

TITLE Masonry cladding - UK DETAIL Base

1 Wall structure (traditional masonry), of sufficient strength for anchoring battens or wall brackets.

Vertical timber battens of at least 50 x 25 mm (with brackets) or 38 x 19 mm when fully sup-ported by a substrate, durability class 1 or 2.

3 Wall brackets (L or U, dimensions according to project requirements), fixed with suitable an-chors; for levelling the masonry substrate. If L profile: alternate assembly.

4 Vermin mesh of corrosion resistant metal, hole width ≤ 4 mm. Void area in line with ventilation requirements.

5 Accoya®; board thickness 15 - 19 mm.

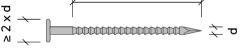
6 Ring shank or other improved nails:

 grade 1.4301 (general applications) or grade 1.4401 (coastal or industrial sites)

Holes pre-drilled:

- 1 mm less than nail Ø
- to 80% of screw shank Ø

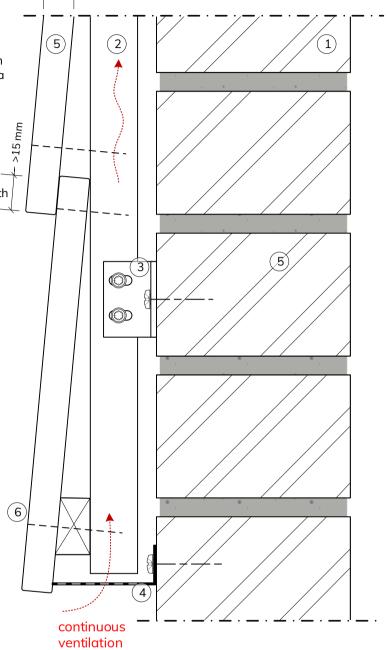
Point side penetration ≥ 6xd (ring shank) / 12xd (smooth)



Joints

Accoya® cladding boards need to be installed with a mutual distance of at least 1 mm. When meeting other construction elements and/or between the length of two boards, a free space of 5 - 10 mm should be allowed for.

It may be required to fit openings larger than 10 mm with a suitable vermin mesh.



It is recommended to position the cladding above the splash zone, between ground level and a height of 200 to 250 mm. This will avoid rain water splashing onto the boards, which can cause staining and reduce the service life of coatings. Applying a gravel section below the cladding is recommended.

The design of the system should be in accordance with all applicable building standards and codes. The strength of the total system - distance, number and type of fasteners that are required for the occurring wind loads - should always be checked by a licensed engineer.

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no Scale

Section

Date 01.04.2021

1:2

vertical

Version 1.0 / HWI



TITLE Masonry cladding - UK DETAIL Horizontal joint

- 1 Wall structure (traditional masonry), of sufficient strength for anchoring battens or wall brackets.
- 2 Vertical timber battens of at least 50×25 mm (with brackets) or 38×19 mm when fully sup-ported by a substrate, durability class 1 or 2.
- 3 Wall brackets (L or U, dimensions according to project requirements), fixed with suitable an-chors; for levelling the masonry substrate. If L profile: alternate assembly.
- 4 Accoya®; board thickness 15 19 mm.
- 5 Ring shank or other improved nails:
 - grade 1.4301 (general applications) or grade 1.4401 (coastal or industrial sites)
 - Holes pre-drilled:
 - 1 mm less than nail Ø
 - to 80% of screw shank Ø

Point side penetration ≥ 6xd
(ring shank) / 12xd (smooth)

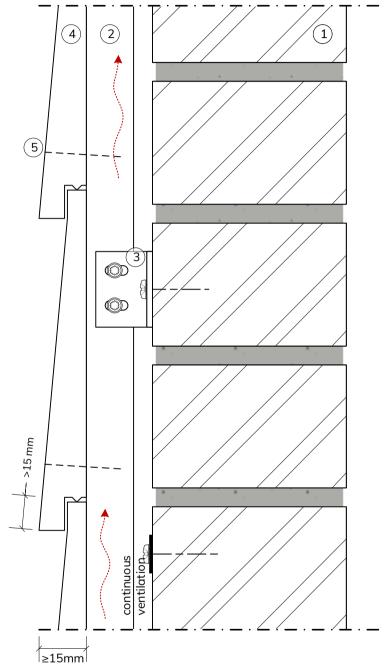
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Joints

Accoya® cladding boards need to be installed with a mutual distance of at least 1 mm. When meeting other construction elements and/or between the length of two boards, a free space of 5 - 10 mm should be allowed for.

It may be required to fit openings larger than 10 mm with a suitable vermin mesh.



The design of the system should be in accordance with all applicable building standards and codes. The strength of the total system - distance, number and type of fasteners that are required for the occurring wind loads - should always be checked by a licensed engineer.

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Scale 1.2

Section

Scale 1:2

Date 01.04.2021

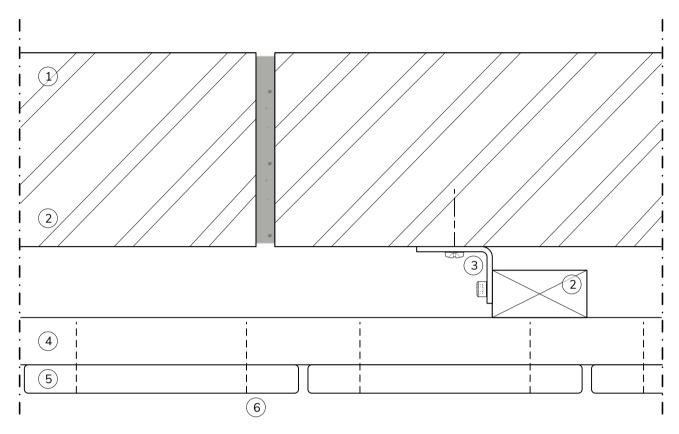
vertical

Version 1.0 / HWI

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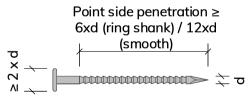


TITLE Masonry cladding - UK DETAIL Vertical joint



- 1 Wall structure (traditional masonry), of sufficient strength for anchoring wall brackets.
- 2 Vertical timber counter battens, durability class 1 or 2.
- 3 Wall brackets (L or U, dimensions according to project requirements), fixed with suitable an-chors; for levelling the masonry substrate. If L profile: alternate assembly.
- 4 Horizontal timber battens of at least 50 x 25 mm (with brackets) or 38 x 19 mm when fully supported by a substrate, durability class 1 or 2 and chamfered at the top side, shedding water into the cavity.

- 5 Accoya®; board thickness 15 19 mm.
- 6 Ring shank or other improved nails:
 - grade 1.4301 (general applications) or grade 1.4401 (coastal or industrial sites)
 - Holes pre-drilled:
 - 1 mm less than nail Ø
 - to 80% of screw shank Ø



Joints

Accoya $^{\circ}$ cladding boards need to be installed with a mutual distance of at least 1 mm. When meeting other construction elements and/or between the length of two boards, a free space of 5 – 10 mm should be allowed for. It may be required to fit openings larger than 10 mm with a suitable vermin mesh.

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Section horizontal

Scale 1:2

Date 01.04.2021

Version 1.0 / HWI

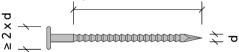
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TITLE Masonry cladding - UK DETAIL Junction with framed wall

- 1 Room lining (such as plaster board)
- Service void (optional, may also be filled with insulation material)
- 3 Air barrier / vapour control layer
- Wall structure (wooden structural frame filled with a suitable insulation material)
- Wooden structural frame
- Structural sheathing board
- Water repellent breather membrane (UV resistant in case of open joints)
- Masonry base
- Vertical timber counter battens of durability class 1 or 2
- 10 Horizontal timber battens of at least 38×38 mm, of durability class 1 or 2. With open joints, protect timber battens with a suitable weather resistant joint tape
- 11 Insect screen
- 12 Preformed metal flashing
- 13 Accoya®; board thickness 16 19 mm
- 14 Ring shank or other improved nails:
 - grade 1.4301 (general applications) or grade 1.4401 (coastal / industrial sites)
 - Holes pre-drilled:
 - 1 mm less than nail Ø
 - to 80% of screw shank Ø

Point side penetration $\geq 6xd$ (ring shank) / 12xd (smooth)



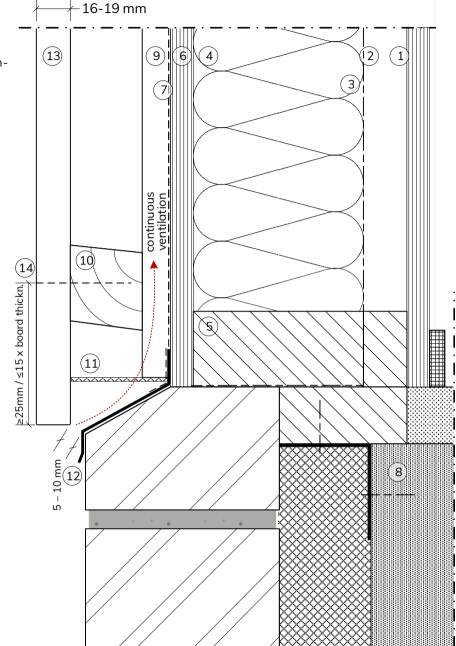


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It may be required to fit openings larger than 10 mm with a suitable vermin mesh.

It is recommended to position the cladding above the splash zone, between ground level and a height of 200 to 250 mm. This will avoid rain water splashing onto the boards, which can cause staining and reduce the service life of coatings. Applying a gravel section below the cladding is recommended.

The design of the system should be in accordance with all applicable building standards and codes. The strength of the total system - distance, number and type of fasteners that are required for the occurring wind loads - should always be checked by a licensed engineer.



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Scale

vertical

1:2

Date

Section

01.04.2021

1.0 / HWI Version

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