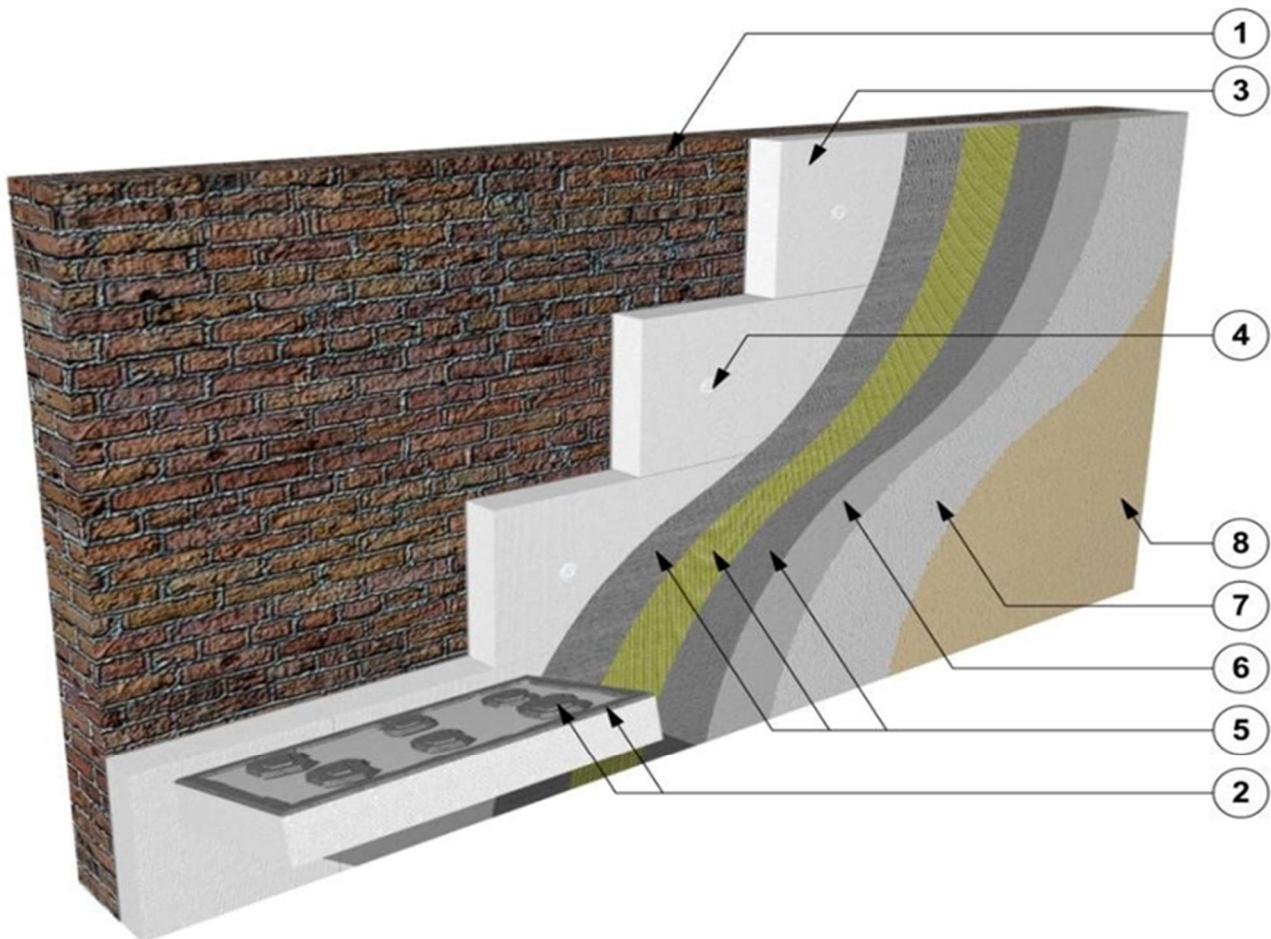




Standard Design Details

UK

Figure 1.
Thermal Insulation Composite Systems ATLAS
Layers of Thermal Insulation Composite System ATLAS
with expanded polystyrene boards EPS (standard and elastified)

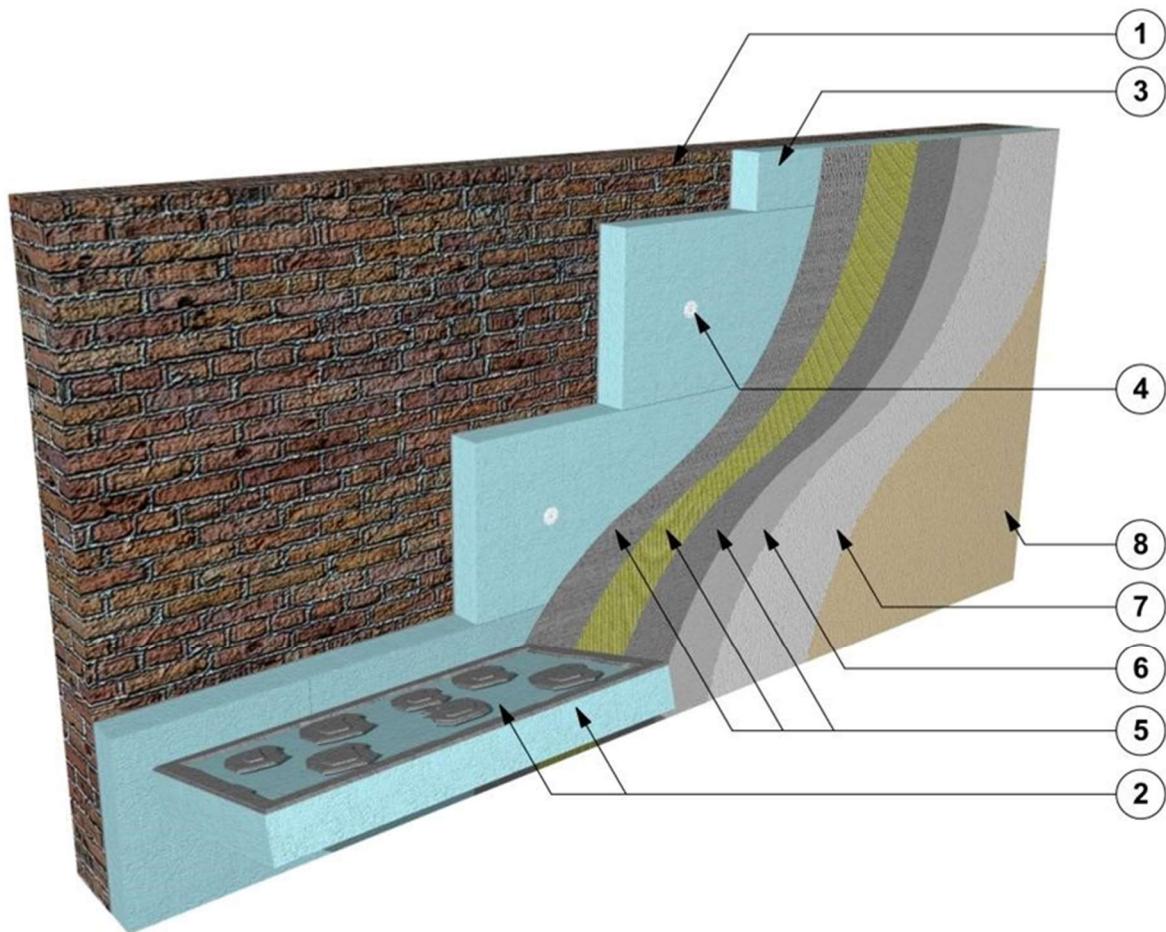


1. Substrate
2. Insulation adhesive
 - ATLAS STOPTER K-50
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
 - ATLAS GRAWIS S
 - ATLAS GRAWIS U
 - ATLAS ROKER U
3. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
4. Anchor
5. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-50
 - Insulation adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Insulation adhesive ATLAS GRAWIS U
 - Insulation adhesive ATLAS ROKER U
 - Fibreglass reinforcing mesh
6. Render primer
 - ATLAS CERPLAST (with mineral render ATLAS CERMIT and ATLAS ACRYLIC RENDER and ATLAS CERMIT N-100)
 - ATLAS SILKON ANX (with silicone renders)
7. Render coat
 - Mineral render ATLAS CERMIT
 - Acrylic render ATLAS CERMIT N-100
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - ATLAS SILKON BA
8. Top paint coat (optional)
 - Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS

Figure 2.

Thermal Insulation Composite Systems ATLAS

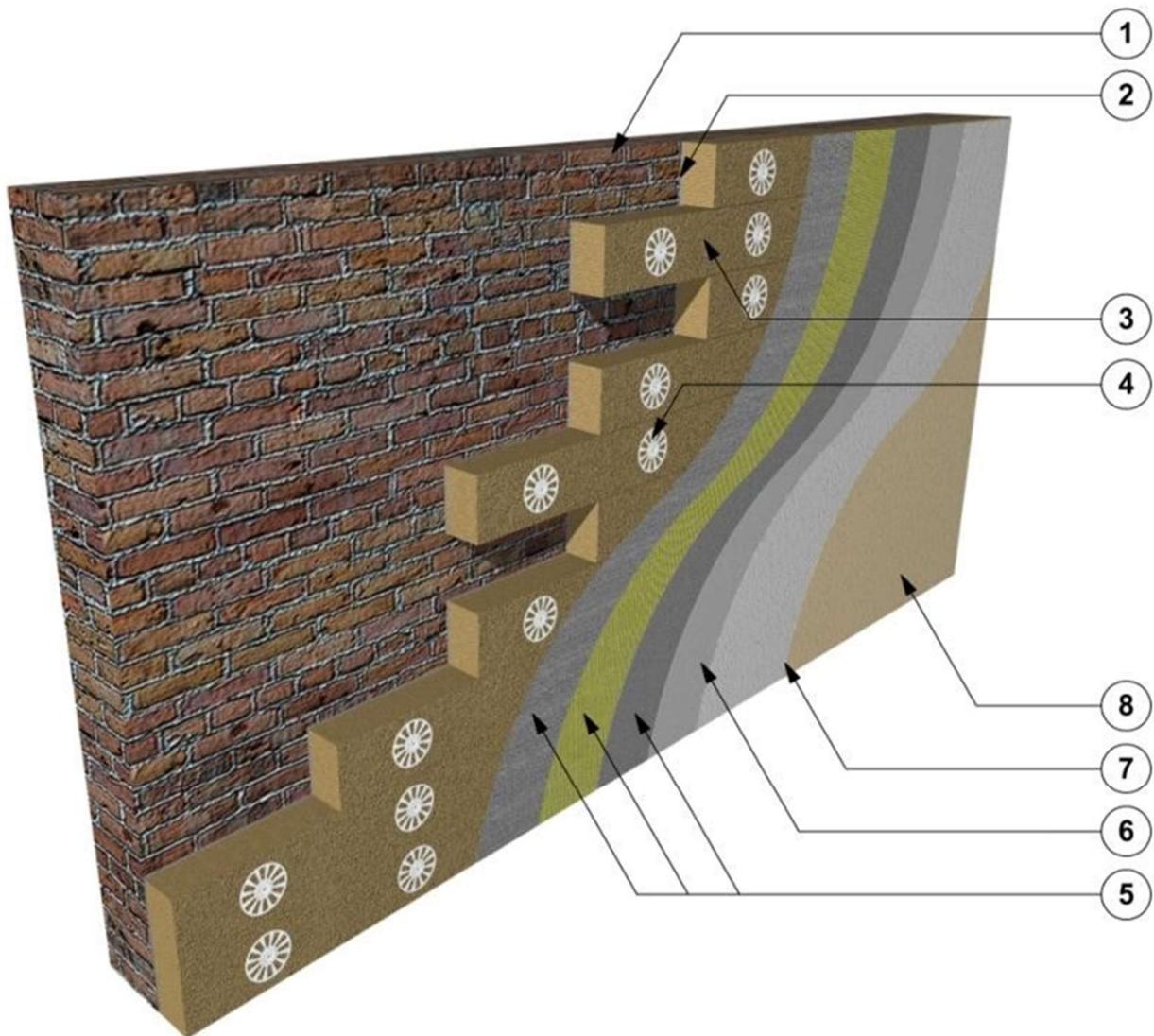
Layers of Thermal Insulation Composite System ATLAS with extruded polystyrene boards XPS



1. Substrate
2. Insulation adhesive
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
3. Thermal insulation
 - extruded polystyrene XPS
4. Anchor
5. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K20
 - Insulation adhesive ATLAS HOTER U
 - Fibreglass reinforcing mesh
6. Render primer
 - ATLAS CERPLAST (with mineral render ATLAS CERMIT and ATLAS ACRYLIC RENDER and ATLAS CERMIT N-100)
 - ATLAS SILKON ANX (with silicone renders)
7. Render coat
 - Mineral render ATLAS CERMIT
 - Acrylic render ATLAS CERMIT N-100
 - ATLAS ACRYLIC RENDER
 - ATLAS SILCON BA
8. Top paint coat (optional)
 - Silicate paint ATLAS SALTA, SALTA S

Figure 3.

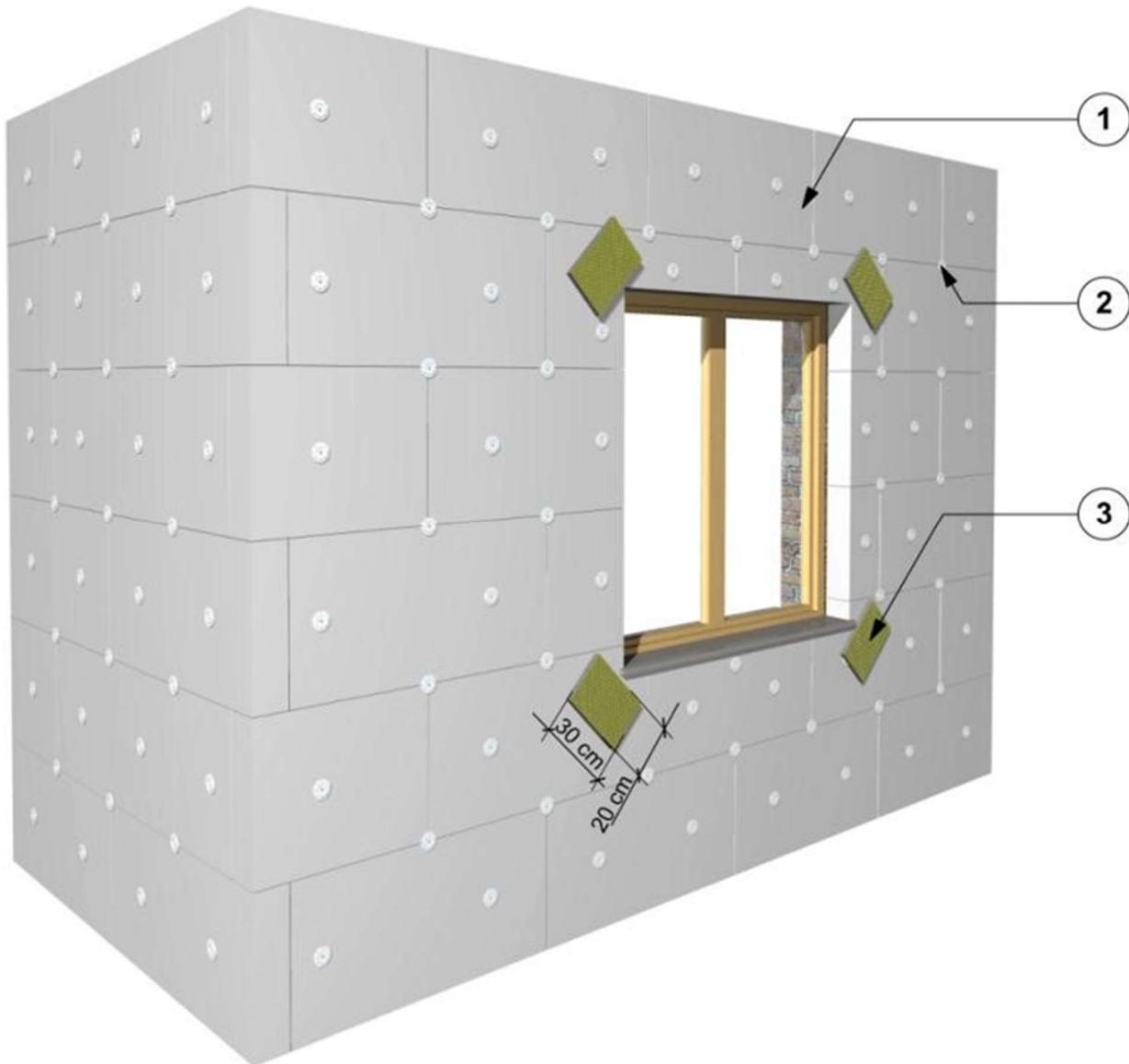
Layers of Thermal Insulation Composite System ATLAS ROKER with mineral wool boards (MW)



1. Substrate
2. Insulation adhesive
 - ATLAS STOPTER K-50
 - ATLAS ROKER W
 - ATLAS ROKER U
3. Thermal insulation
 - mineral wool (MW)
4. Anchor (with hammer in steel pin)
5. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-50
 - Insulation adhesive ROKER U
 - Fibreglass reinforcing mesh
6. Render primer
7. Render coat
 - ATLAS CERPLAST (with mineral render ATLAS CERMIT)
 - ATLAS SILKON ANX (with silicone renders)
8. Top paint coat (optional)
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA and ATLAS SALTA N

Figure 4.

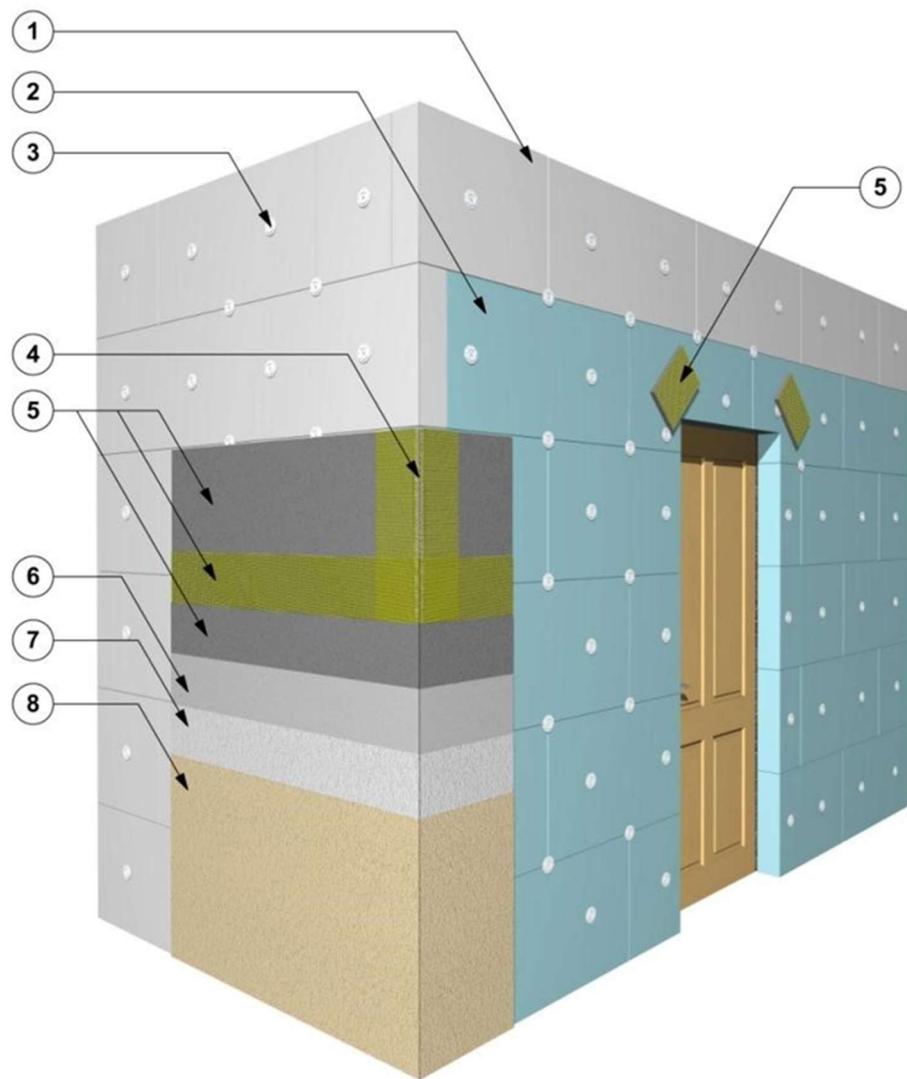
Detail scheme: Arrangement of anchors and additional reinforcing at corners of window/door reveals (with additional patches of reinforcing mesh)



1. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
2. Anchor
3. Reinforced layer

Figure 5.

Detail scheme: Insulation of external wall corner (with a corner profile)



1. Thermal insulation

- standard expanded polystyrene EPS
- elastified expanded polystyrene EPS

2. Thermal insulation

- extruded polystyrene XPS

3. Anchor

4. Corner profile with mesh

5. Reinforced layer

- Insulation adhesive ATLAS STOPTER K-20
- Insulation adhesive ATLAS HOTER U
- Glass fibre reinforcing mesh

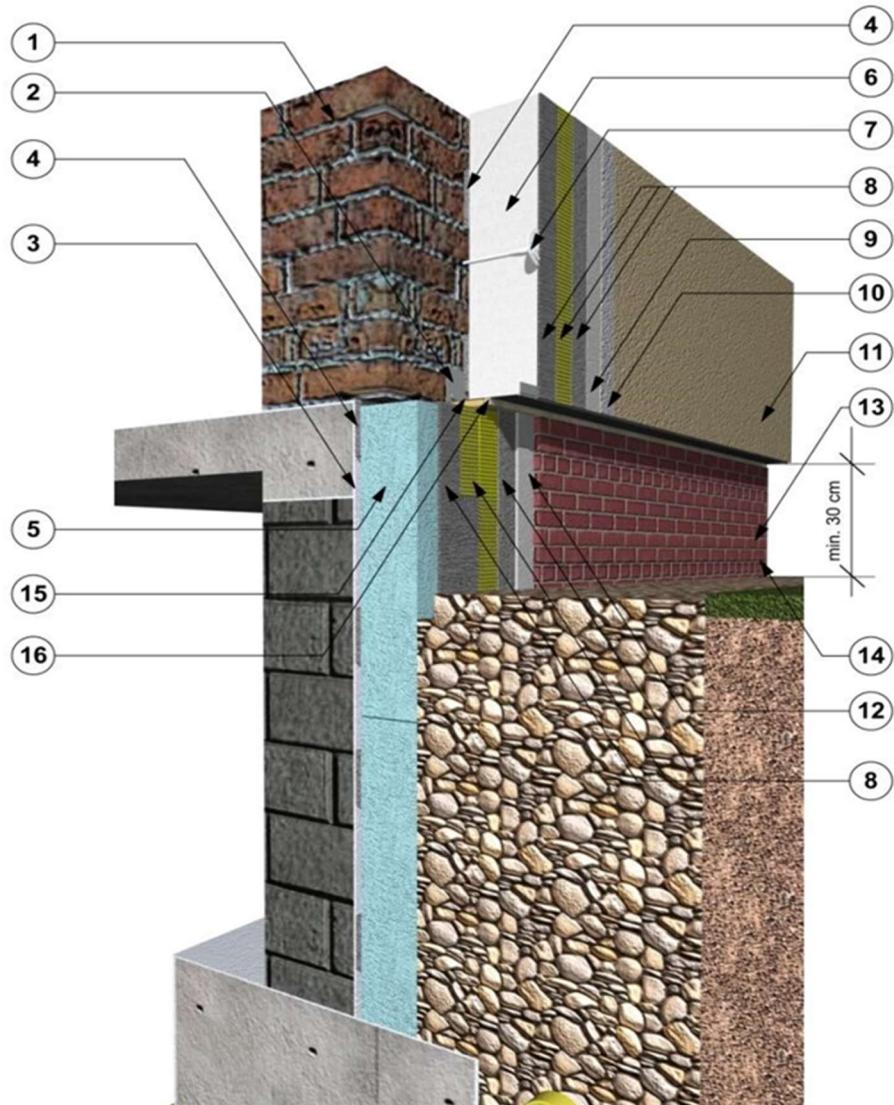
6. Render primer

- ATLAS CERPLAST (with mineral render)
- ATLAS SILKON ANX (with silicone render)

7. Render coat

- Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
8. Top paint coat (optional)
- Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N

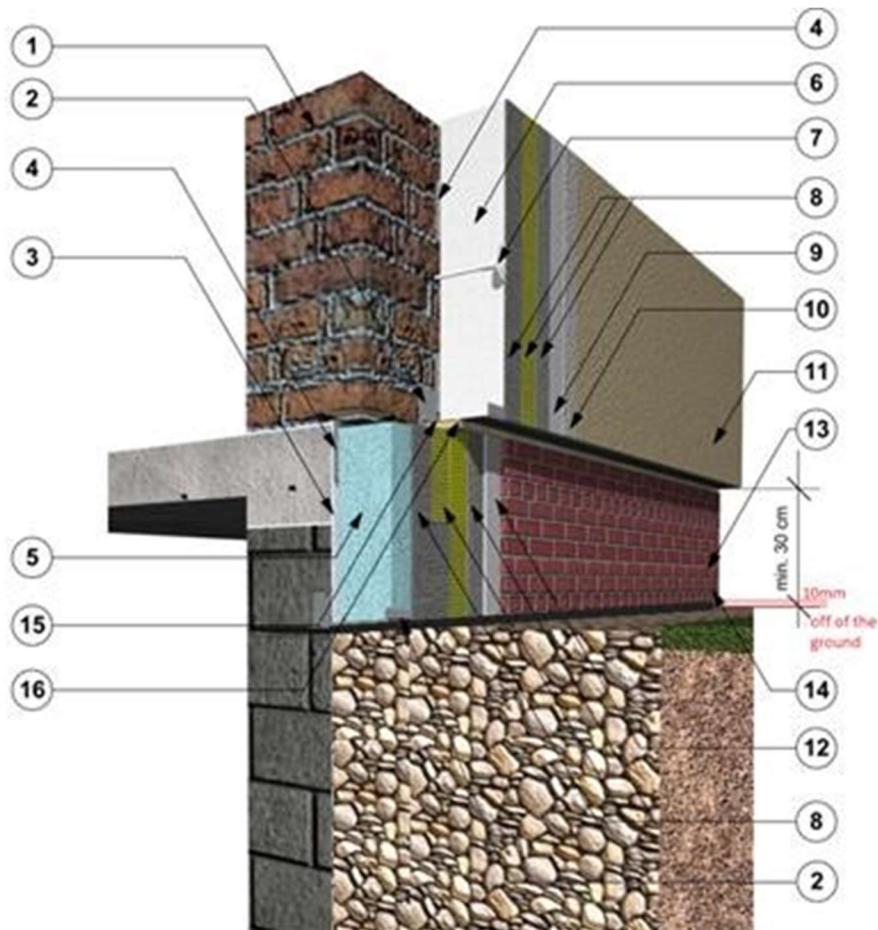
Figure 6a.
Detail scheme: Base and plinth insulation with subfloor vent



1. Substrate
2. Starter track
3. ATLAS WODER E sealing layer
4. Insulation adhesive
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
5. Thermal insulation
 - XPS or HD EPS
6. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
7. Anchor
8. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Glass fibre reinforcing mesh
9. Render primer
 - ATLAS CERPLAST (with mineral render ATLAS CERMIT and acrylic render ATLAS CERMIT)
 - ATLAS SILKON ANX (with silicone renders)
10. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
11. Top paint coat (optional)
 - Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
12. ATLAS PLUS adhesive
13. Subfloor vent covering
14. ATLAS CERAMIC GROUT, ATLAS ELASTIC GROUT
15. Expanding tape
16. ATLAS SILTON S sanitary silicone

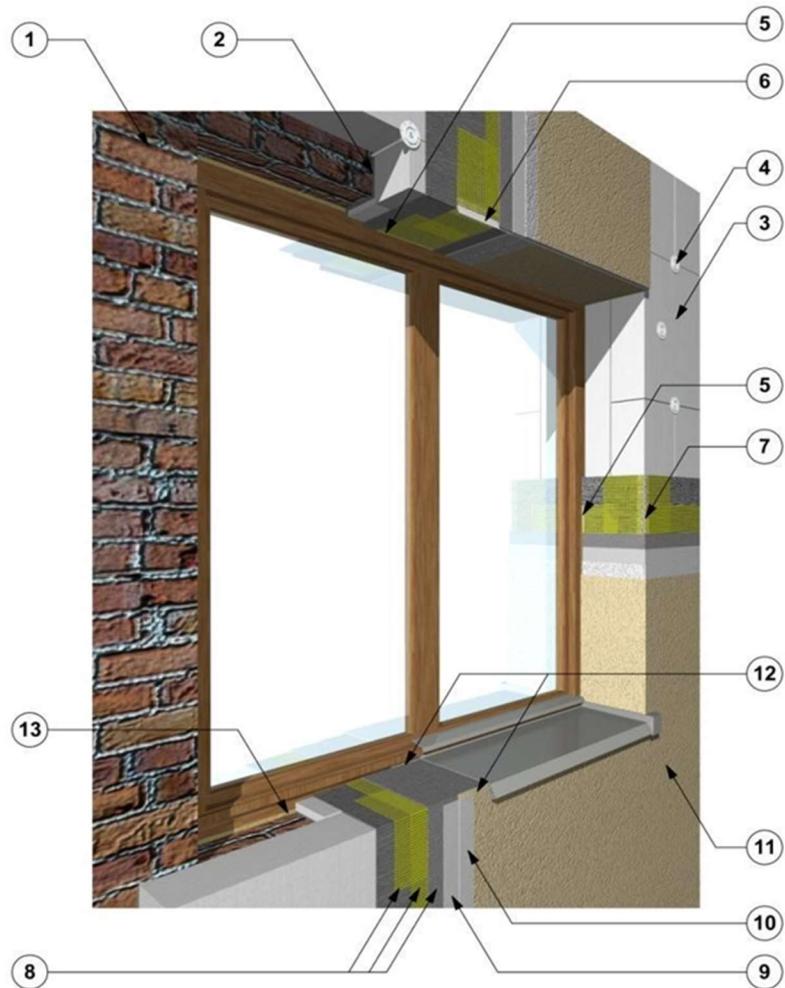
Figure 6b.

Detail scheme: Base and plinth insulation



1. Substrate
2. Starter track
3. ATLAS WODER E sealing layer
4. Insulation adhesive
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
5. Thermal insulation
 - extruded polystyrene XPS or HD expanded polystyrene
6. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
7. Anchor
8. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Glass fibre reinforcing mesh
9. Render primer
 - ATLAS CERPLAST (with mineral render ATLAS CERMIT and acrylic render ATLAS CERMIT)
 - ATLAS SILKON ANX (with silicone renders)
10. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
11. Top paint coat (optional)
 - Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
12. ATLAS PLUS adhesive
13. Clinker tiles covering
14. ATLAS CERAMIC GROUT, ATLAS ELASTIC GROUT
15. Expanding tape
16. ATLAS SILTON S sanitary silicone

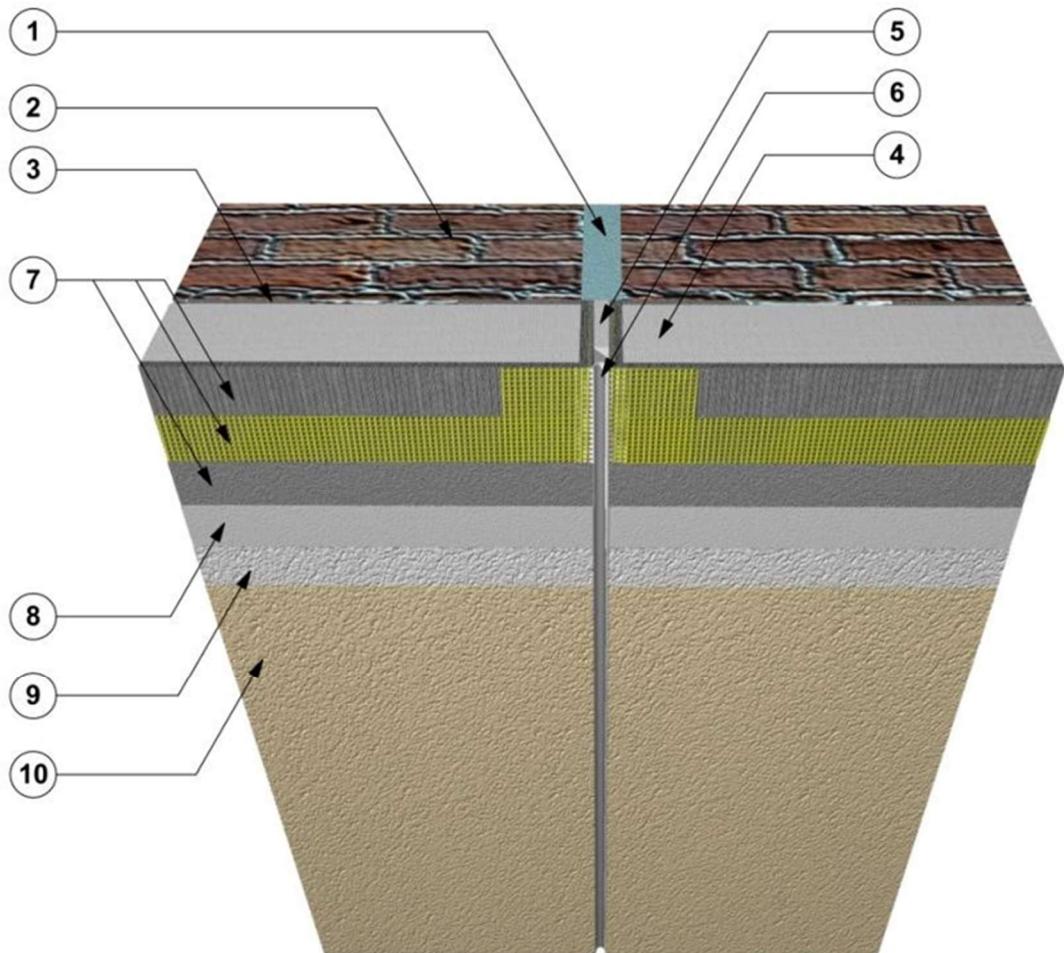
Figure 7.
Detail scheme: Window reveal insulation



1. Substrate
2. Insulation adhesive
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
3. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
4. Anchor
5. Window profile
6. Drip profile
7. Corner profile with mesh
8. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Glass fibre reinforcing mesh
9. Render primer
10. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICIONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
11. Top paint coat (optional)
 - Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
12. ATLAS SILTON S sanitary silicone
13. Sealing foam

Figure 8.

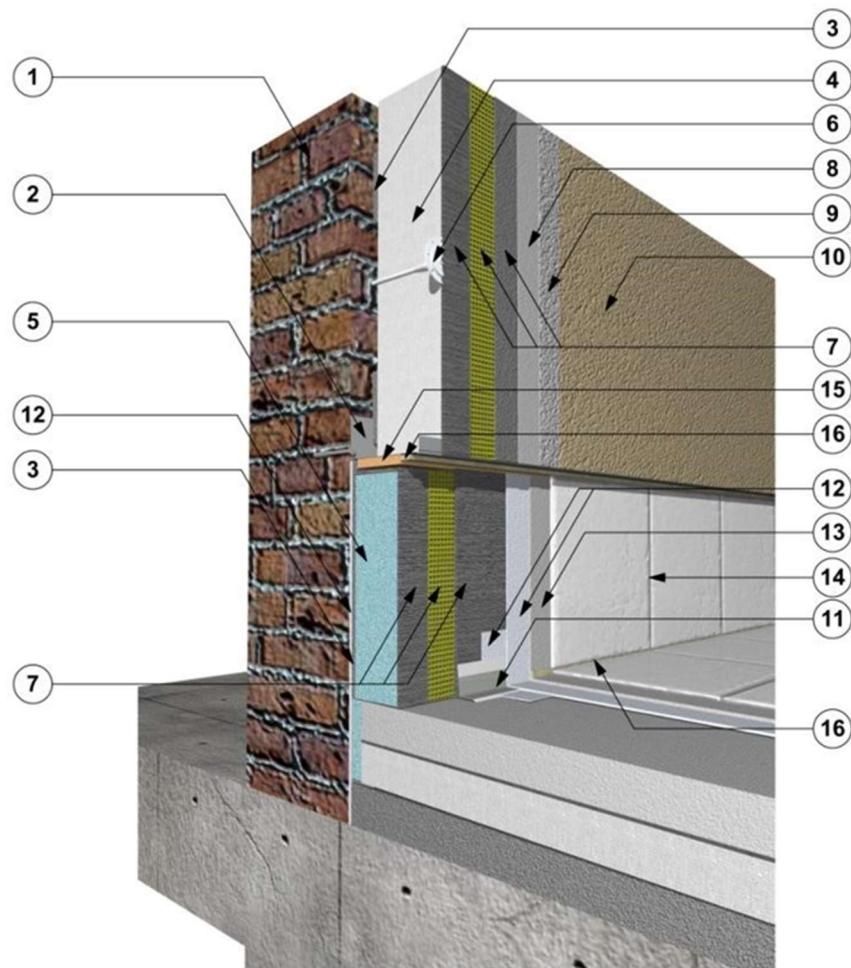
Detail scheme: Vertical expansion joint (with a straight expansion joint profile)



1. Building structural expansion joint
2. Substrate
3. Insulation adhesive
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
4. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
5. Additional stripe of insulation
6. Straight expansion joint profile
7. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Glass fibre reinforcing mesh
8. Render primer
 - ATLAS CERPLAST (with mineral render)
 - ATLAS SILKON ANX (with silicone renders)
9. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
10. Top paint coat (optional)
 - Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS

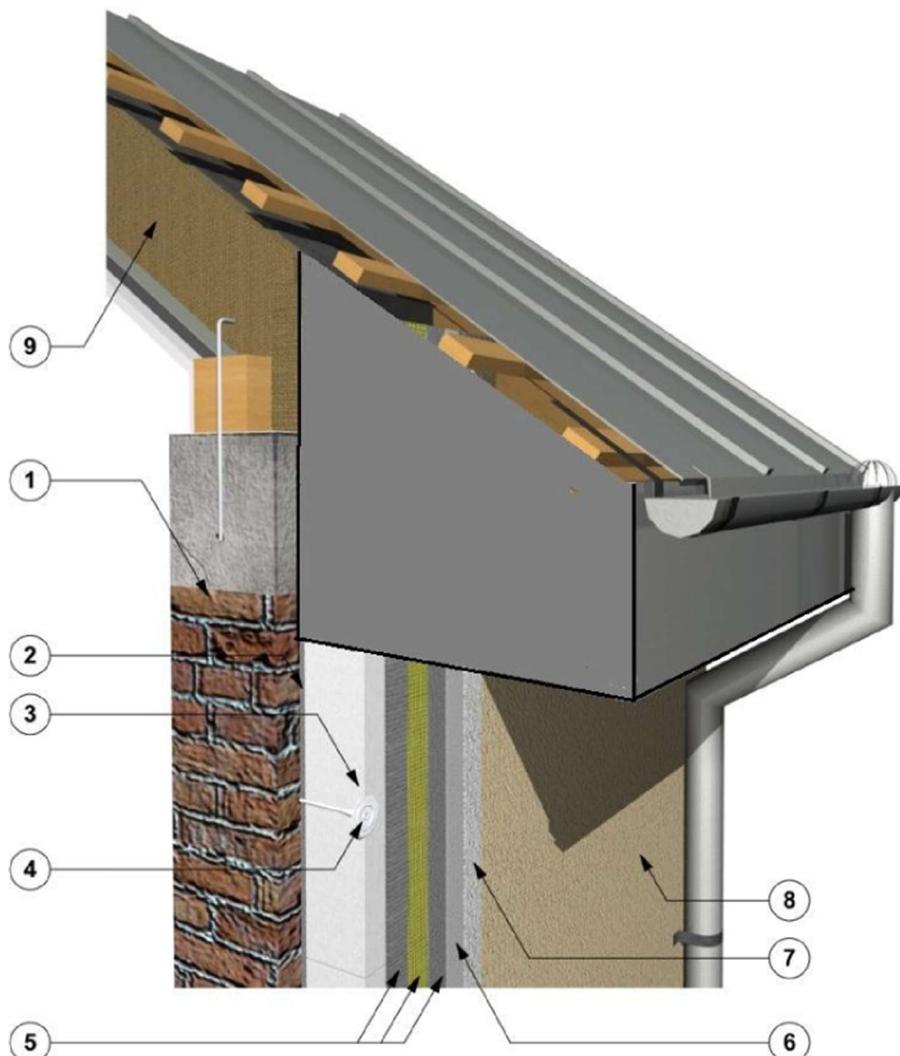
Figure 9.

Detail scheme: Joint of external wall insulation with a terrace



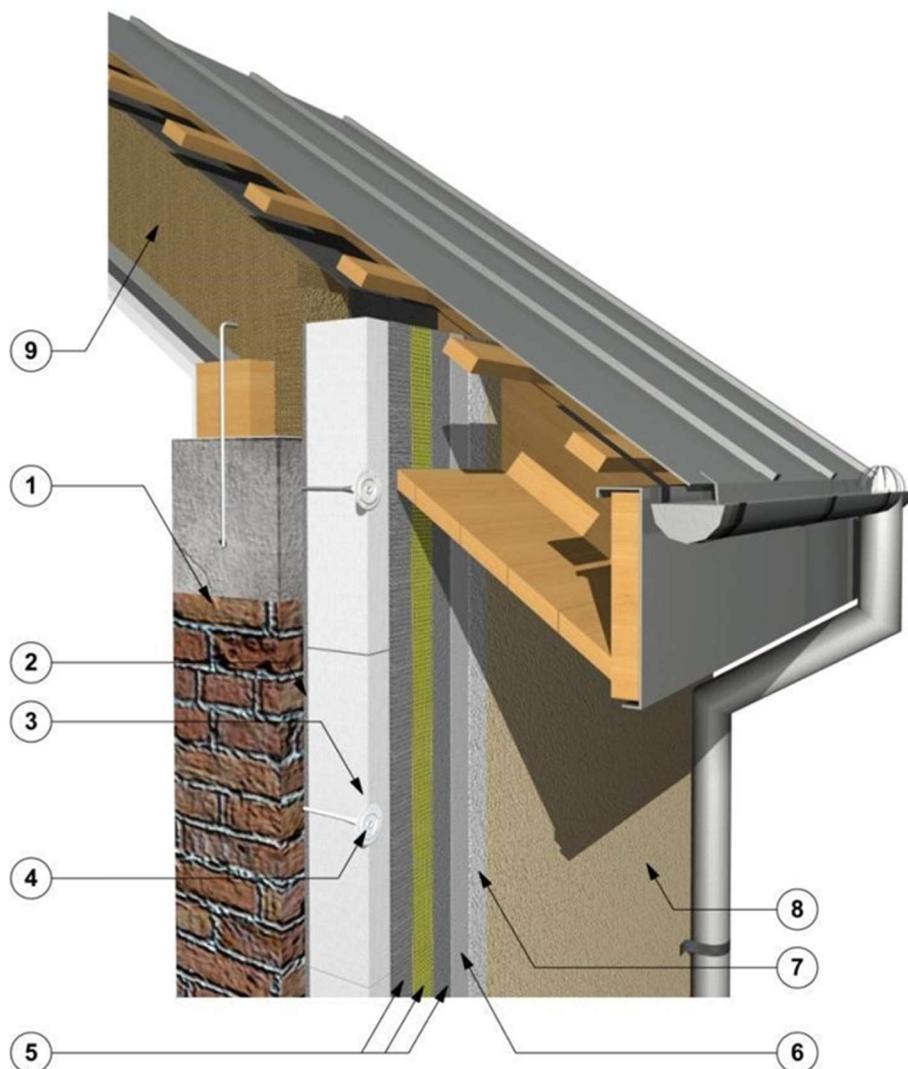
1. Substrate
2. Starter track
3. Insulation adhesive
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
4. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
5. Thermal insulation
 - XPS or HD EPS
6. Anchor
7. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Glass fibre reinforcing mesh
8. Render primer
 - ATLAS CERPLAST (with mineral)
 - ATLAS SILKON ANX (with silicone renders)
9. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
10. Top paint coat (optional)
 - Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
11. ATLAS sealing tape
12. ATLAS WODER E sealing layer
13. ATLAS PLUS adhesive mortar
14. ATLAS CERAMIC GROUT, ATLAS ELASTIC GROUT
15. Expanding tape
16. ATLAS SILTON S sanitary silicone

Figure 10a.
Detail scheme: Wall insulation finishing at eaves



1. Substrate
2. Insulation adhesive
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
3. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
4. Anchor
5. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K20
 - Insulation adhesive ATLAS HOTER U
 - Glass fibre reinforcing mesh
6. Render primer
 - ATLAS CERPLAST (with mineral render)
 - ATLAS SILKON ANX (with silicone renders)
7. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
8. Top paint coat (optional)
 - Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
9. Roof insulation

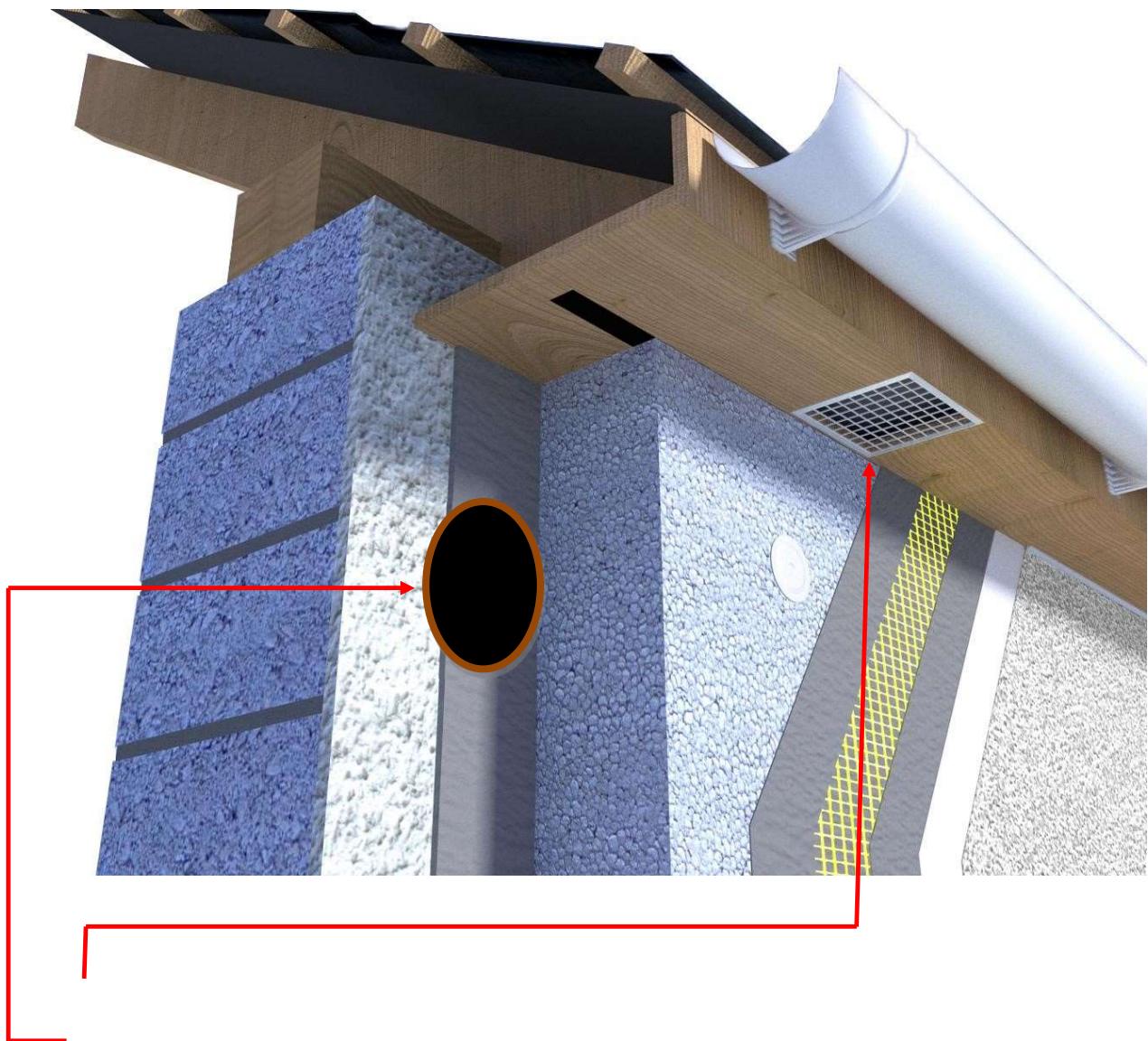
Figure 10b.
Detail scheme: Wall insulation finishing above eaves



1. Substrate
2. Insulation adhesive
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
3. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
4. Anchor
5. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K20
 - Insulation adhesive ATLAS HOTER U
 - Glass fibre reinforcing mesh
6. Render primer
 - ATLAS CERPLAST (with mineral render)
 - ATLAS SILKON ANX (with silicone renders)
7. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
8. Top paint coat (optional)
 - Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
9. Roof insulation

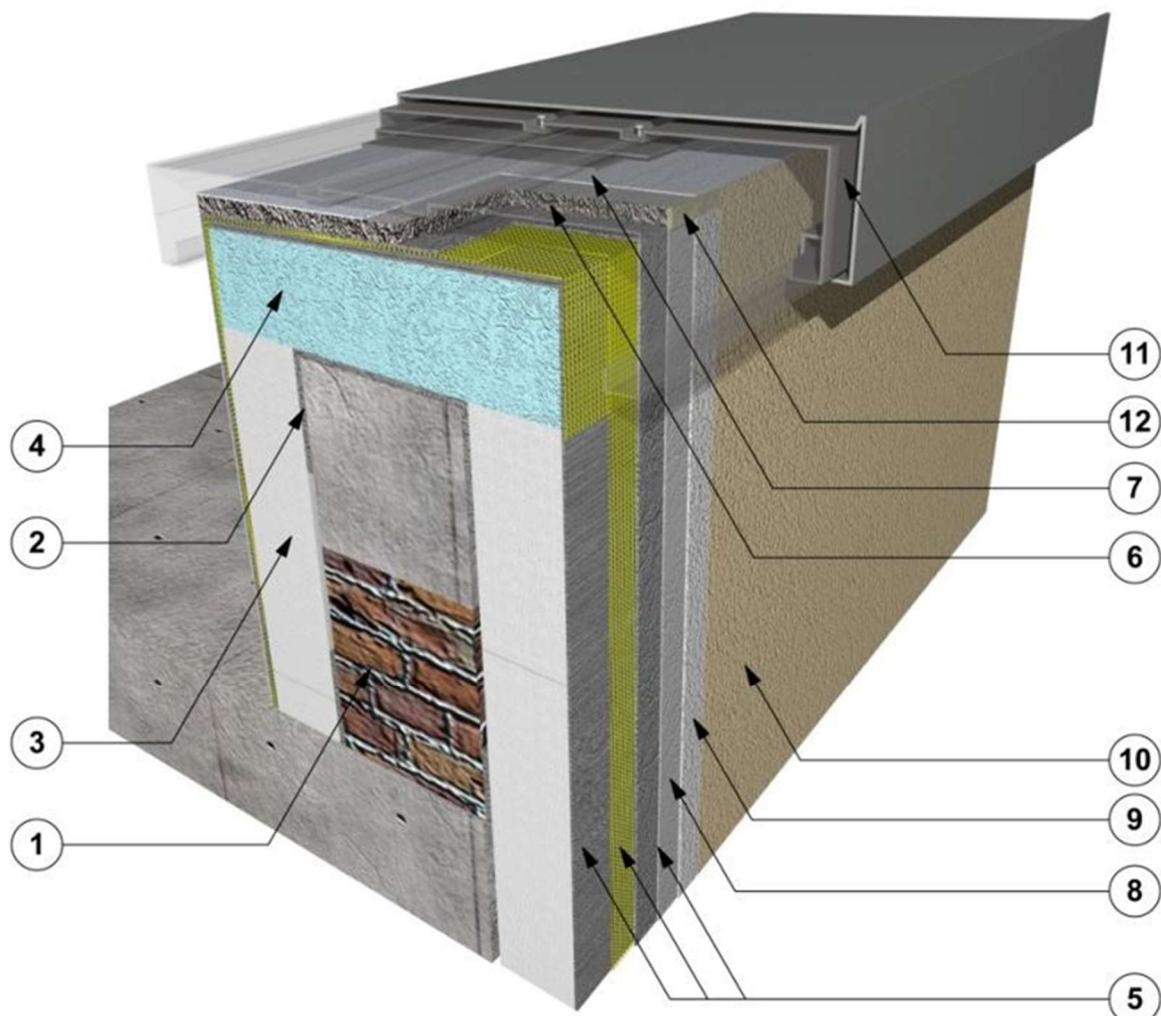
Figure 10c.

Detail scheme: Wall insulation finishing at eaves with ventilation in soffit and external wall



1. Ventilation in soffit. Any ventilation covered by insulation must be replaced. 10,000m² of ventilation per linear meter is required.
2. Wall ventilation. 6,500 mm (~4inch core or adequately sized window vents) must be added to the external wall of all habitable rooms. Additionally if there is a solid fuel appliance a permanent air entry or opening with a total free area of at least 550 mm² per kW of rated output above 5 kW shall be provided but in no case less than. Ventilation to be carried through insulation and have a vent cover.

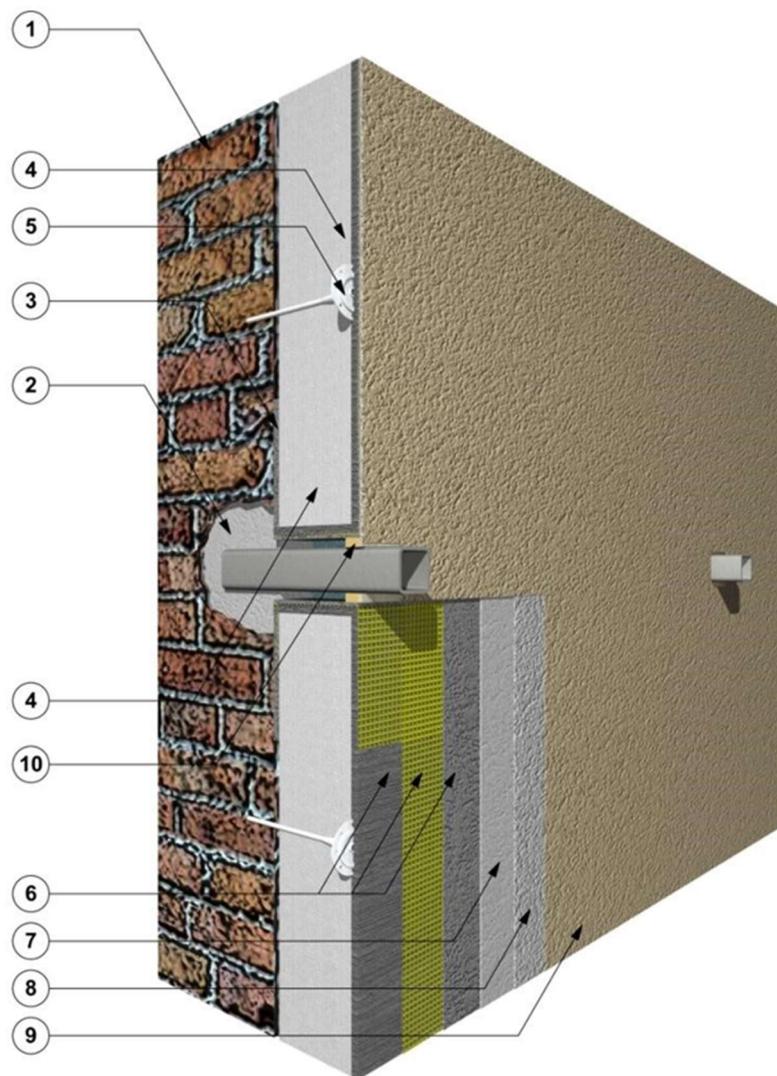
Figure 11.
Detail scheme: Plat roof attic insulation.



1. Substrate
2. Insulation adhesive
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
3. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
4. Thermal insulation
 - extruded polystyrene XPS
5. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Glass fibre reinforcing mesh
6. Cement fibre board
7. ATLAS WODER E sealing layer
8. Render primer
 - ATLAS CERPLAST (with mineral render)
 - ATLAS SILKON ANX (with silicone renders)
9. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
10. Top paint coat (optional)
 - Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
11. Flashing
12. ATLAS SILTON S sanitary silicone

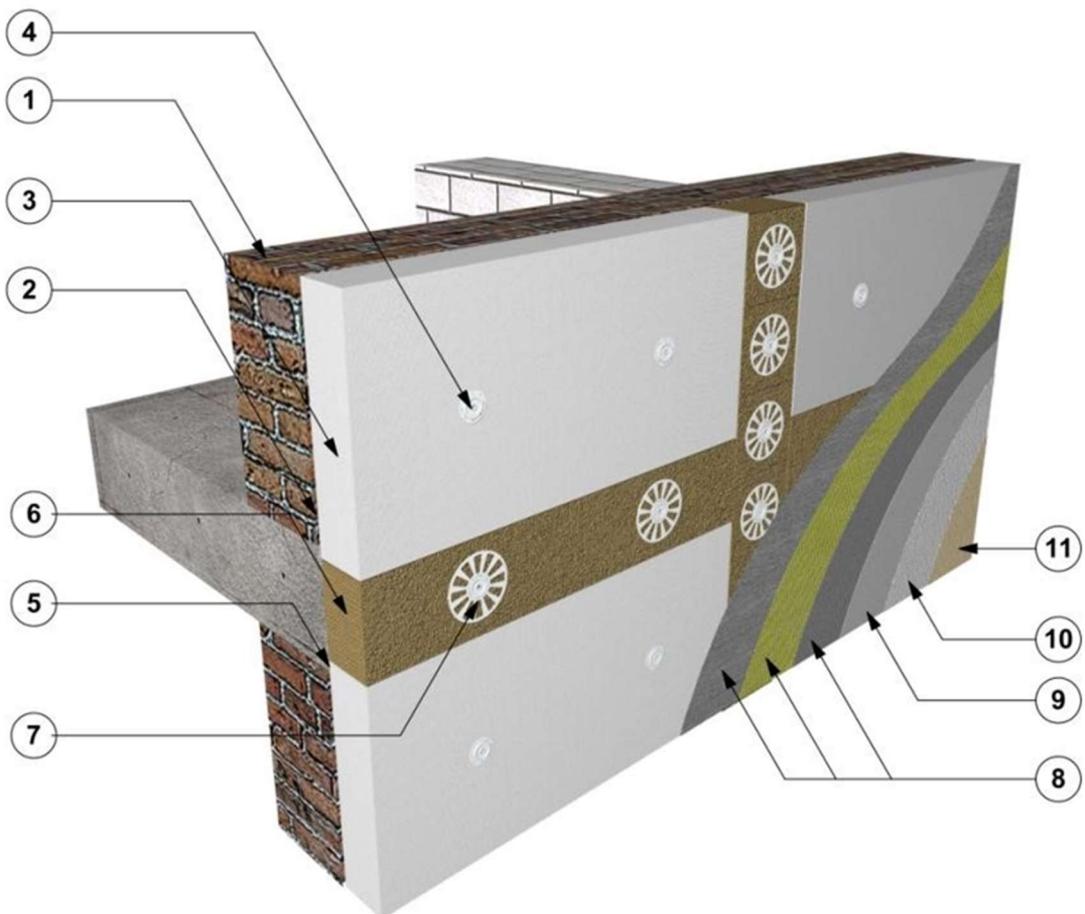
Figure 12.

Detail scheme: Anchoring of a structural element through the external insulation system (e.g. railing)



1. Substrate
2. ATLAS MONTER assembly mortar
3. Insulation adhesive
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
4. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
5. Anchor
6. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Glass fibre reinforcing mesh
7. Render primer
 - ATLAS CERPLAST (with mineral render)
 - ATLAS SILKON ANX (with silicone renders)
8. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
9. Top paint coat (optional)
 - Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
10. ATLAS SILTON S sanitary silicone

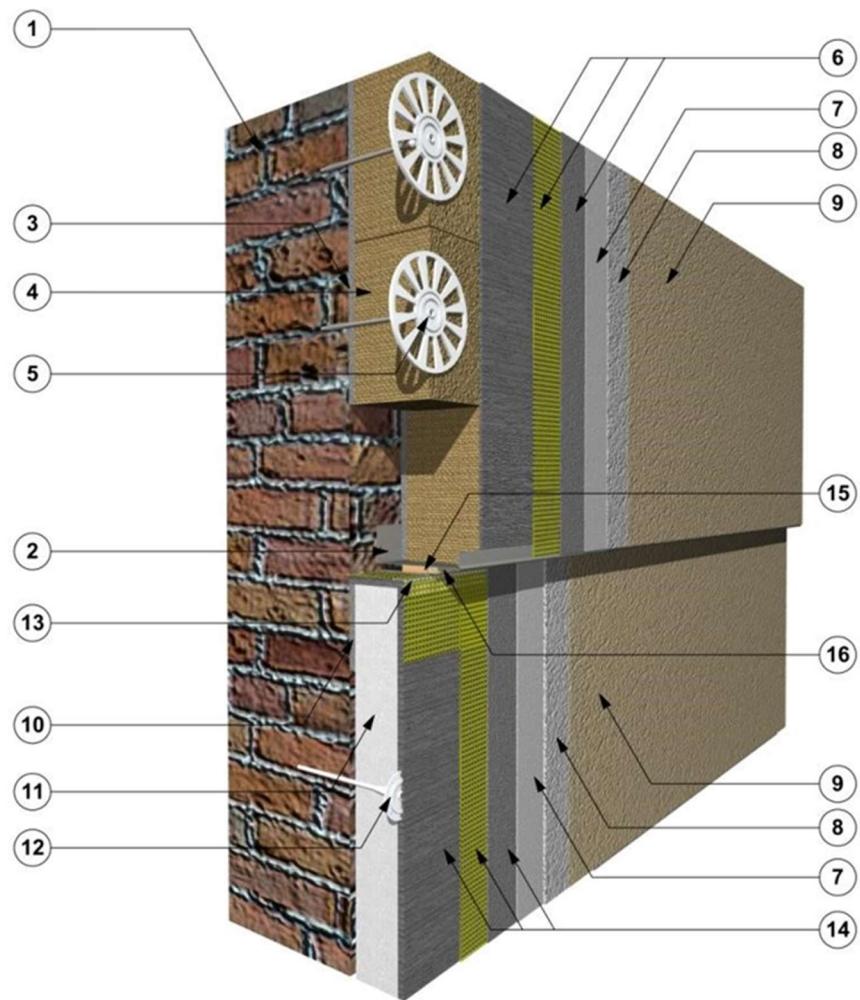
Figure 13.
Detail schema: Installation of vertical and horizontal fire barriers.



1. Substrate
2. Insulation adhesive (EPS)
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
 - ATLAS ROKER U
3. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
4. Anchors (with hammer in steel or nylon pin)
5. Thermal Insulation adhesive (mineral wool boards)
 - ATLAS ROKER U
6. Thermal insulation
 - lamella fire break
7. Anchor stainless steel fire fixing
8. Reinforced layer
 - Insulation adhesive ATLAS ROKER U
 - Glass fibre reinforcing mesh
9. Render primer
 - ATLAS CERPLAST (with mineral render)
 - ATLAS SILKON ANX (with silicone renders)
10. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
11. Top paint coat (optional)
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS

Figure 14.

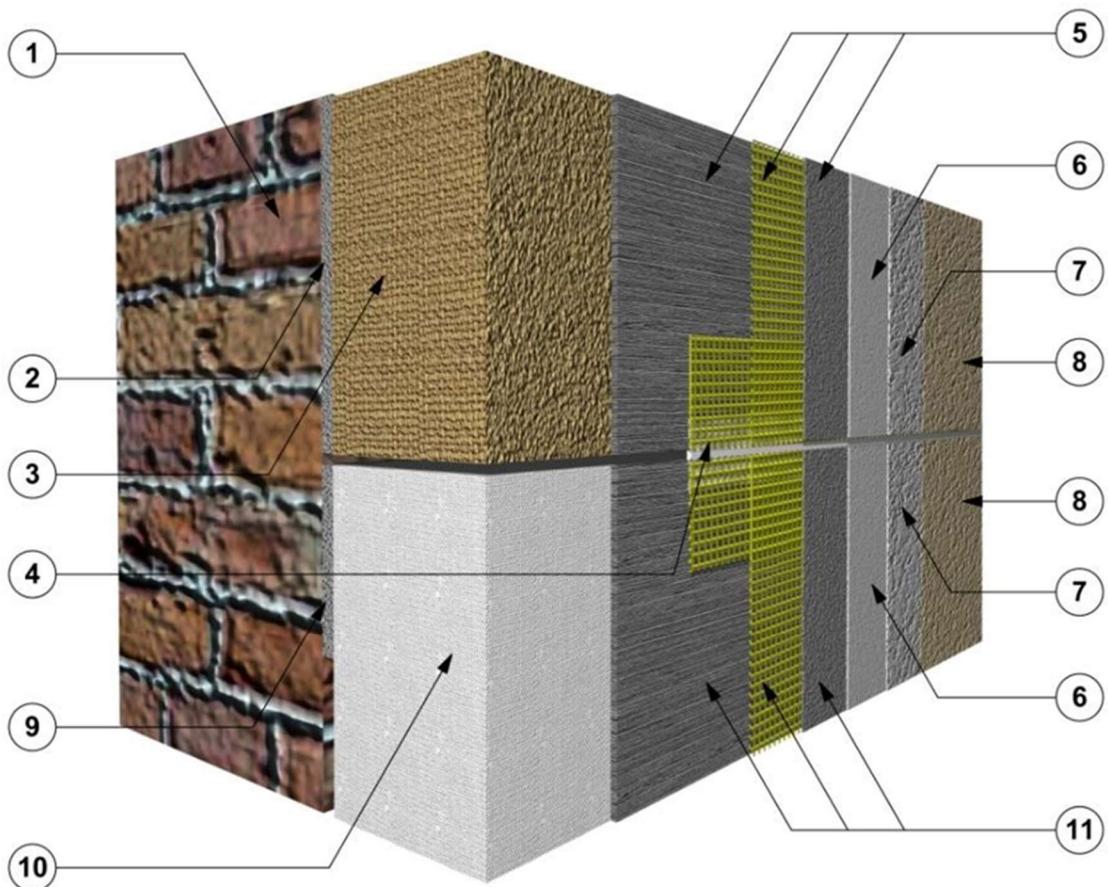
Detail Scheme: Joint of the EPS-based insulation system with mineral wool – based insulation system.



1. Substrate
2. Starter track
3. Insulation adhesive (mineral wool boards)
 - ATLAS ROKER U
4. Thermal insulation
 - mineral wool (MW)
5. Anchors (with hammer in steel pin)
6. Reinforced layer
 - Insulation adhesive ATLAS ROKER U
 - Glass fibre reinforcing mesh
7. Render primer
 - ATLAS CERPLAST (with mineral render)
 - ATLAS SILKON ANX (with silicone renders)
8. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
(don't use with mineral wool)
 - Silicone render ATLAS SILKON BA
9. Top paint coat (optional)
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
10. Insulation adhesive (EPS)
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
 - ATLAS ROKER U
11. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
12. Anchor (with hammer in steel or nylon pin)
13. Corner profile with mesh
14. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Insulation adhesive ATLAS ROKER U
 - Glass fibre reinforcing mesh
15. Expanding tape
16. ATLAS SILTON S sanitary silicone

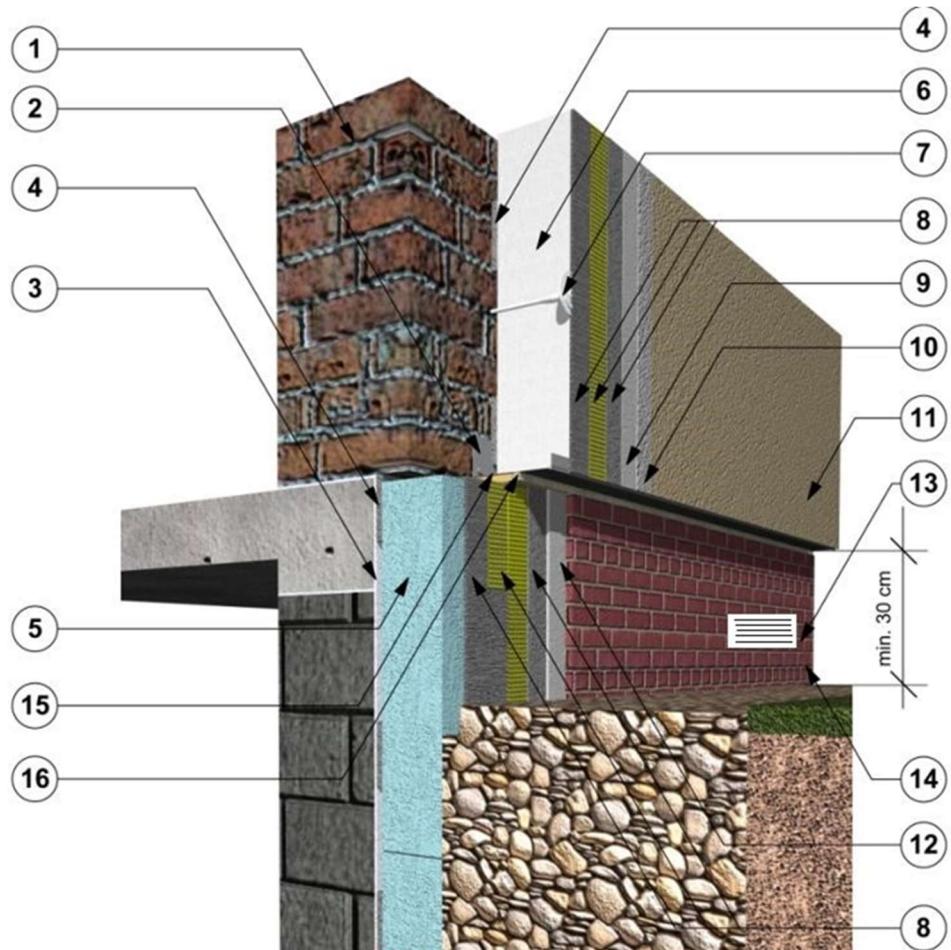
Figure 15.

Detail scheme: Joint of the EPS-based insulation system with the mineral wool-based insulation system (with the expansion joint profile)



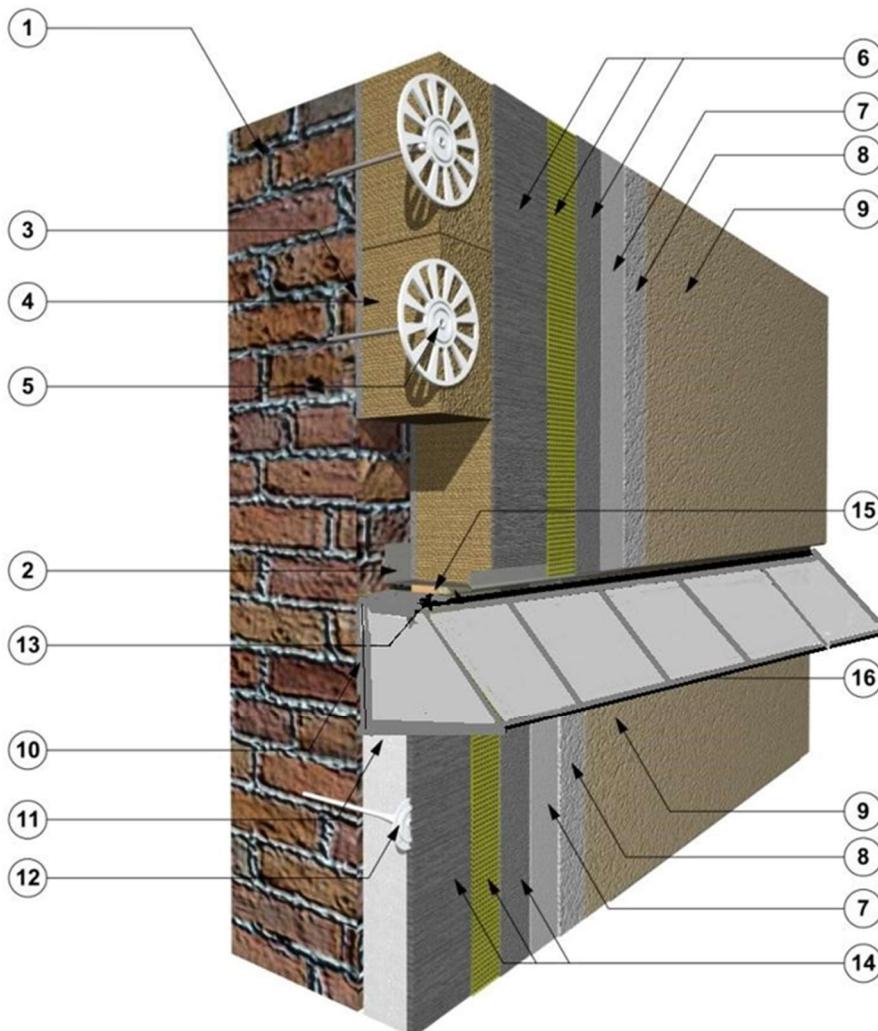
1. Substrate
2. Insulation adhesive (mineral wool boards)
 - ATLAS ROKER U
3. Thermal insulation
 - mineral wool MW
4. Expansion joint profile
5. Reinforced layer
 - Insulation adhesive ATLAS ROKER U
 - Glass fibre reinforcing mesh
6. Render primer
 - ATLAS CERPLAST (with mineral render)
 - ATLAS SILKON ANX (with silicone renders)
7. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
(don't use with mineral wool)
 - Silicone render ATLAS SILKON BA
8. Top paint coat (optional)
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
9. Insulation adhesive (EPS)
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
 - ATLAS ROKER U
10. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
11. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Insulation adhesive ATLAS ROKER U
 - Glass fibre reinforcing mesh

Figure 16.
Detail scheme: subfloor vent



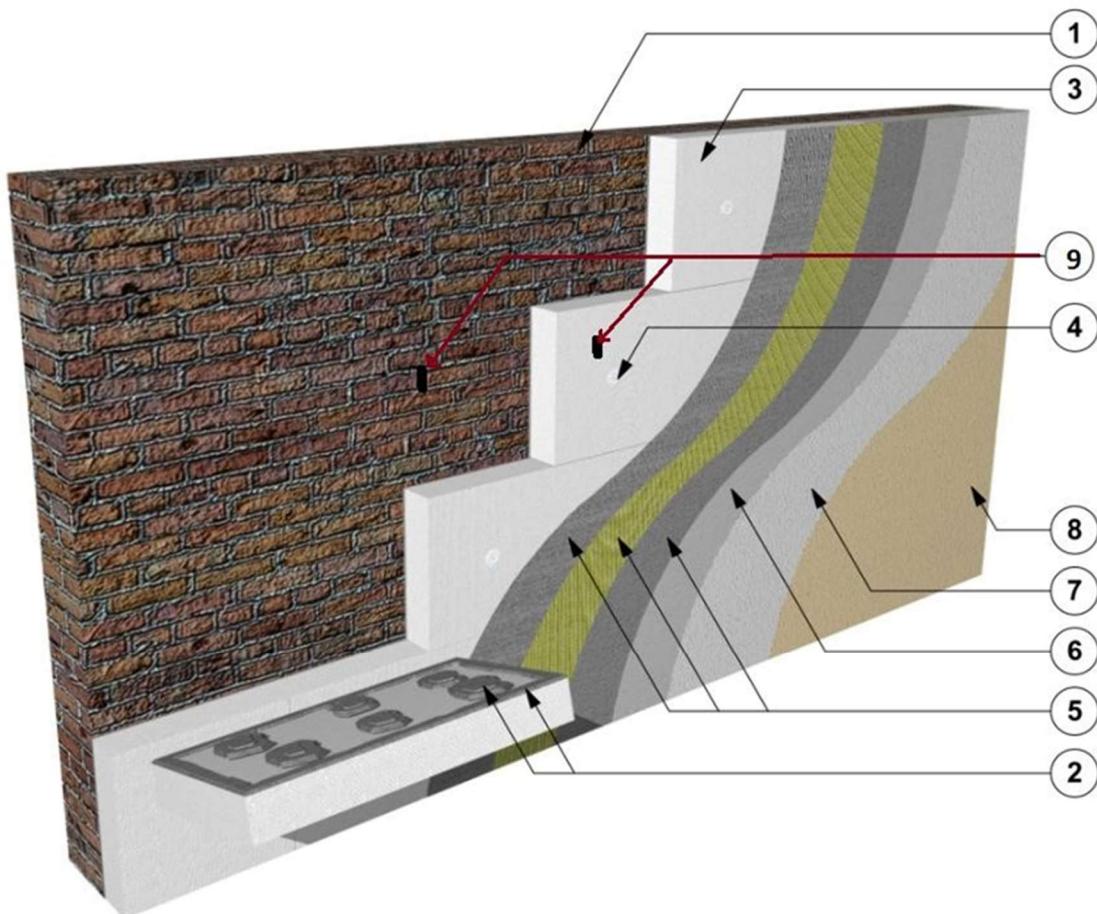
1. Substrate
2. Starter track
3. ATLAS WODER E sealing layer
4. Insulation adhesive
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
5. Thermal insulation
 - extruded polystyrene XPS
6. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
7. Anchor
8. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Glass fibre reinforcing mesh
9. Render primer
 - ATLAS CERPLAST (with mineral render)
 - ATLAS SILKON ANX (with silicone renders)
10. Render coat
 - Mineral render ATLAS CERMET
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
11. Top paint coat (optional)
 - Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
12. ATLAS PLUS adhesive
13. Subfloor vent covering; breakout old vent.
14. ATLAS CERAMIC GROUT, ATLAS ELASTIC GROUT
15. Expanding tape
16. ATLAS SILTON S sanitary silicone

Figure 17.
Detail scheme: Pitched (or flat) roof with base track used to separate



1. Substrate
2. Starter track
3. Insulation adhesive (mineral wool boards)
 - ATLAS ROKER U
4. Thermal insulation
 - mineral wool (MW)
5. Anchors (with hammer in steel pin)
6. Reinforced layer
 - Insulation adhesive ATLAS ROKER U
 - Glass fibre reinforcing mesh
7. Render primer
 - ATLAS CERPLAST (with mineral render)
 - ATLAS SILKON ANX (with silicone renders)
8. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
- (don't use with mineral wool)
 - Silicone render ATLAS SILKON BA
9. Top paint coat (optional)
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
10. Pitched roof
11. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
12. Anchor (with hammer in steel or nylon pin)
13. Lead flashing
14. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Glass fibre reinforcing mesh
15. Expanding tape
16. ATLAS SILTON S sanitary silicone or polymer sealant

Figure 18.
Detail scheme: Weep holes in brickwork



1. Substrate
2. Insulation adhesive
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
3. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
4. Anchor
5. Reinforced layer
 - Insulation adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Glass fibre reinforcing mesh
6. Render primer
 - ATLAS CERPLAST (with mineral render)
 - ATLAS SILKON ANX (with silicone renders)
7. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
8. Top paint coat (optional)
 - Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
9. Weep holes in brick work must protrude through insulation layers

Figure 19.
Detail scheme: Chimney breast insulation.

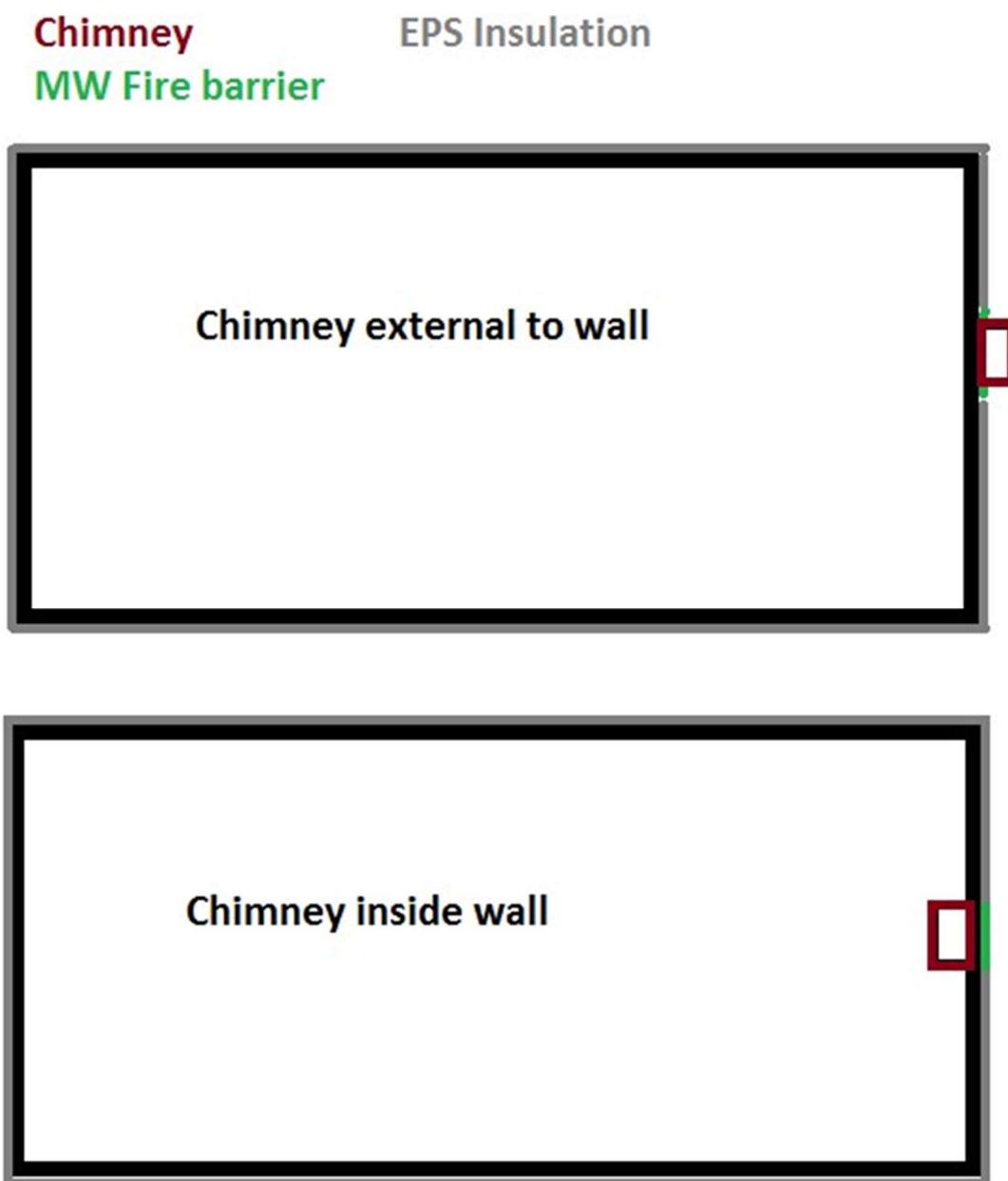


Figure 19a.
Detail scheme: hot extract flue

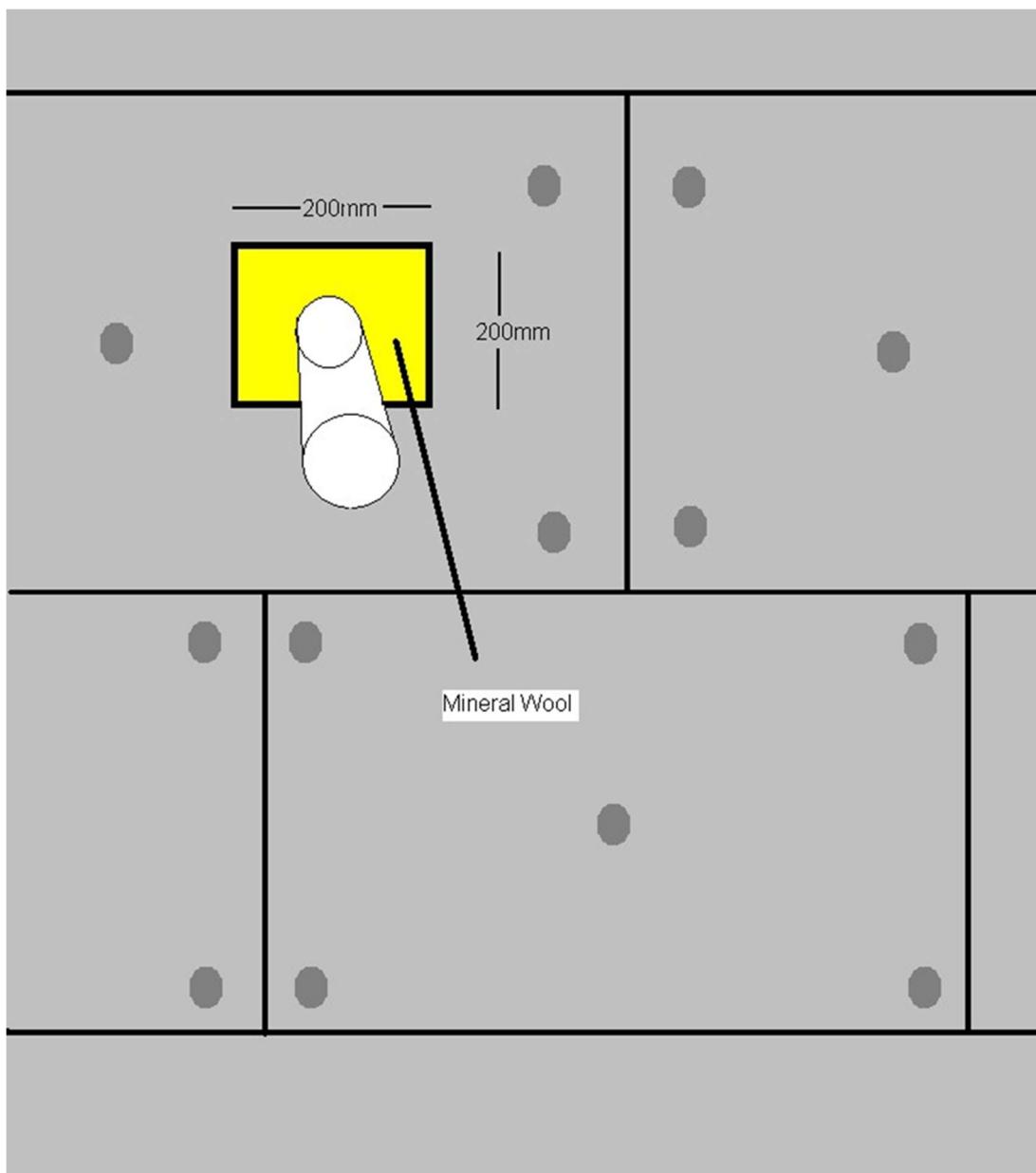
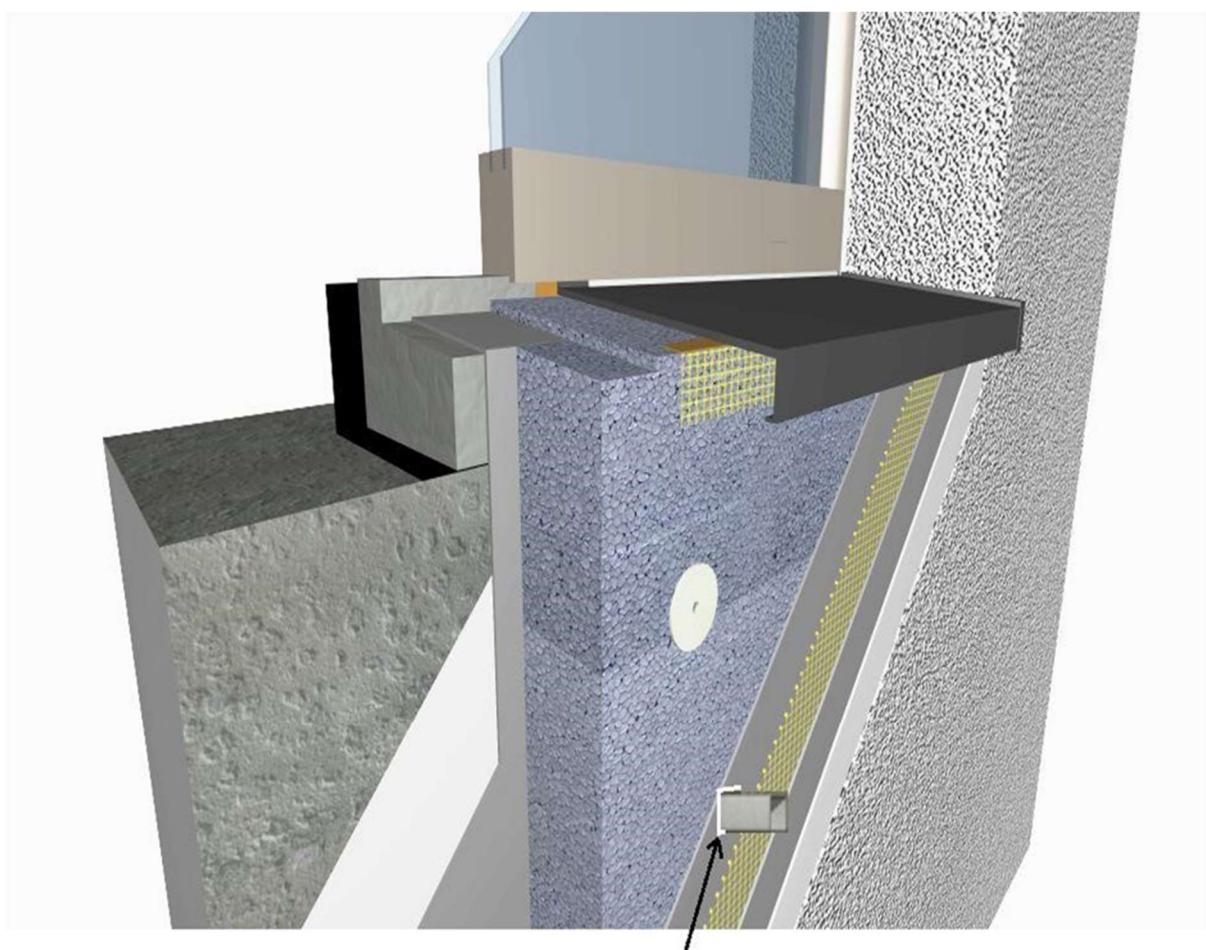


Figure 20.
Detail scheme: Flexible joints



Use polymer sealant around flexible joint such as pipes, on top of basecoat

Figure 21.

Vertical fire break layout for semi-detached or mid-terraced house up to 2.5 storey house
(horizontal fire break required between floors if greater than 2.5 storeys beginning between 2nd and 3rd storeys)

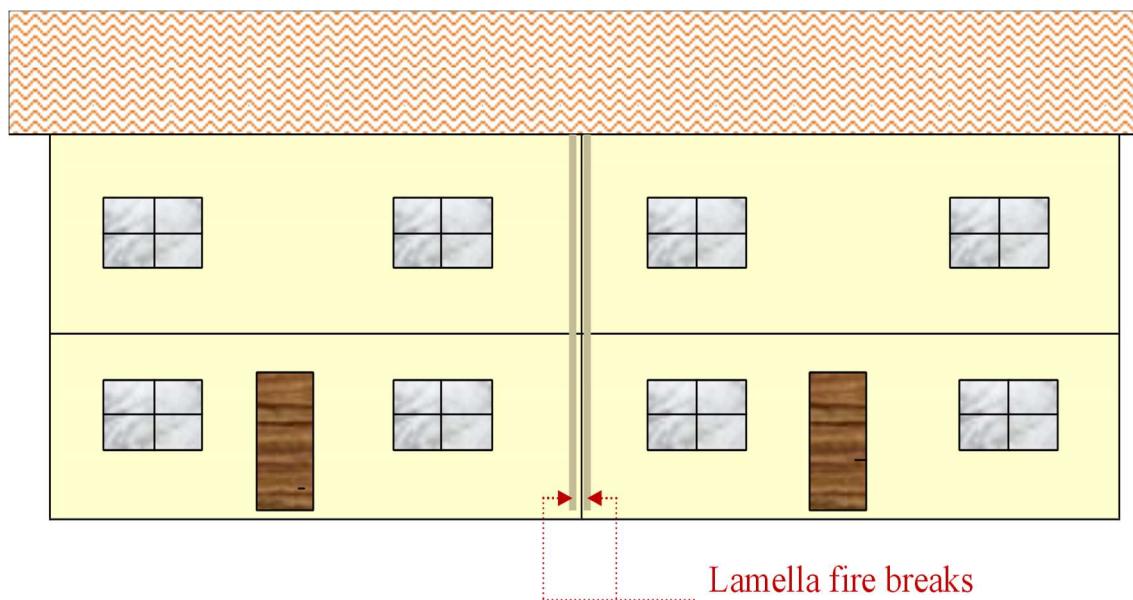
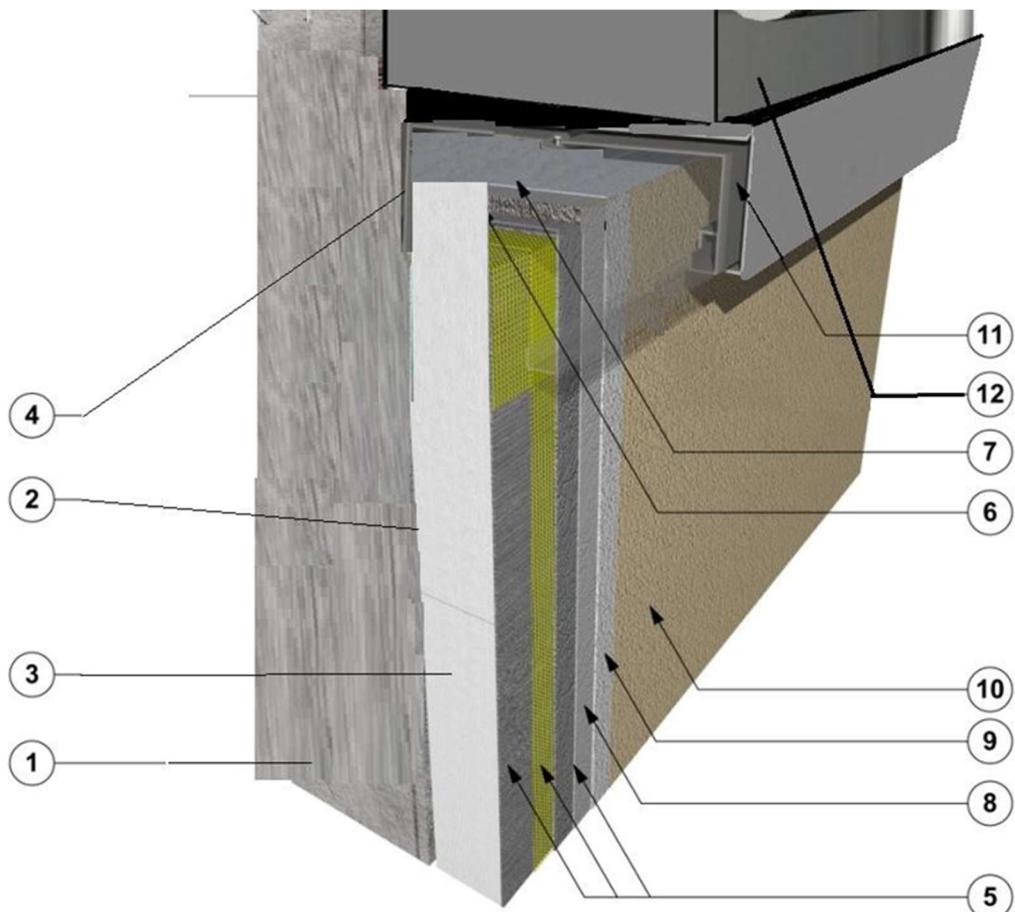


Figure 22.

Detail scheme: Flashing used where eave space not sufficient for insulation.



1. Substrate
2. Insulation adhesive
 - ATLAS STOPTER K-20
 - ATLAS HOTER S
 - ATLAS HOTER U
3. Thermal insulation
 - standard expanded polystyrene EPS
 - elastified expanded polystyrene EPS
4. Flashing bolted to wall
5. Reinforced layer
 - adhesive ATLAS STOPTER K-20
 - Insulation adhesive ATLAS HOTER U
 - Glass fibre reinforcing mesh
6. Thermal Insulation
7. Foam/polymer sealant
8. Render primer
 - ATLAS CERPLAST (with mineral render)
 - ATLAS SILKON ANX (with silicone renders)
9. Render coat
 - Mineral render ATLAS CERMIT
 - ATLAS SILICONE RENDER
 - ATLAS SILICONE HYBRID RENDER
 - ATLAS SILICONE-SILICATE RENDER
 - ATLAS ACRYLIC RENDER
 - Silicone render ATLAS SILKON BA
10. Top paint coat (optional)
 - Acrylic paint ATLAS SALTA E
 - Silicate paint ATLAS SALTA S
 - Silicone paint ATLAS SALTA, ATLAS SALTA N, ATLAS SALTA N PLUS
11. Flashing
12. Roof overhang

Figure 23.
Standard detail of satellite mounting.

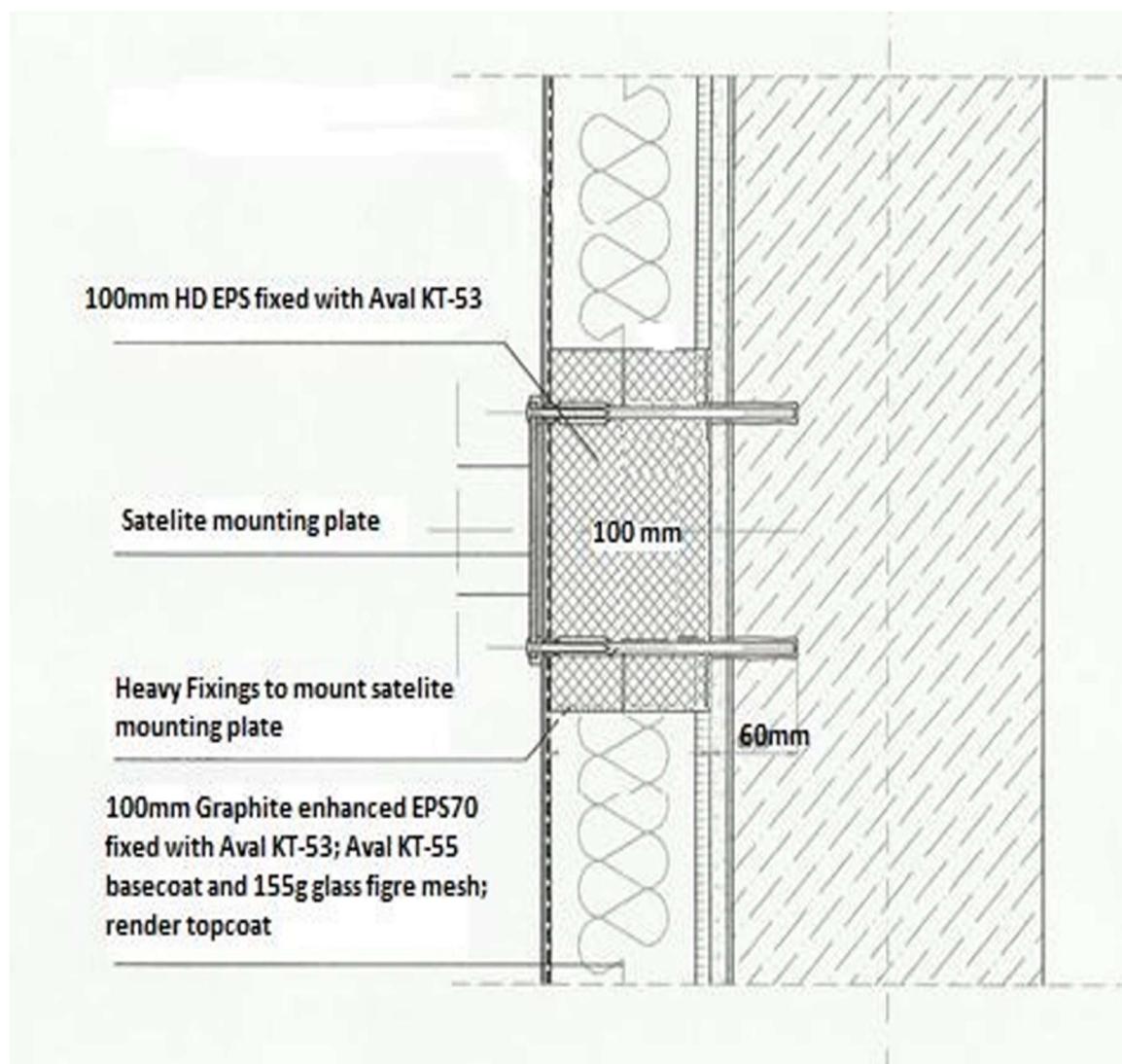


Figure 24.

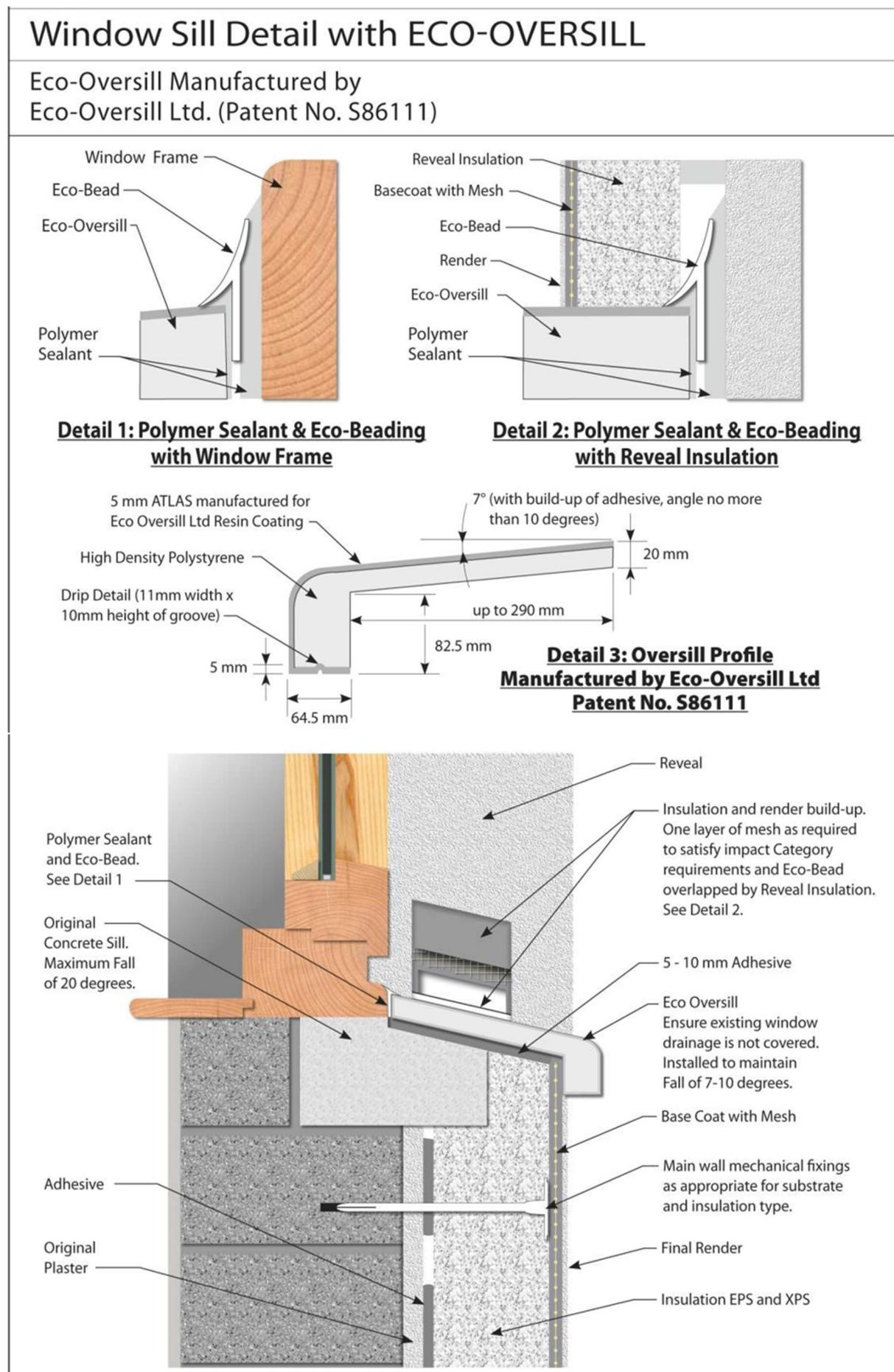


Figure 25.
Garden Wall

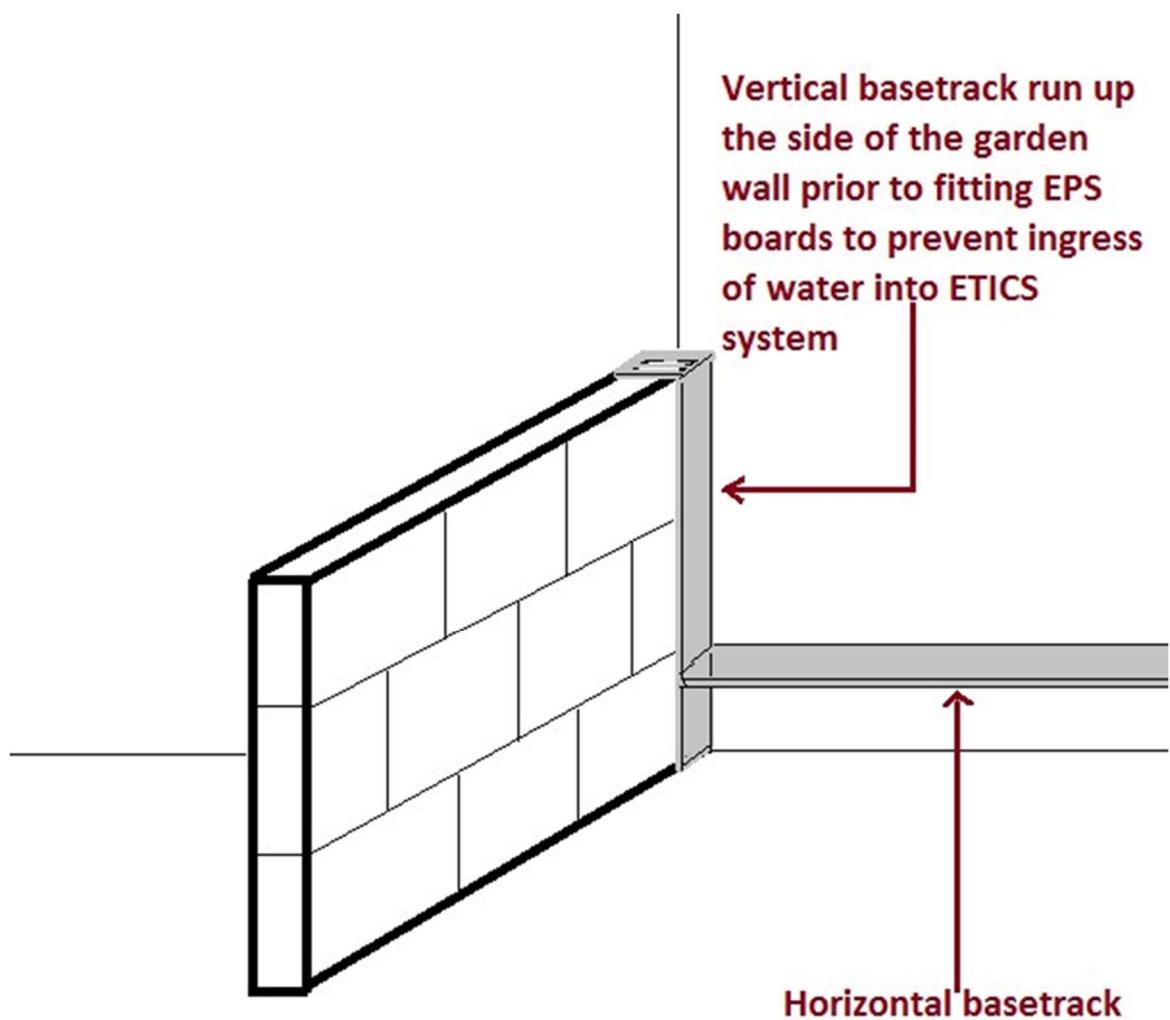
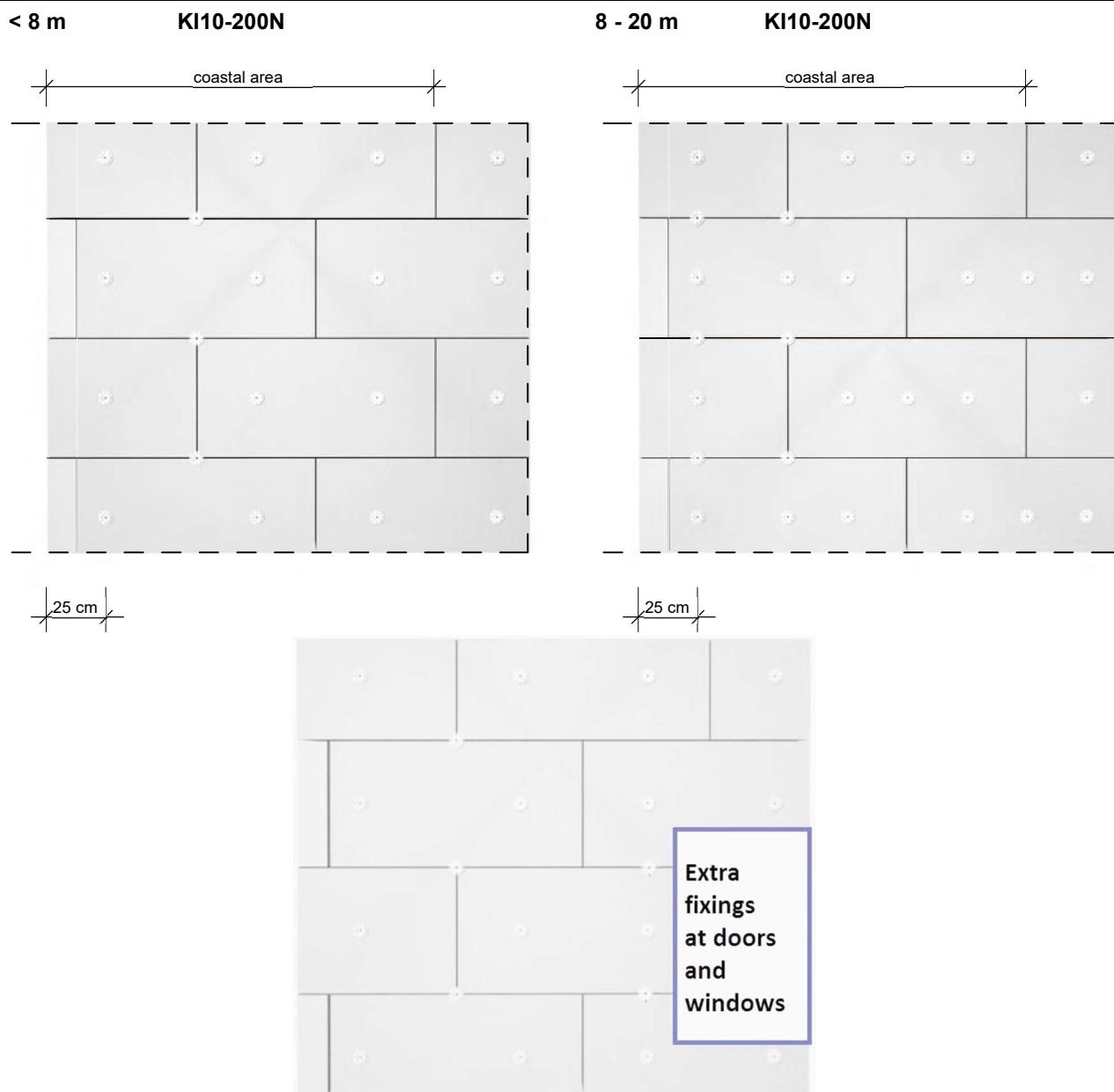


Figure 26a.

External Thermal Insulation Composite Systems ATLAS

An exemplary arrangement diagram of the mechanical fasteners – Low buildings

Calculation type: single wall
 Base: cellular brick
 Insulation type: expanded polystyrene
 Insulation thickness: 0,12 m
 Plaster thickness: 0,00 m
 Wall length: 10,00 m
 Wall height: 12,00 m
 Percentage of wall open (for example windows): 10 %
 Connector type: ø 10



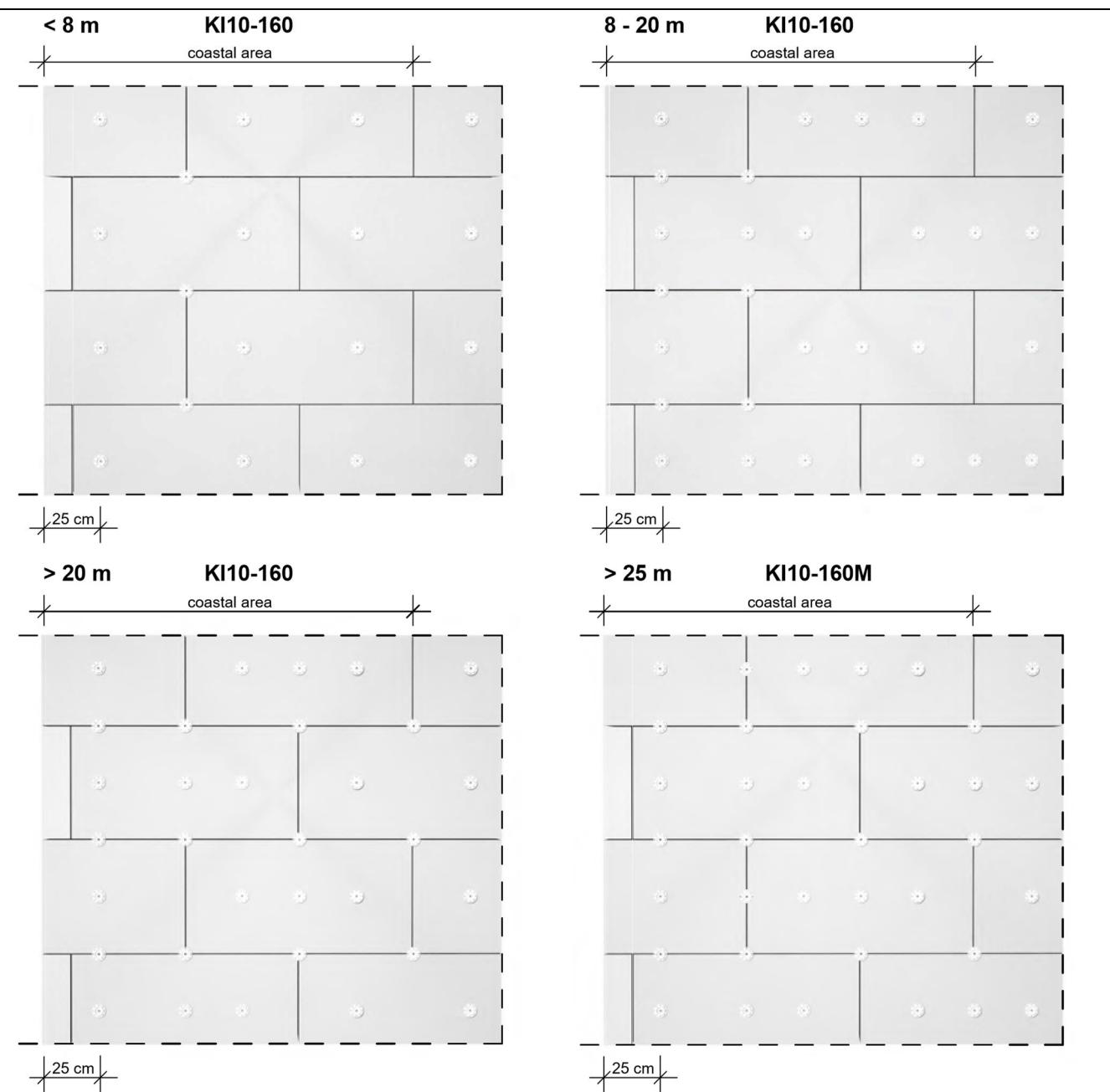
The disposition of the connectors represents only a demonstrative capacity. The designer of the insulation system is the person who shall every time indicate an amount and disposition of the connectors - if necessary, in consultation with the representative of manufacturer.

Figure 26b.

External Thermal Insulation Composite Systems ATLAS

An exemplary arrangement diagram of the mechanical fasteners – High buildings

Calculation type: single wall
 Base: concrete
 Insulation type: expanded polystyrene
 Insulation thickness: 0,12 m
 Plaster thickness: 0,00 m
 Wall length: 50,00 m
 Wall height: 30,00 m
 Percentage of wall open (for example windows): 25 %
 Connector type: ø 10



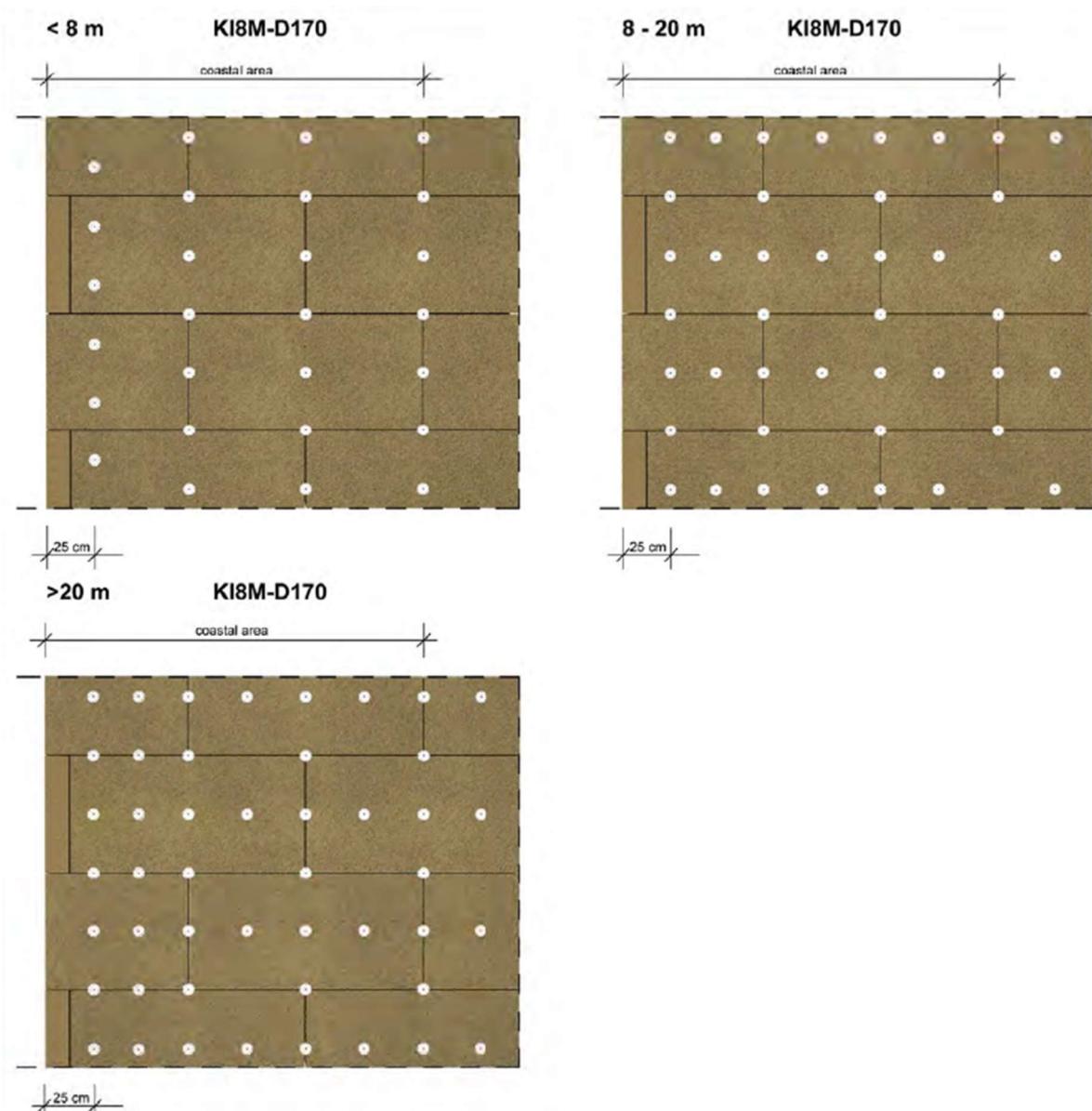
The disposition of the connectors represents only a demonstrative capacity. The designer of the insulation system is the person who shall every time indicate an amount and disposition of the connectors - if necessary, in consultation with the representative of manufacturer.

Figure 26c.

External Thermal Insulation Composite Systems ATLAS

An exemplary arrangement diagram of the mechanical fasteners – Mineral Wool

Calculation type: single wall
 Base: concrete
 Insulation type: mineral wool
 Insulation thickness: 0,12 m
 Plaster thickness: 0,00 m
 Wall length: 50,00 m
 Wall height: 30,00 m
 Percentage of wall open (for example windows): 25 %
 Connector type: ø 10



The disposition of the connectors represents only a demonstrative capacity. The designer of the insulation system is the person who shall every time indicate an amount and disposition of the connectors - if necessary, in consultation with the representative of manufacturer.