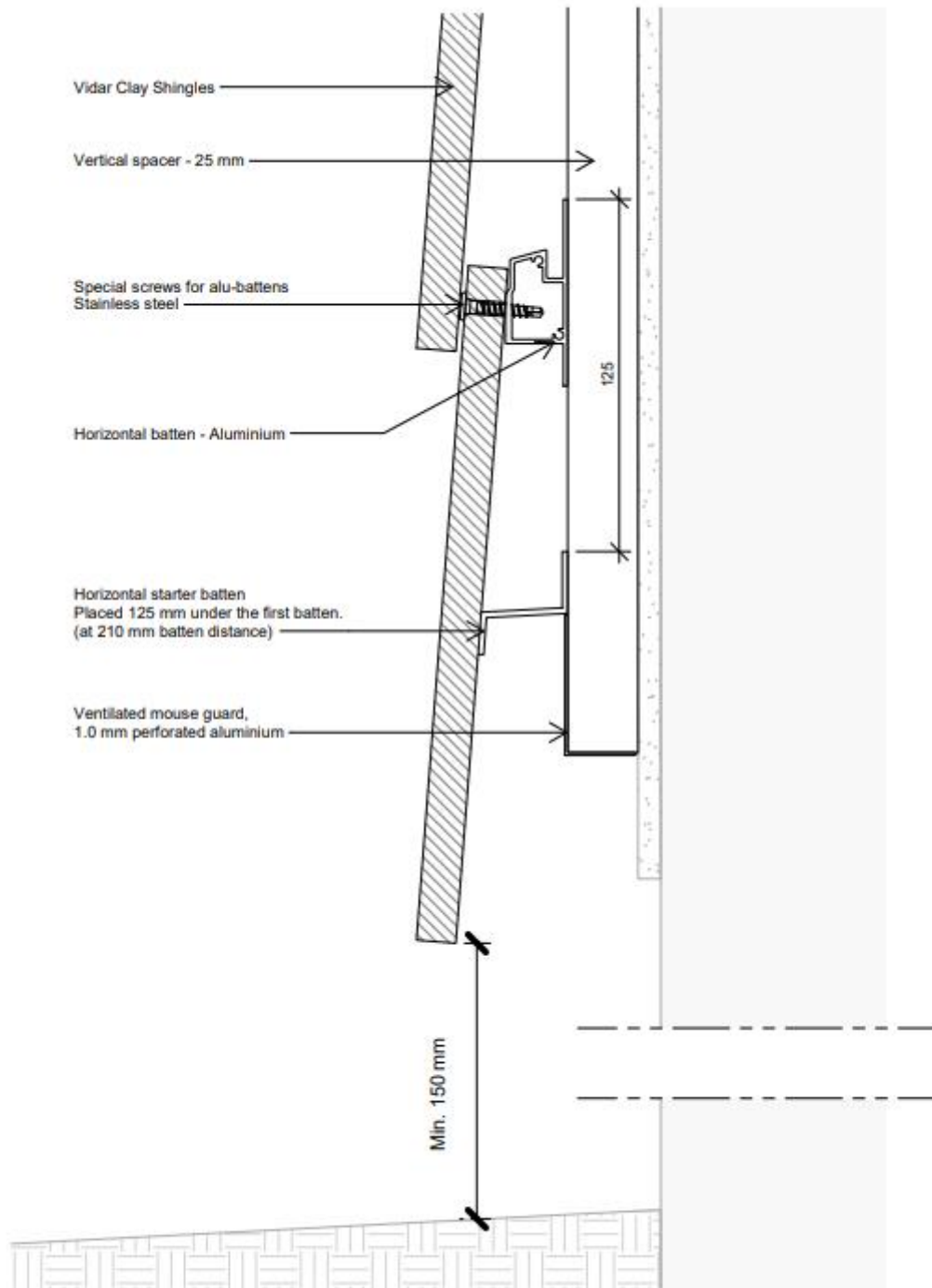
<p><b>KOMPROMENT cladding kit type Tempel Earth</b></p>	
<p><b>Installation examples</b> Start façade - wood</p>	<p>Annex 11</p>



**KOMPROMENT cladding kit type Vidar Ceramic**

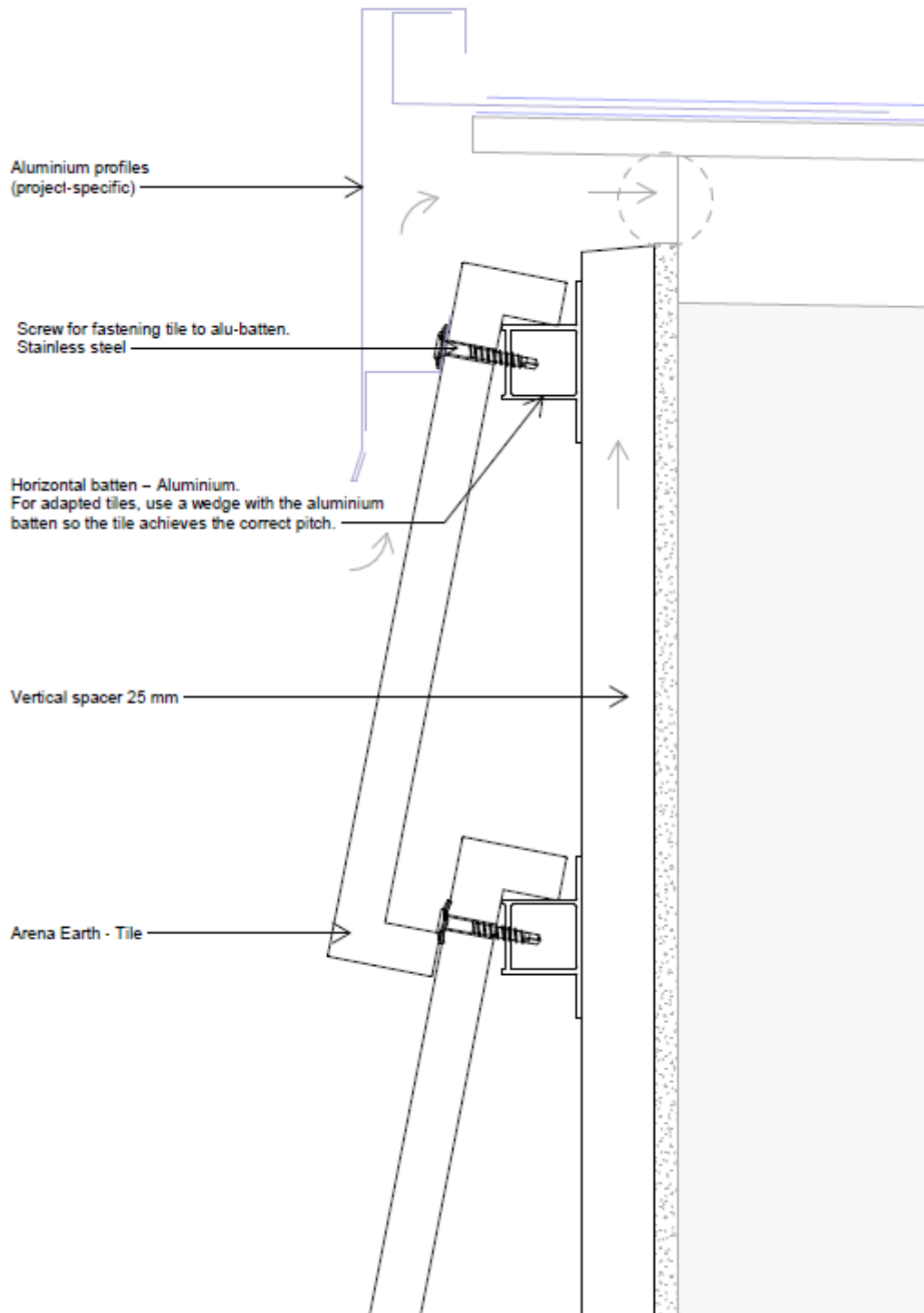
**Installation examples**  
Start façade - wood

Annex 11



<p><b>KOMPROMENT cladding kit type Vidar Clay Shingles</b></p>	
<p><b>Installation examples</b> Start façade - wood</p>	<p>Annex 11</p>

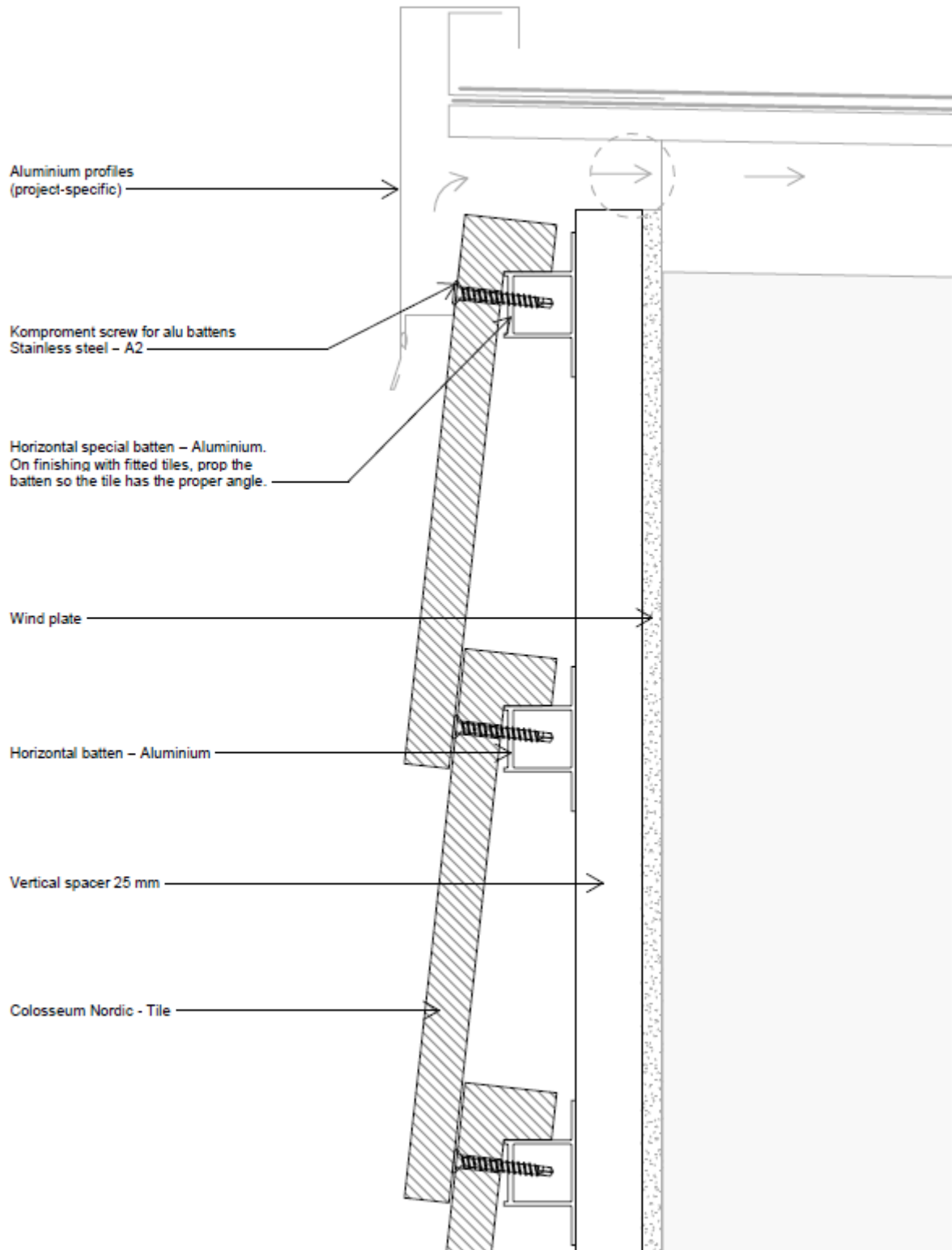
<b>KOMPROMENT cladding kit type Concrete Cover</b>	
<b>Installation examples</b> Start façade - Wood	Annex 11



**KOMPROMENT cladding kit type Arena Earth**

**Installation examples**  
Finishing/top gable

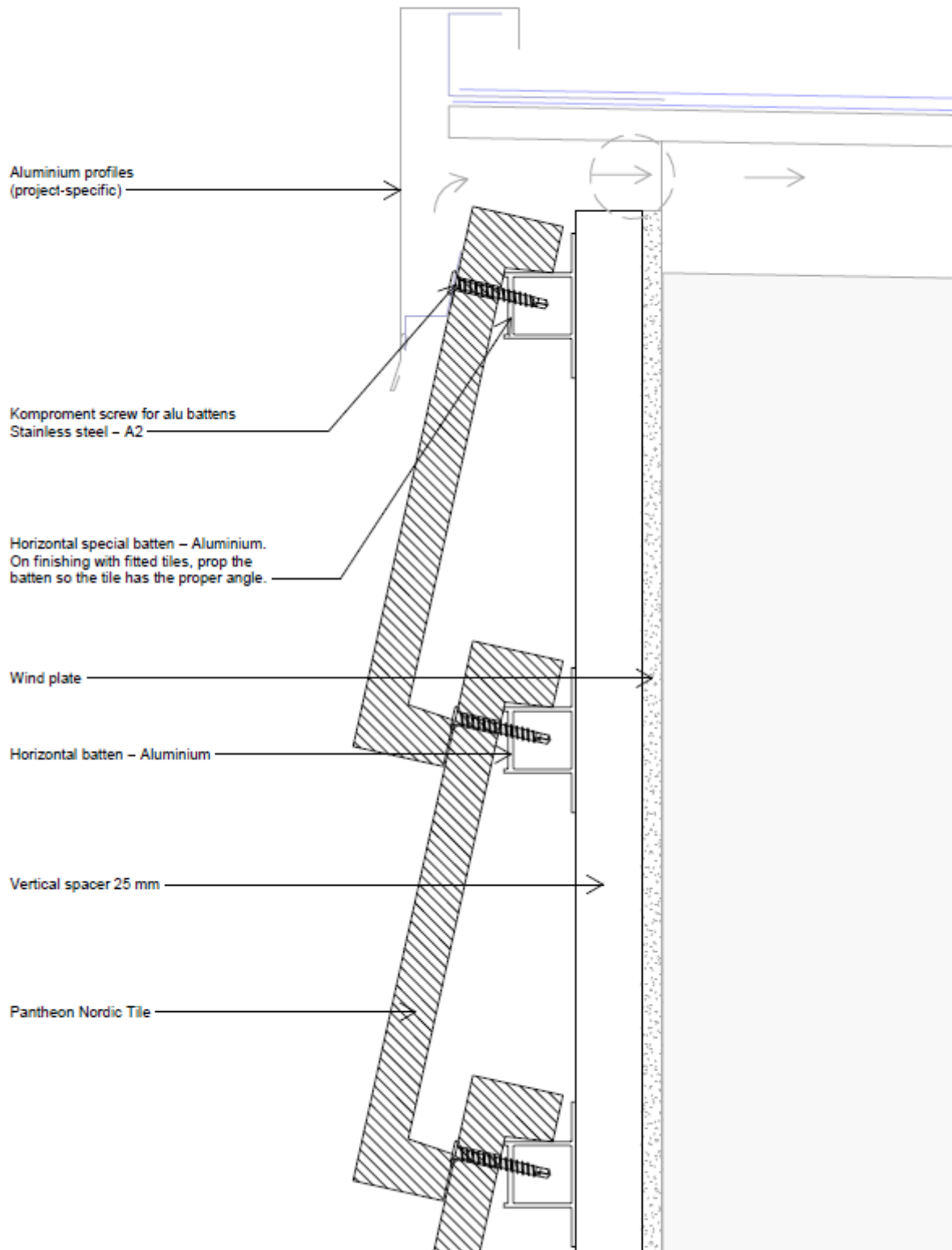
Annex 12



**KOMPROMENT cladding kit type Colosseum Nordic**

**Installation examples**  
Finishing/top gable

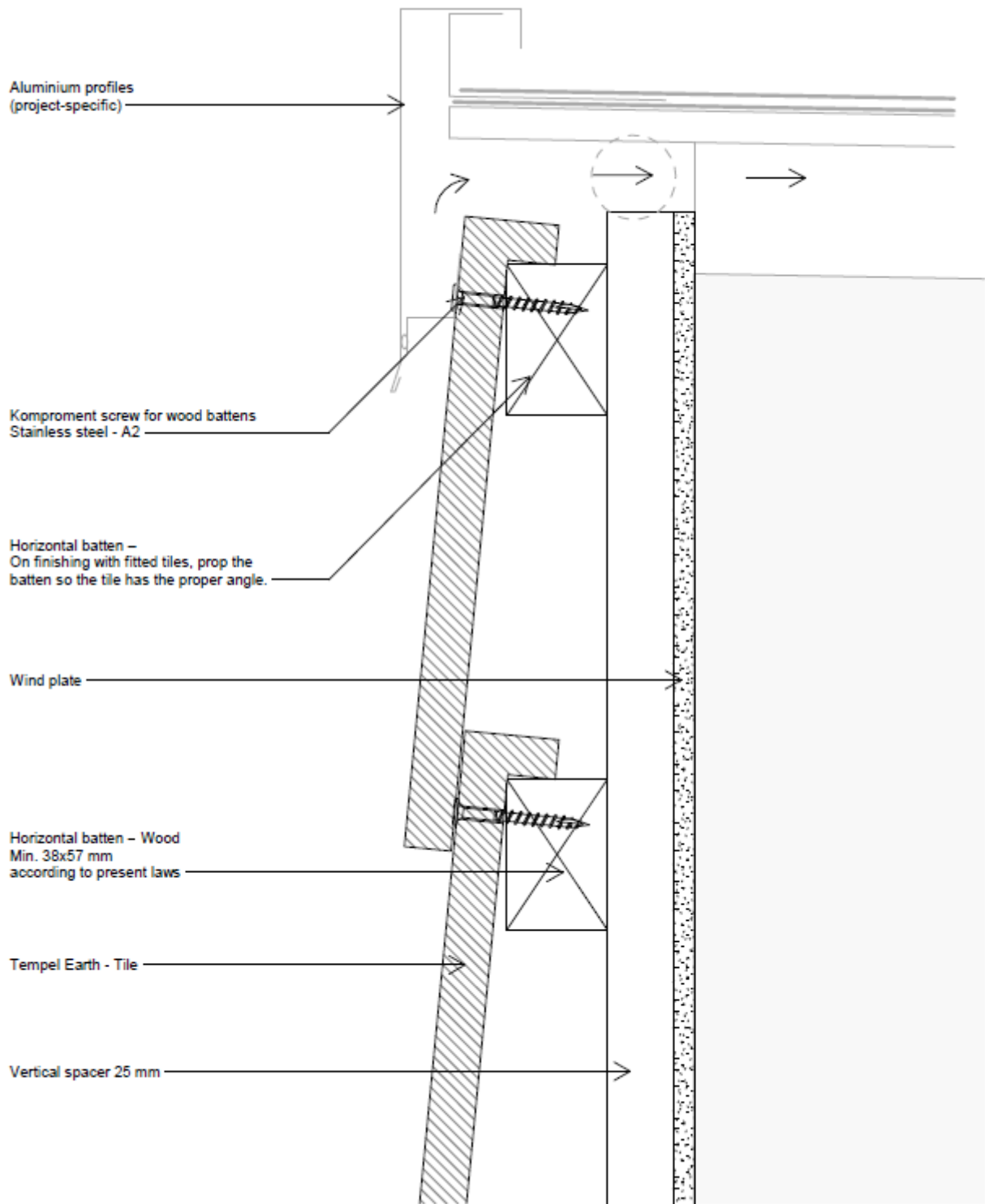
Annex 12



**KOMPROMENT cladding kit type Pantheon Nordic**

**Installation examples**  
Finishing/top gable

Annex 12

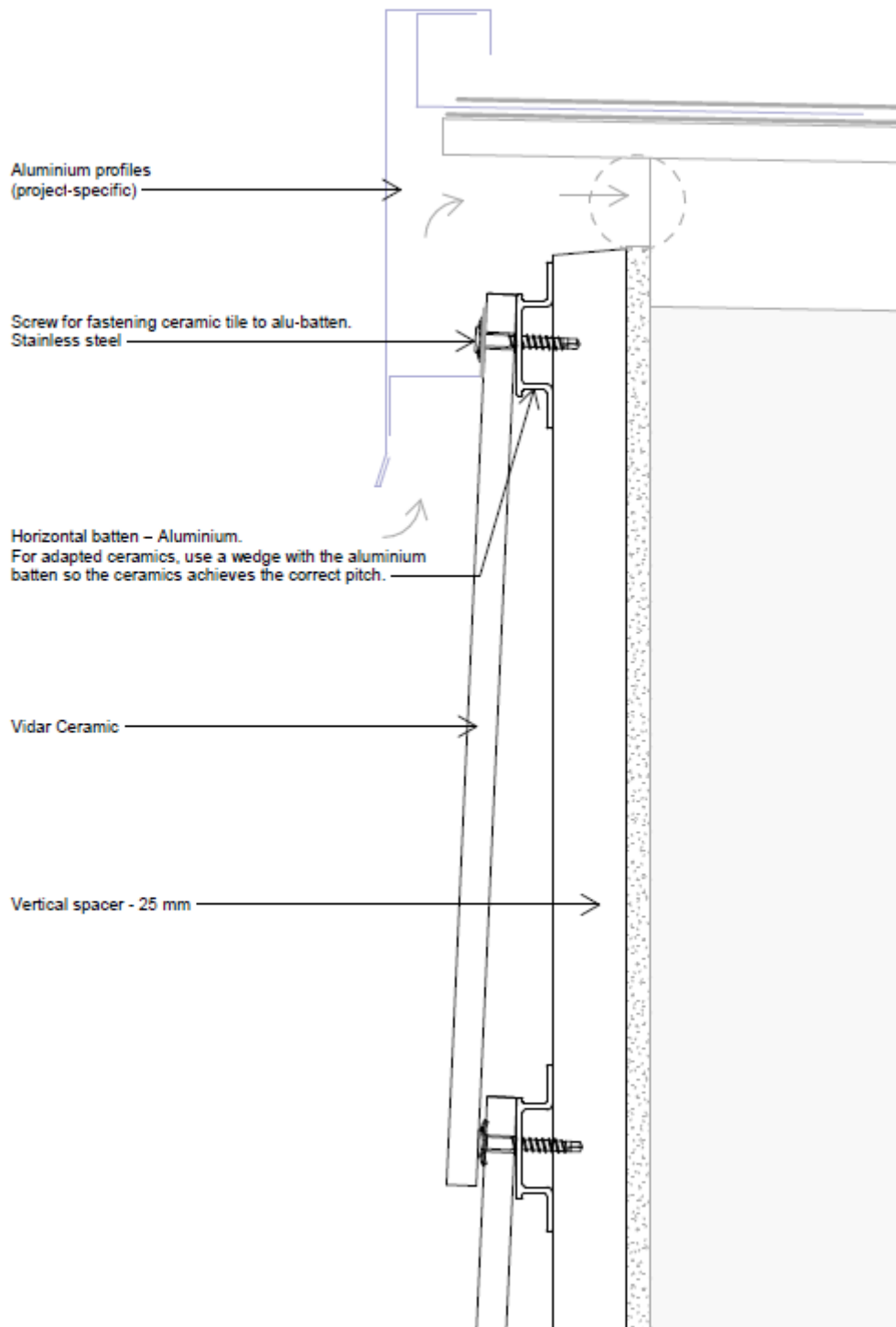


**KOMPROMENT cladding kit type Tempel Earth**

**Installation examples**  
Finishing/top gable

Annex 12

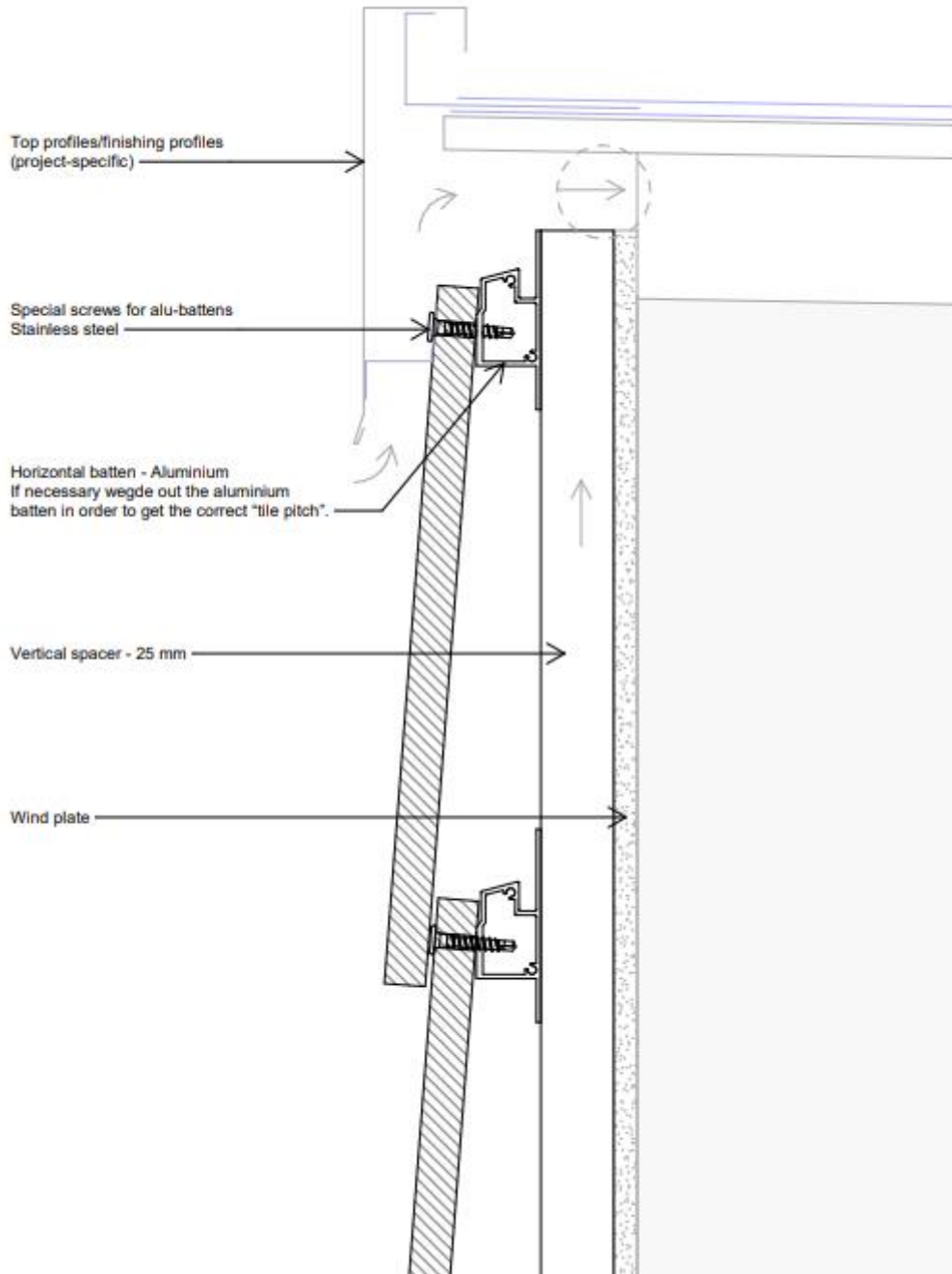




**KOMPROMENT cladding kit type Vidar Ceramic**

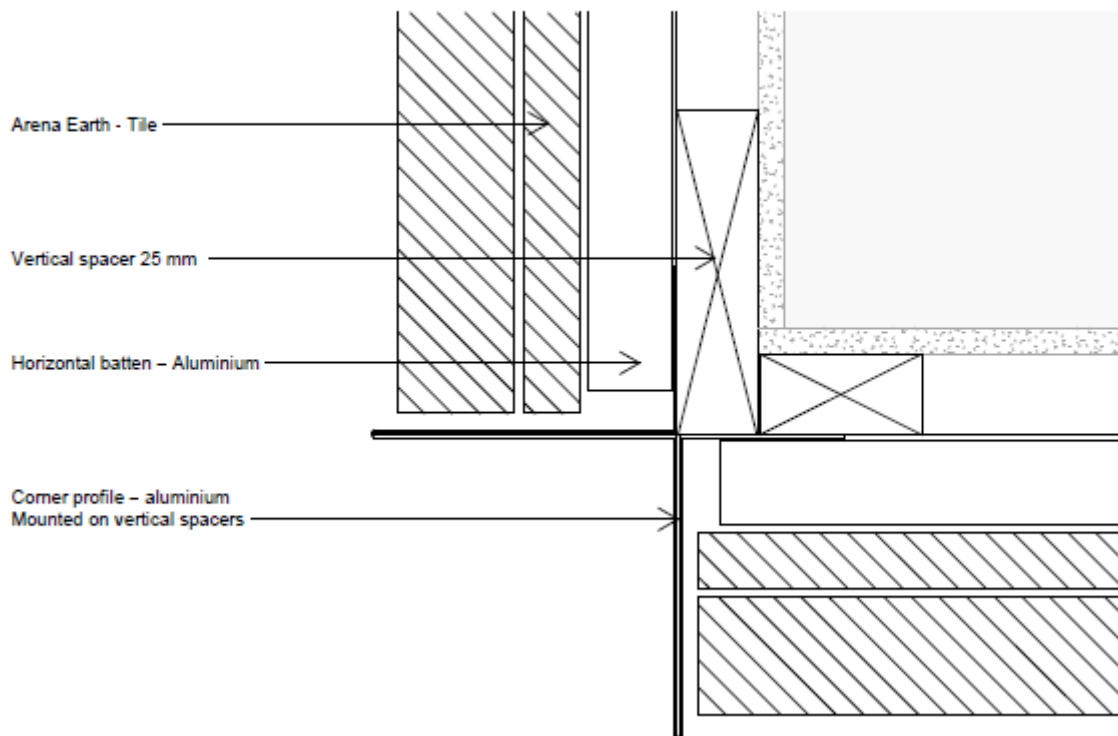
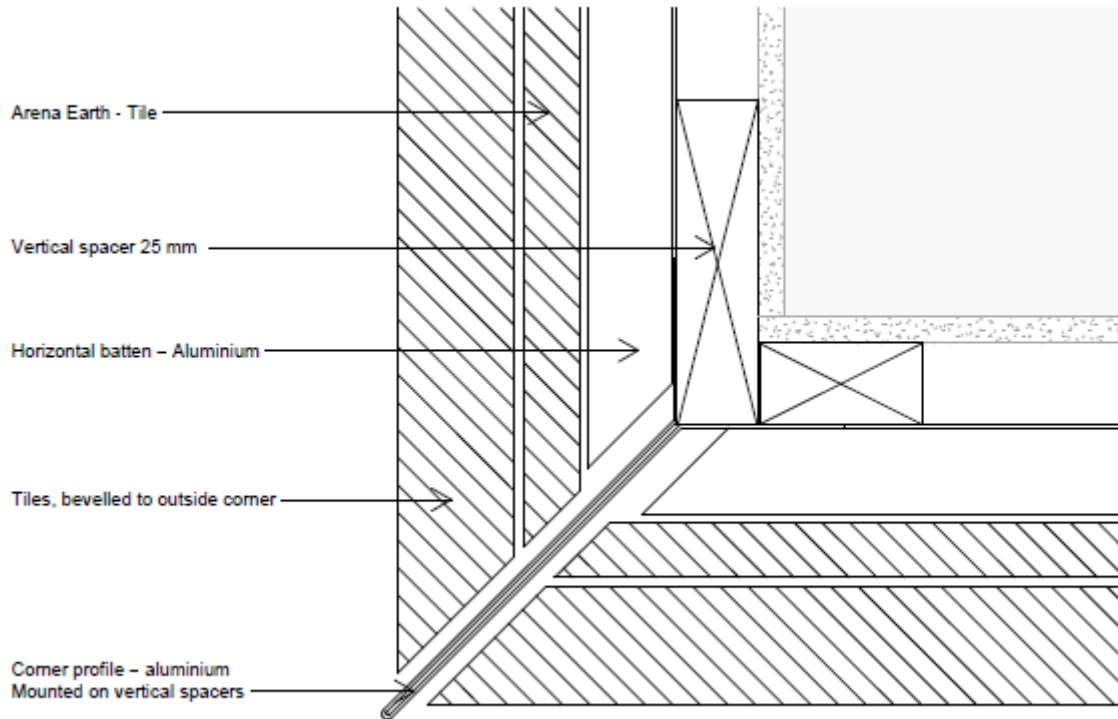
**Installation examples**  
Finishing/top gable

Annex 12

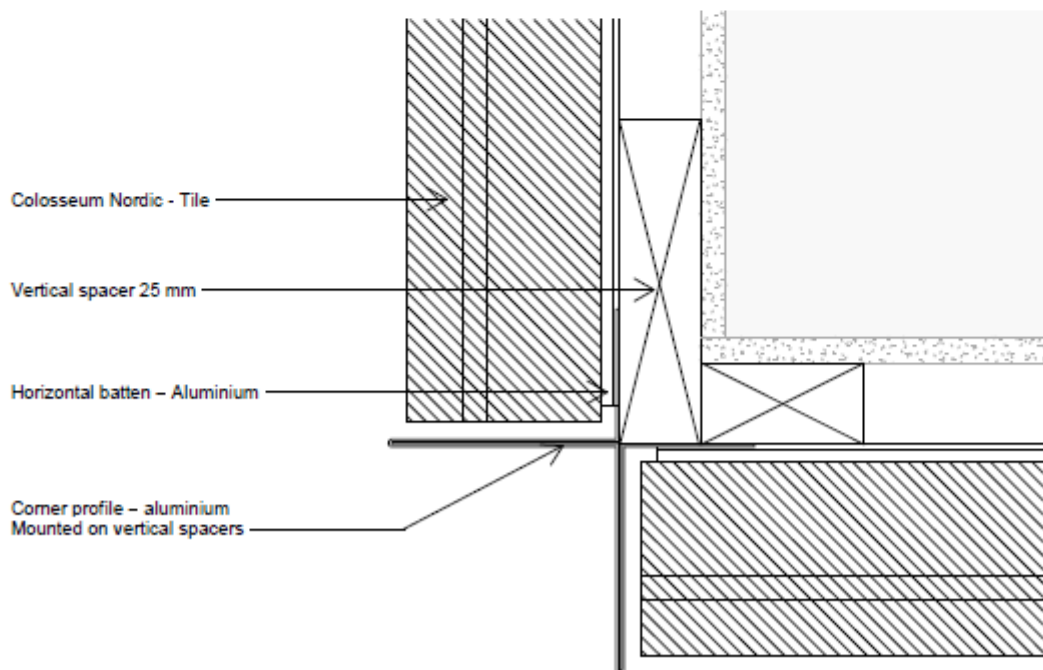
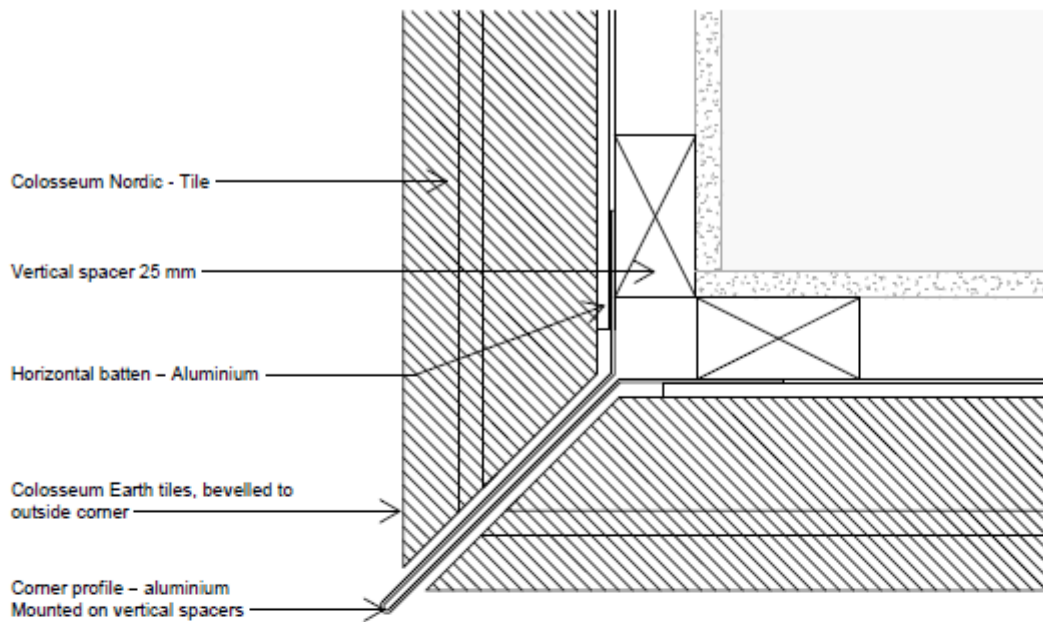


<b>KOMPROMENT cladding kit type Vidar Clay Shingles</b>	
Installation examples Finishing/top gable	Annex 12

<b>KOMPROMENT cladding kit type Concrete Cover</b>	Annex 12
<b>Installation examples</b> Finishing/top gable	



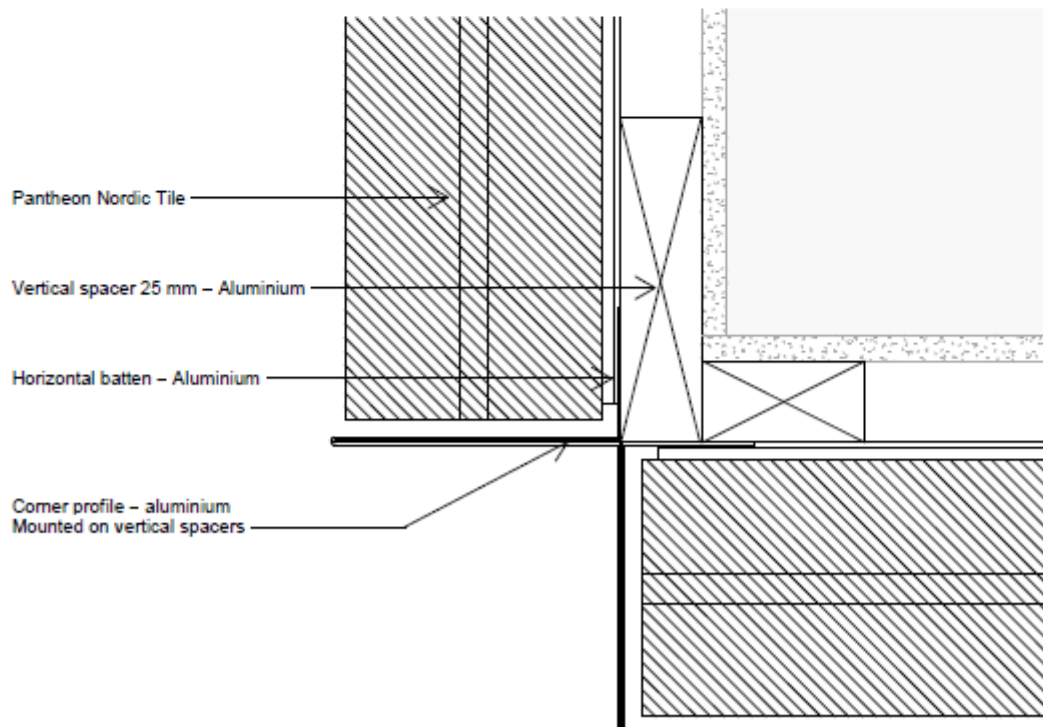
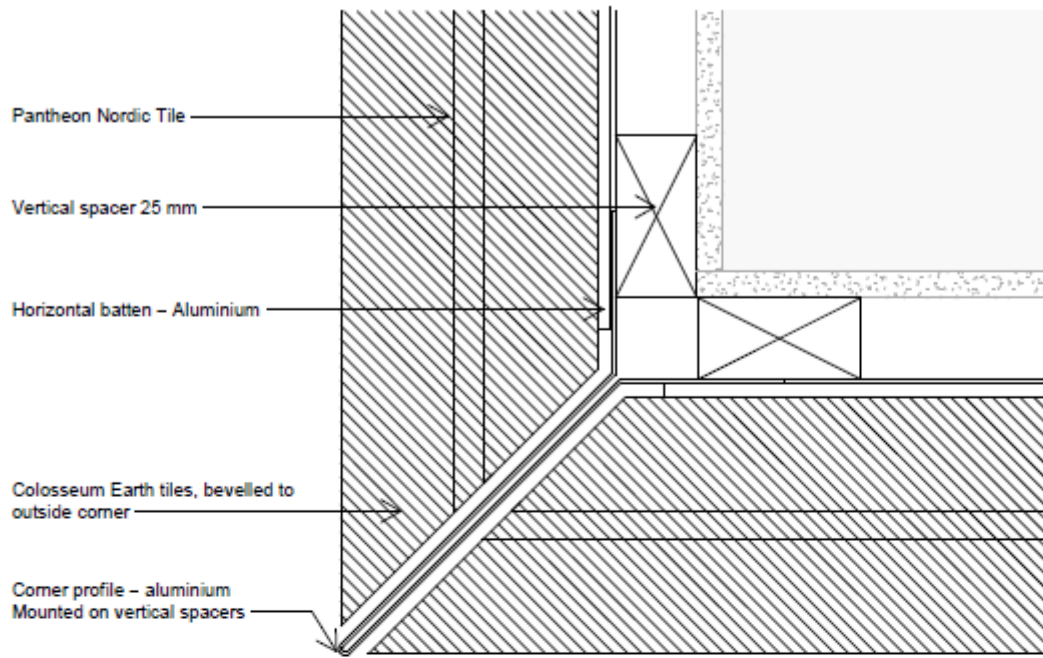
<p><b>KOMPROMENT cladding kit type Arena Earth</b></p>	
<p><b>Installation examples</b> Outside corner</p>	<p>Annex 13</p>



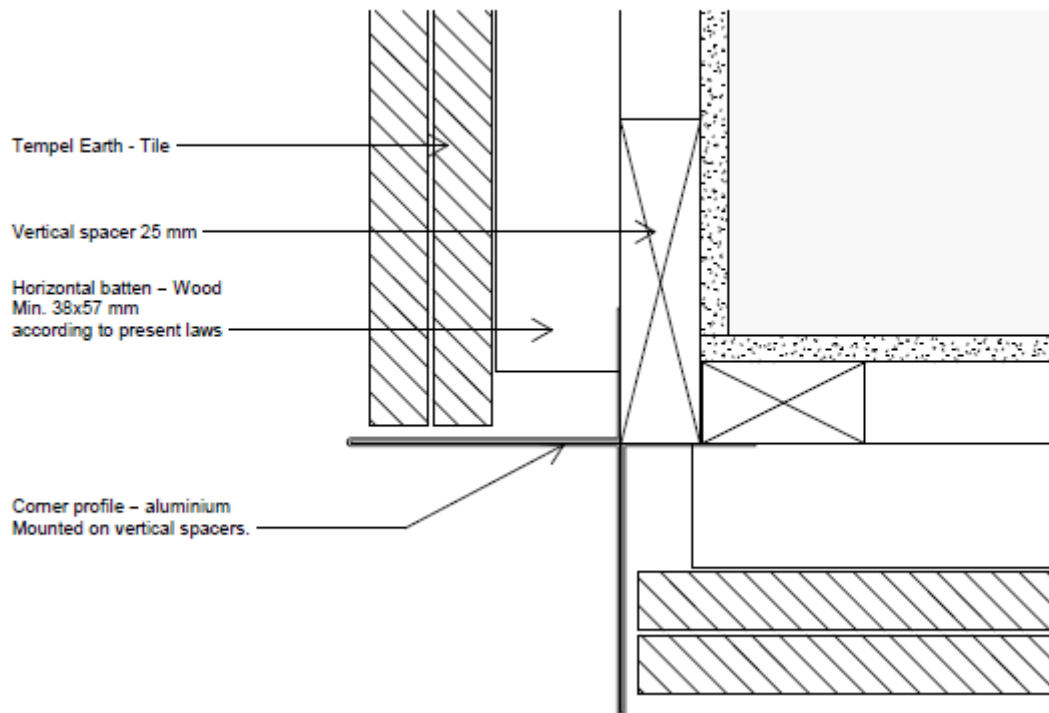
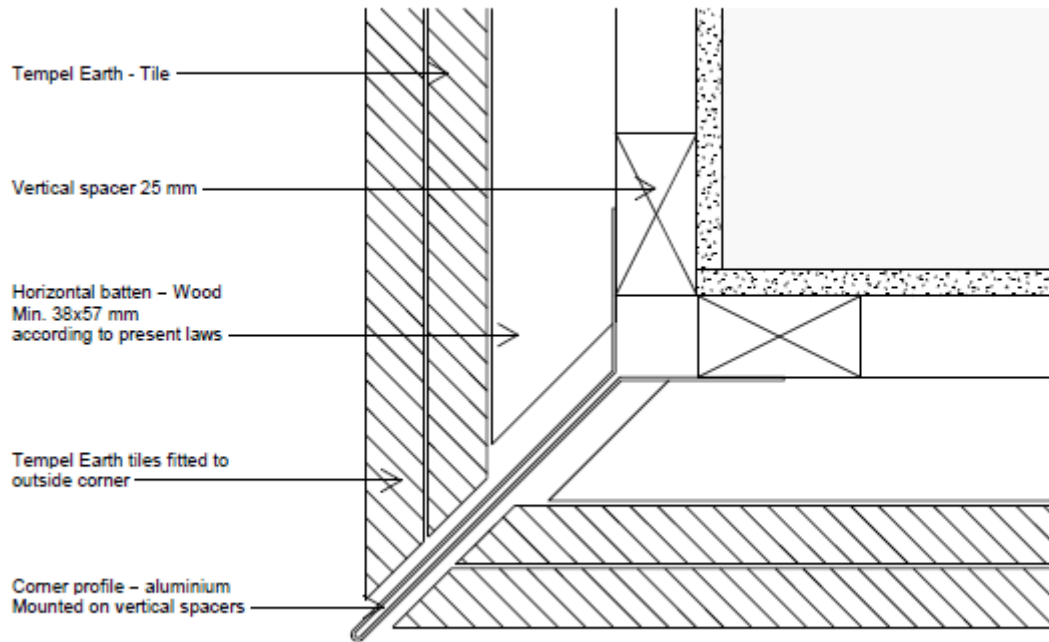
**KOMPROMENT cladding kit type Colosseum Nordic**

**Installation examples**  
Outside corner

Annex 13



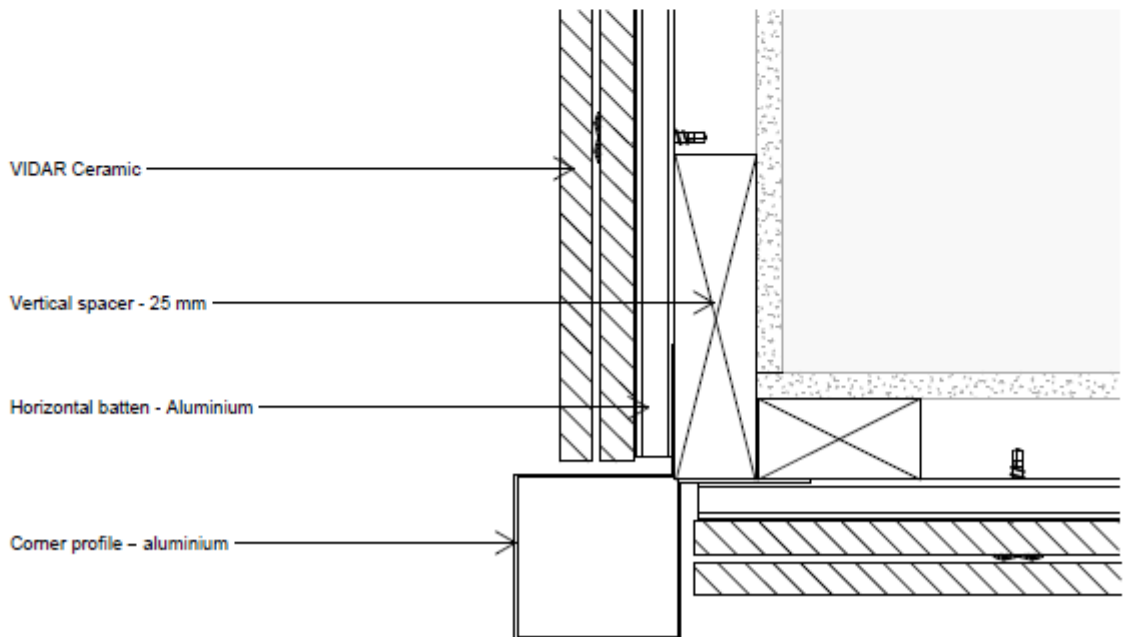
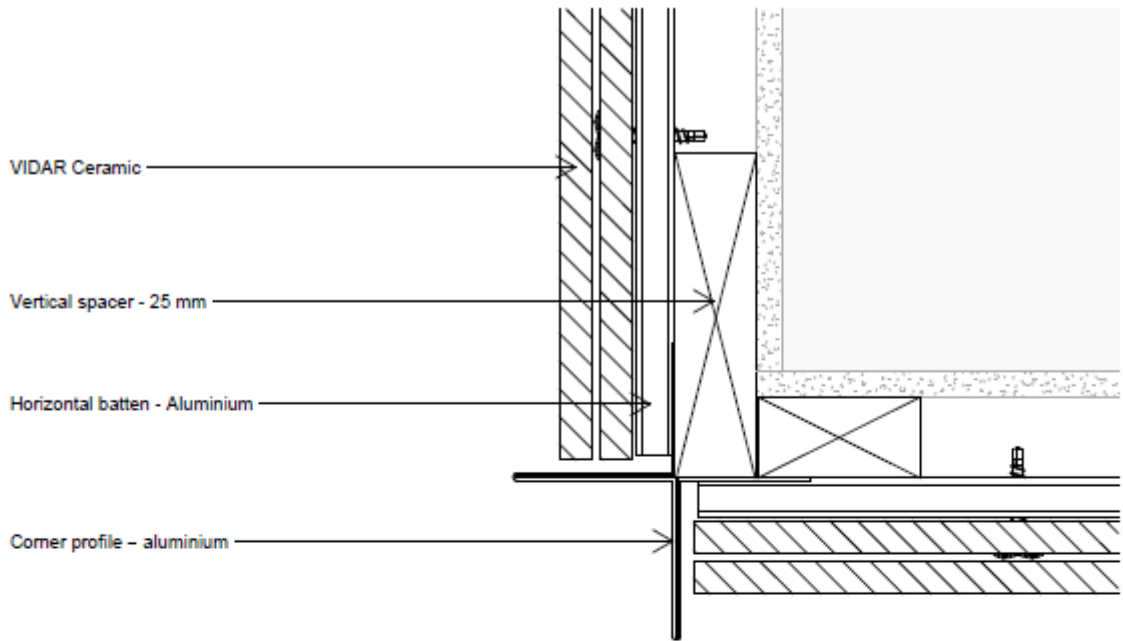
<p><b>KOMPROMENT cladding kit type Pantheon Nordic</b></p>	<p>Annex 13</p>
<p><b>Installation examples</b> Outside corner</p>	



**KOMPROMENT cladding kit type Tempel Earth**

**Installation examples**  
Outside corner

Annex 13

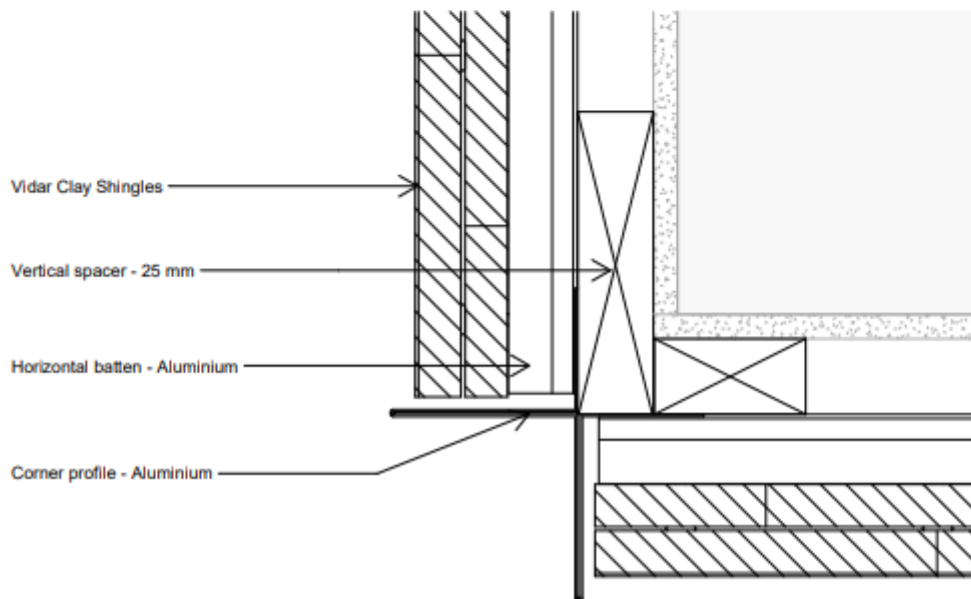
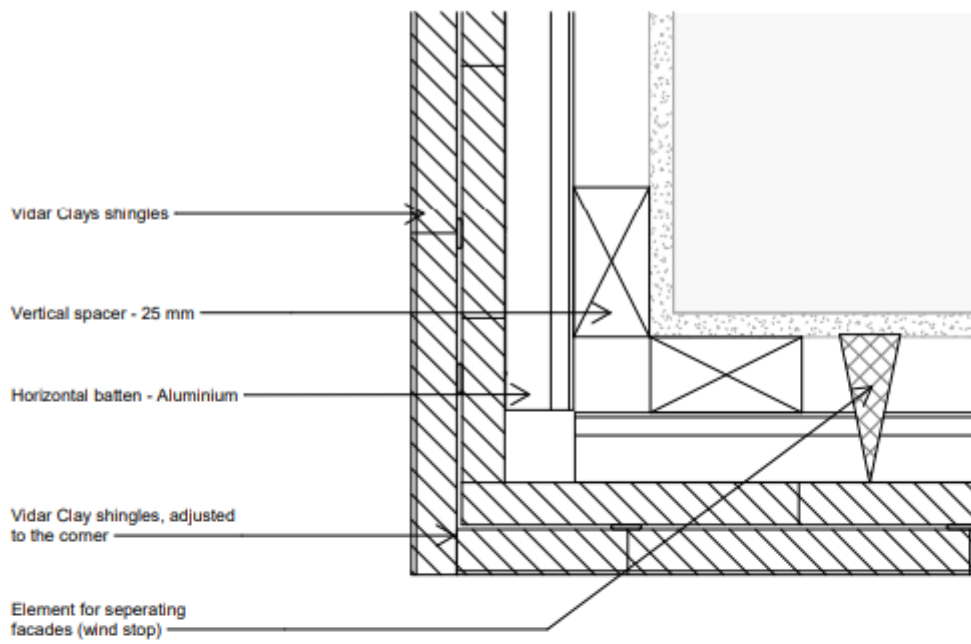


**KOMPROMENT cladding kit type Vidar Ceramic**

**Installation examples**  
Outside corner

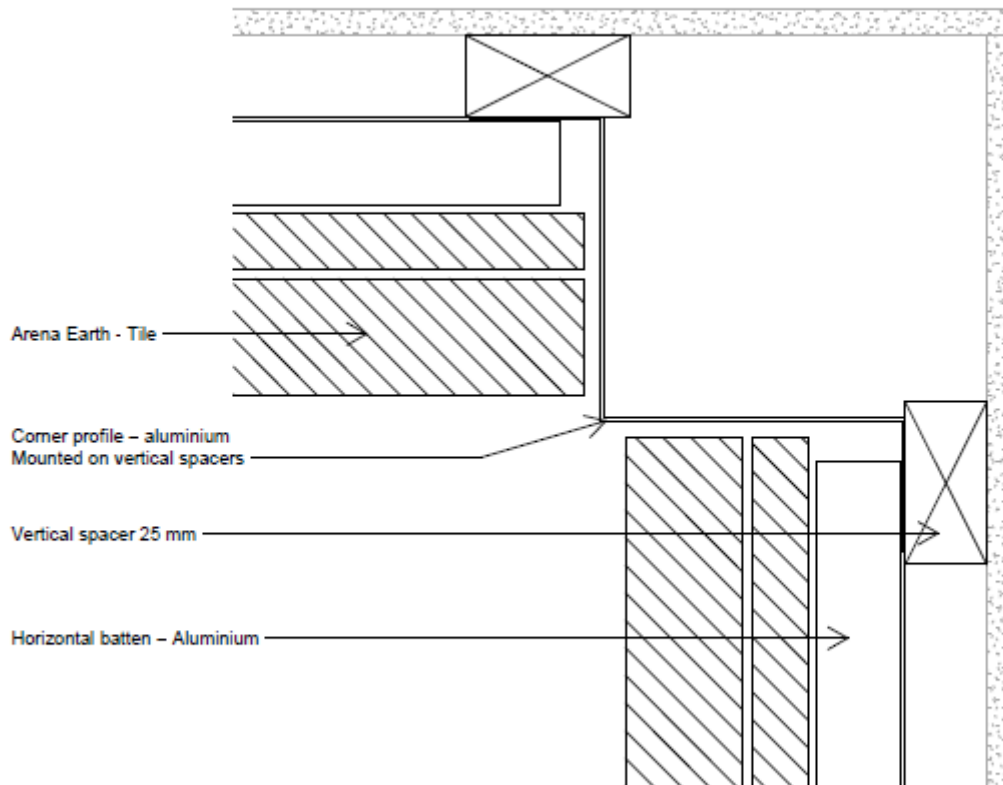
Annex 13



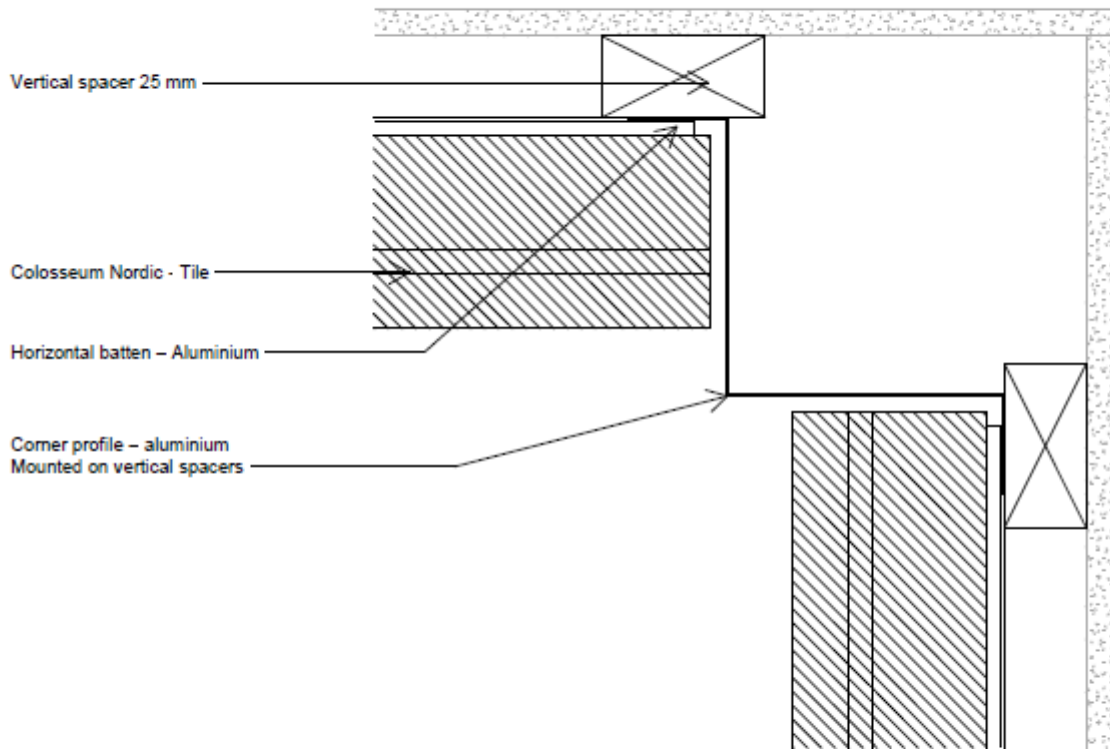


<p><b>KOMPROMENT cladding kit type Vidar Clay Shingles</b></p>	<p>Annex 13</p>
<p><b>Installation examples</b> Outside corner</p>	

<b>KOMPROMENT cladding kit type Concrete Cover</b>	
<b>Installation examples</b> Outside corner	Annex 13



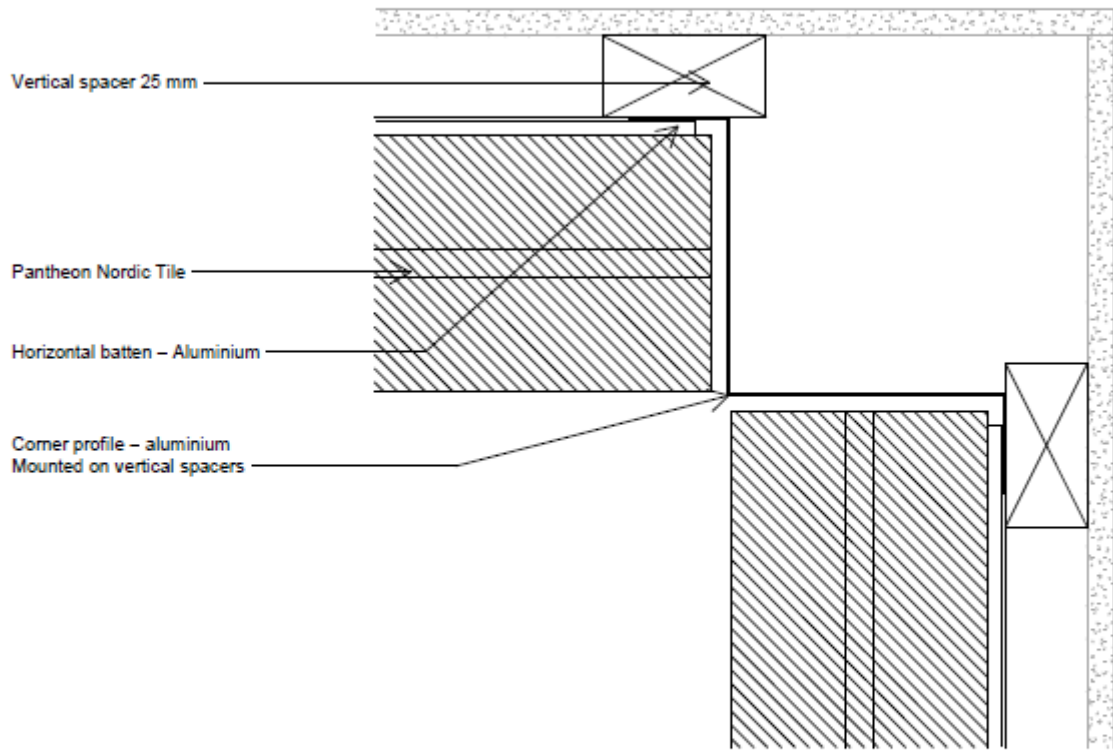
<b>KOMPROMENT cladding kit type Arena Earth</b>	
<b>Installation examples</b> Inside corner	Annex 14



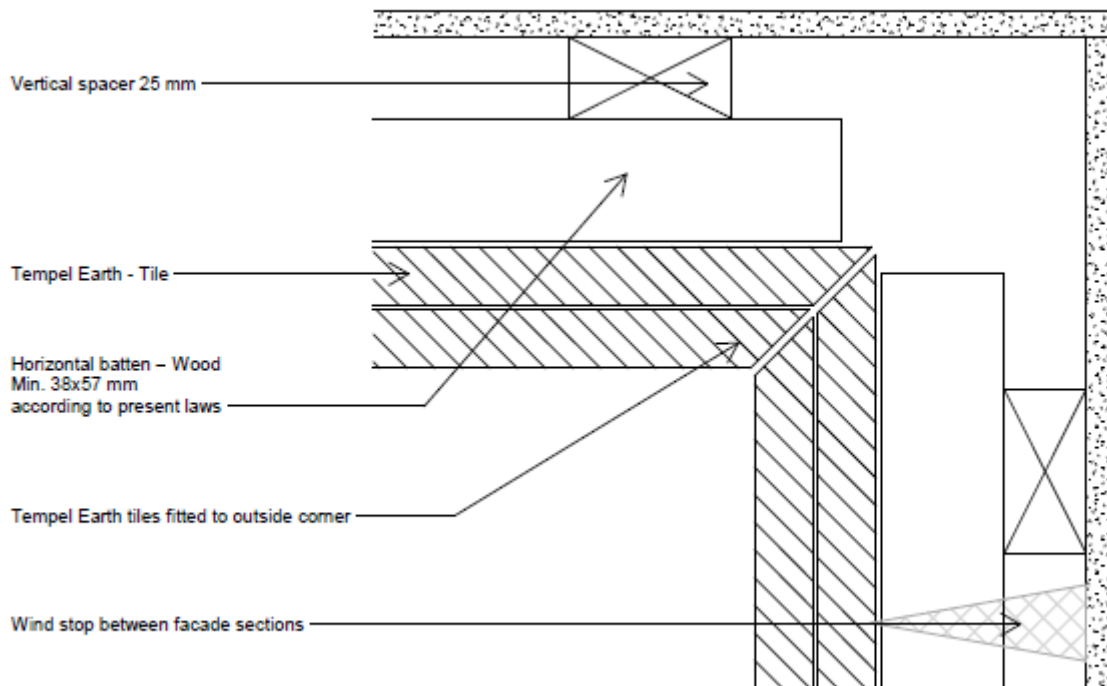
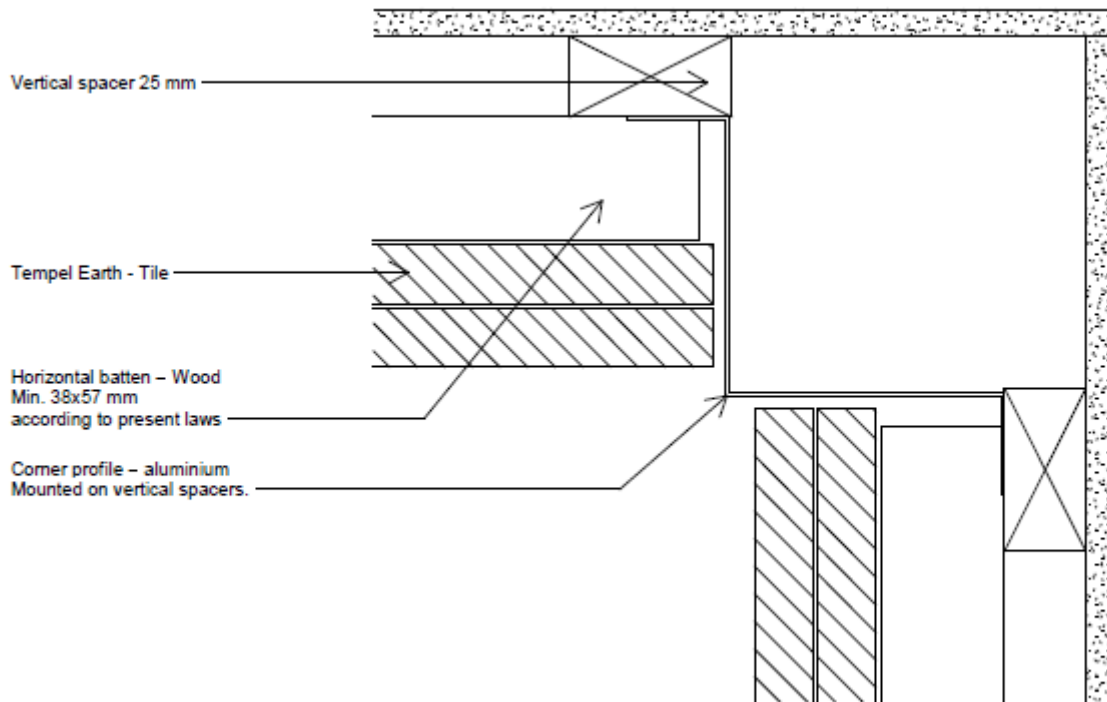
**KOMPROMENT cladding kit type Colosseum Nordic**

**Installation examples**  
Inside corner

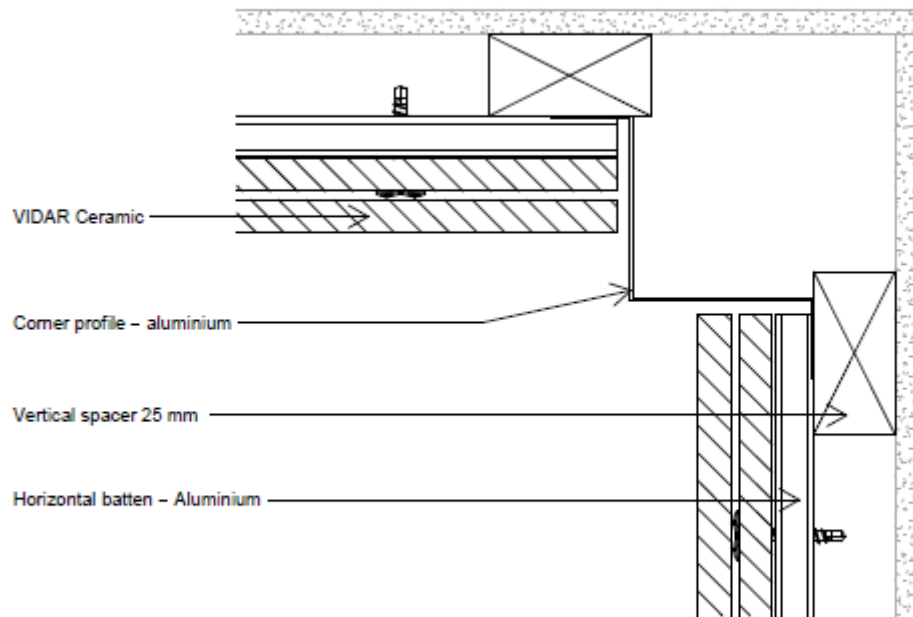
Annex 14



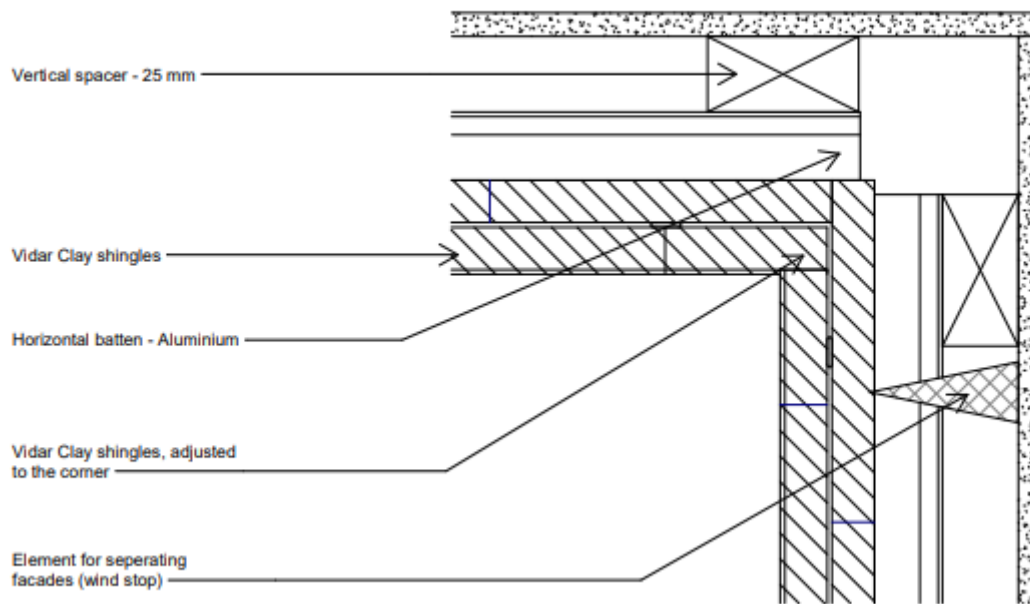
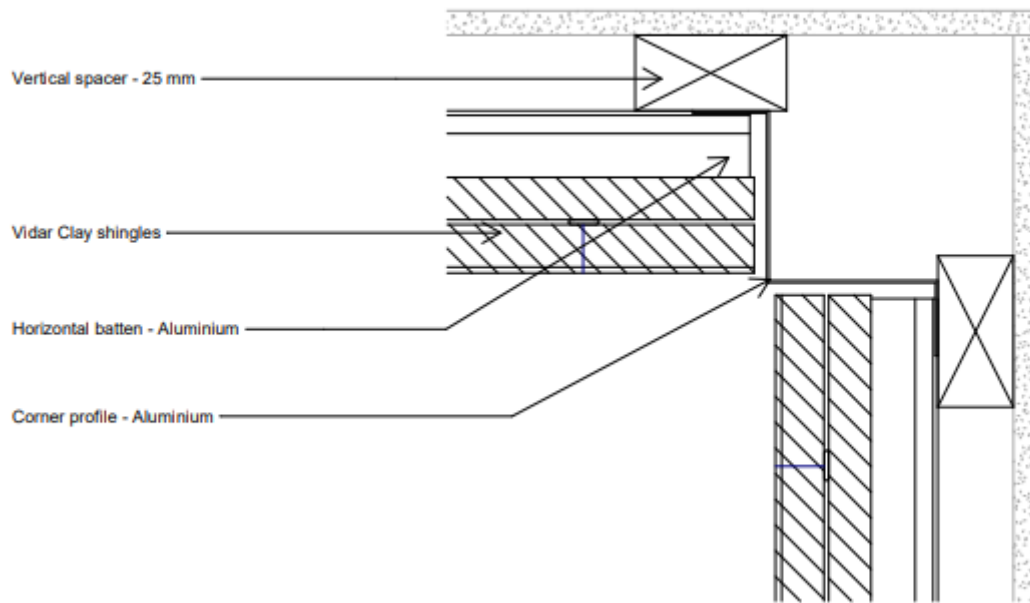
<b>KOMPROMENT cladding kit type Pantheon Nordic</b>	
<b>Installation examples</b> Inside corner	Annex 14



<b>KOMPROMENT cladding kit type Tempel Earth</b>	
<b>Installation examples</b> Inside corner	Annex 14



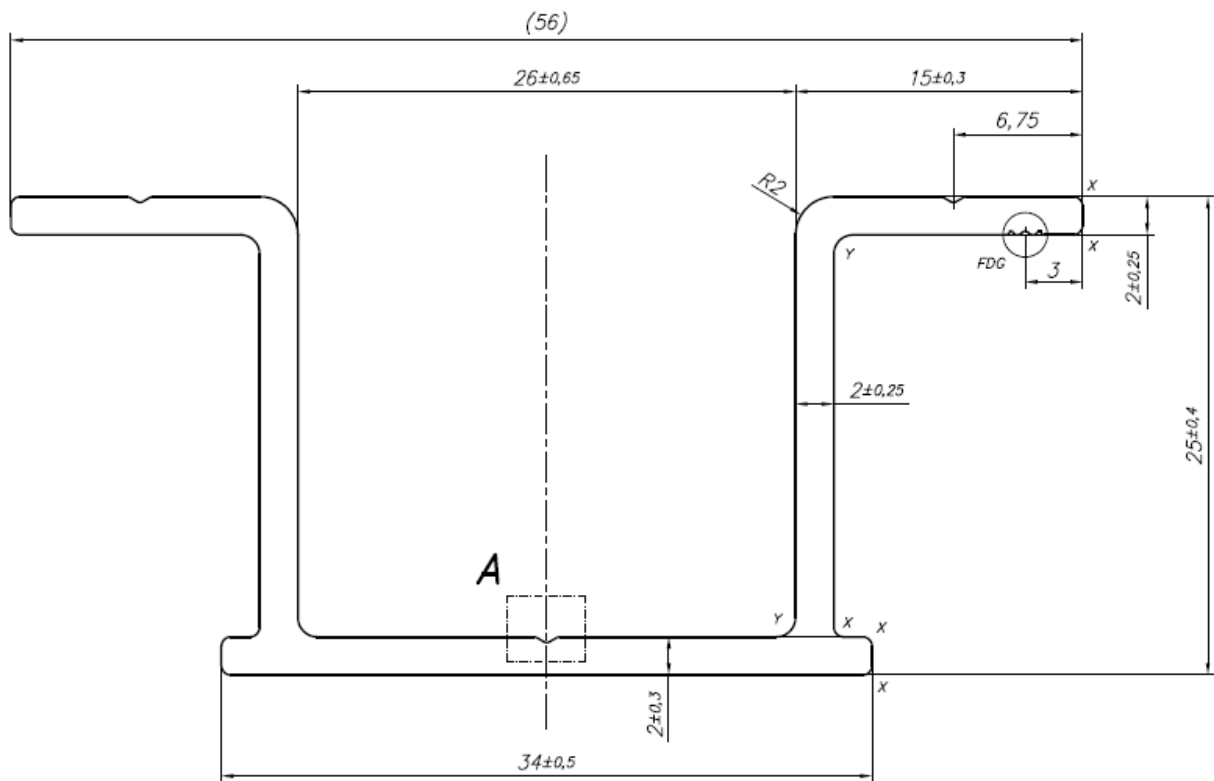
<b>KOMPROMENT cladding kit type Vidar Ceramic</b>	
<b>Installation examples</b> Inside corner	Annex 14



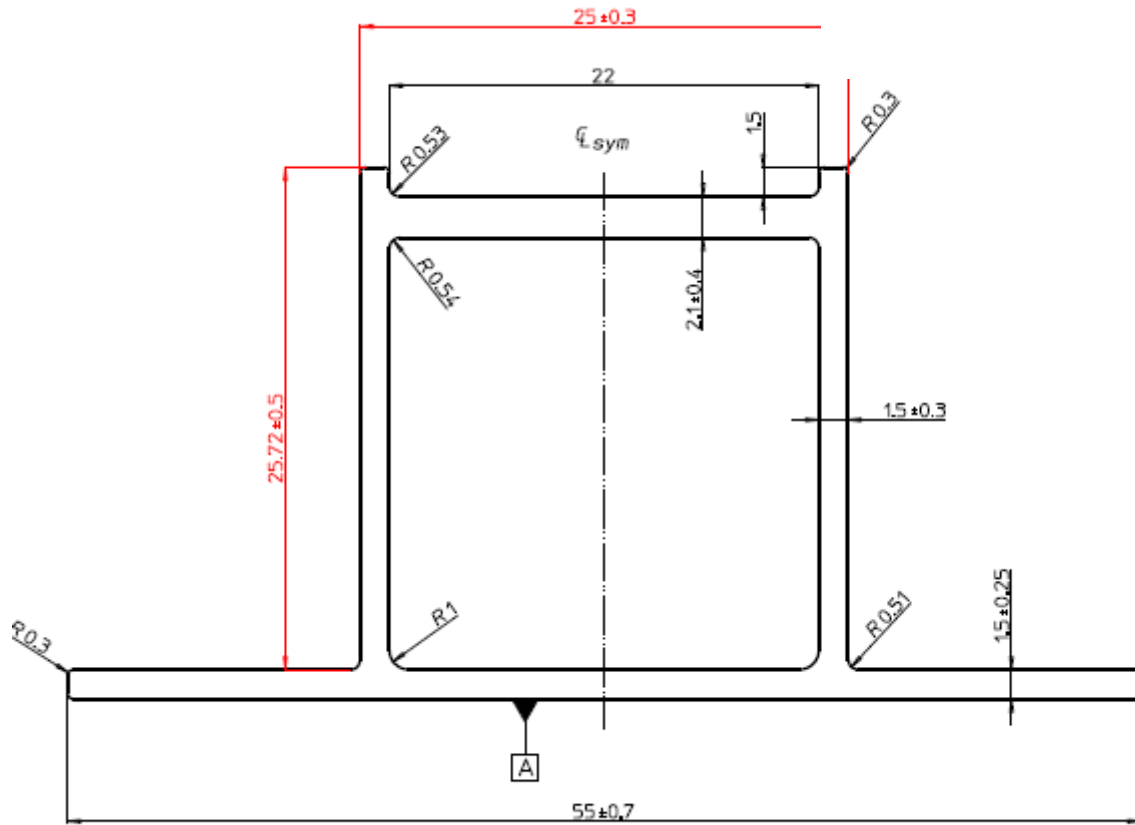
<p><b>KOMPROMENT cladding kit type Vidar Clay Shingles</b></p>	
<p><b>Installation examples</b> Inside corner</p>	<p>Annex 14</p>



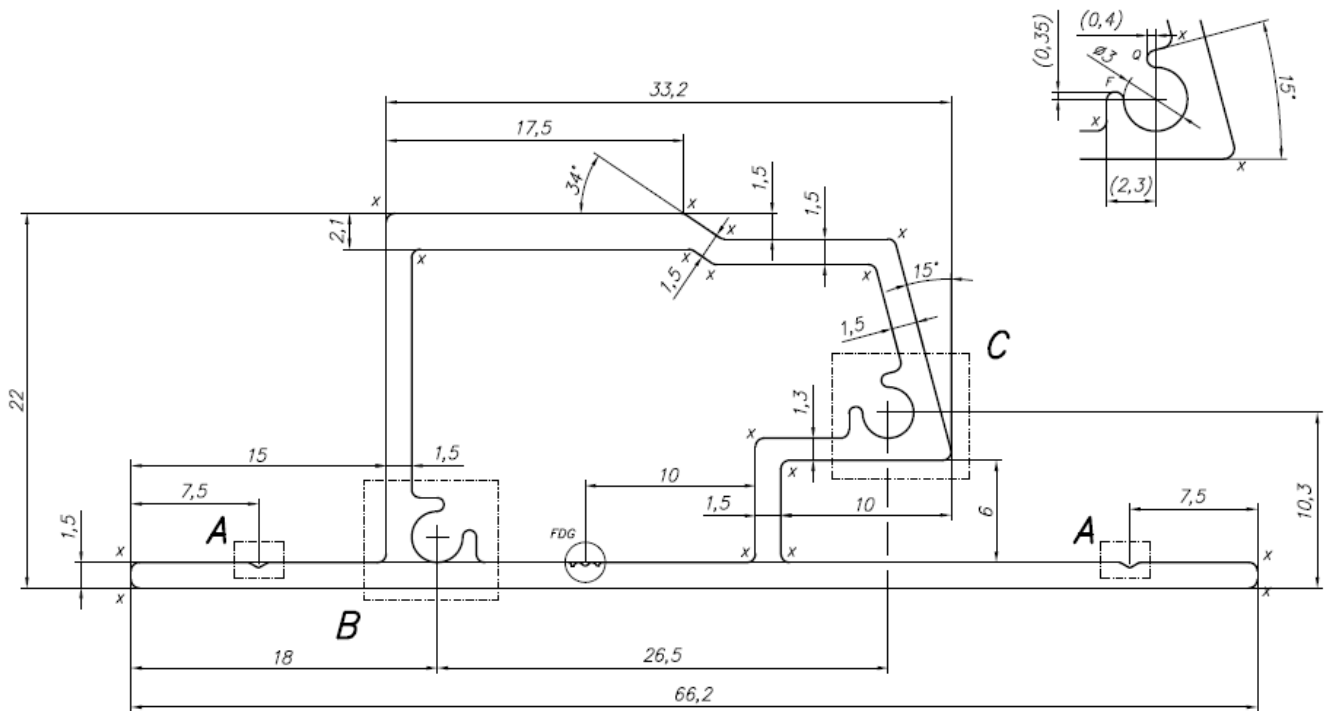
<b>KOMPROMENT cladding kit type Concrete Cover</b>	Annex 14
<b>Installation examples</b> Inside corner	



<p><b>KOMPROMENT cladding kit type Arena Earth; Colosseum Nordic; Pantheon Nordic; Tempel Earth; Vidar Ceramic; Concrete Cover and Vidar Clay Shingles</b></p>	
<p><b>Vertical subframe, Aluminium</b></p>	<p>Annex 15</p>



<p><b>KOMPROMENT cladding kit type Arena Earth; Colosseum Nordic; Pantheon Nordic; Tempel Earth and Concrete Cover</b></p>	<p>Annex 16</p>
<p><b>Horizontal subframe, aluminium</b></p>	



**KOMPROMENT cladding kit type Vidar Ceramic and Vidar Clay Shingles**

**Horizontal subframe, aluminium**

Annex 16

**Design**

The design of the external wall claddings for ventilated facades using the KOMPROMENT cladding kit type Arena Earth; Colosseum Nordic; Pantheon Nordic; Tempel Earth; Vidar Ceramic, Vidar Clay Shingles and Concrete Cover should consider:

- It is assumed that the substrate wall meets the necessary requirements regarding the mechanical strength (resistance to static and dynamic loads) and the airtightness, as well as the relevant resistance regarding watertightness and water vapour.
- The verification of the designed system by means of calculation, taking into account the mechanical characteristic value of the kit components in order to resist the actions (dead loads, wind loads etc.) applying on the specific works. National safety factors and other national provisions must be followed.
- The selection and verification of the brackets which support the subframe vertical profiles considering compatible materials (e.g. aluminium alloy) and the mechanical resistance (vertical and horizontal resistance) according to the envisaged actions obtained from the mechanical calculation of the designed system.
- The selection and verification of the anchors between the brackets and the external walls (substrate), taking into account the substrate material and the minimum resistance required (pull-out and shear resistance) according to the envisaged actions obtained from the mechanical calculation of the designed system.
- The accommodation of the designed system movements to the substrate or structural movements.
- The execution of singular parts of the façade, some examples of construction details are indicated in annex 3.
- The corrosion protection of the designed system metallic components taking into account the category of corrosivity of the atmosphere of the works (e.g. according to ISO 9223).
- The drainability of the ventilated air space between the cladding elements and the insulation layer or the external wall accordingly.
- An insulation layer is usually fixed on the external wall and should be defined in accordance with an harmonized standard or an ETA and taking into account the section 3 of this ETA.
- Because the joints are not watertight, the first layer behind the ventilated air space (e.g. insulation layer) should be composed by materials with low water absorption.

**Installation**

Installation of the external wall claddings for ventilated facades using the KOMPROMENT cladding kit type Arena Earth; Colosseum Nordic; Pantheon Nordic; Tempel Earth; Vidar Ceramic; Vidar Clay Shingles and Concrete Cover should be carried out:

- According to the specifications of the manufacturer and using the components specified in this ETA.
- In accordance with the design and drawings prepared for the specific works. The manufacturer should ensure that the information on these provision is given to those concerned.
- By appropriately qualified staff and under the supervision of the technical responsible of the specific works.

**Maintenance and repair**

Maintenance of the external wall claddings for ventilated facades using the cladding kit type Arena Earth; Colosseum Nordic; Pantheon Nordic; Tempel Earth; Vidar Ceramic; Vidar Clay Shingles and Concrete Cover includes inspections on site, taking into account the following aspects:

- Regarding the cladding elements, the appearance of any damage such as cracking, detachment, delamination and mould presence due to permanent moisture or permanent irreversible deformation.
- Regarding metallic components: The presence of corrosion or presence of water accumulation.

When necessary, any repair to localized damaged areas must be carried out with the same components and following the repair instructions given by the manufacturer.

<b>KOMPROMENT cladding kit type Arena Earth; Colosseum Nordic; Pantheon Nordic; Tempel Earth; Vidar Ceramic; Vidar Clay Shingles and Concrete Cover</b>	
<b>Design, installation, maintenance, and repair criteria</b>	Annex 17