

APPLICATION GUIDE WS25

01

INTRODUCTION

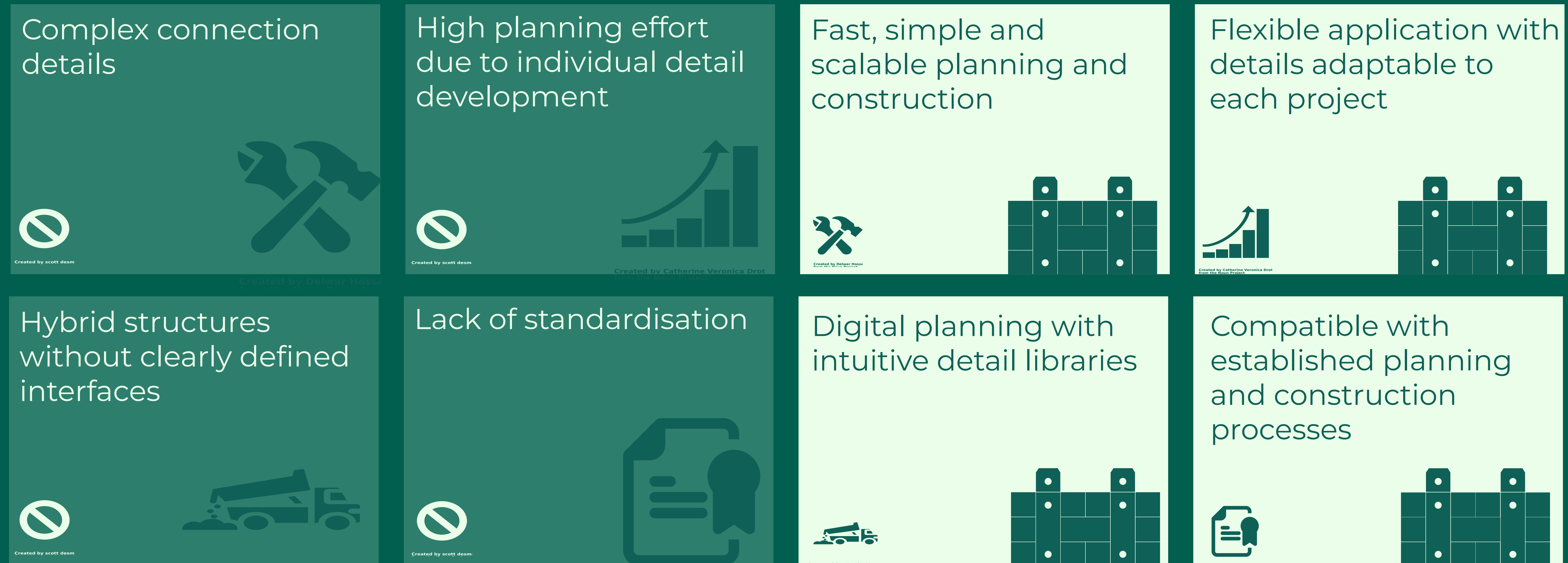
TRIQBRIQ - Building with a system

FROM THE MODULAR TIMBER BLOCK TO THE SCALABLE SYSTEM

**The future of solid timber
construction is
decentralised and circular.**



CHALLENGES IN TIMBER CONSTRUCTION



Challenges in planning and execution

Systematic planning with TRIQBRIQ

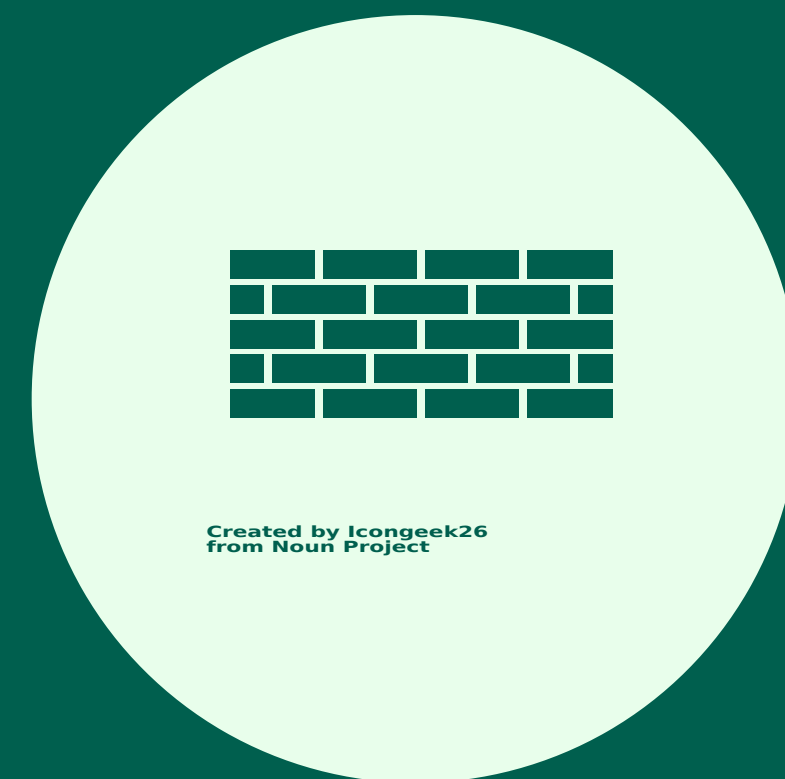
TRIQBRIQ

SOLID TIMBER BUILDING SYSTEM



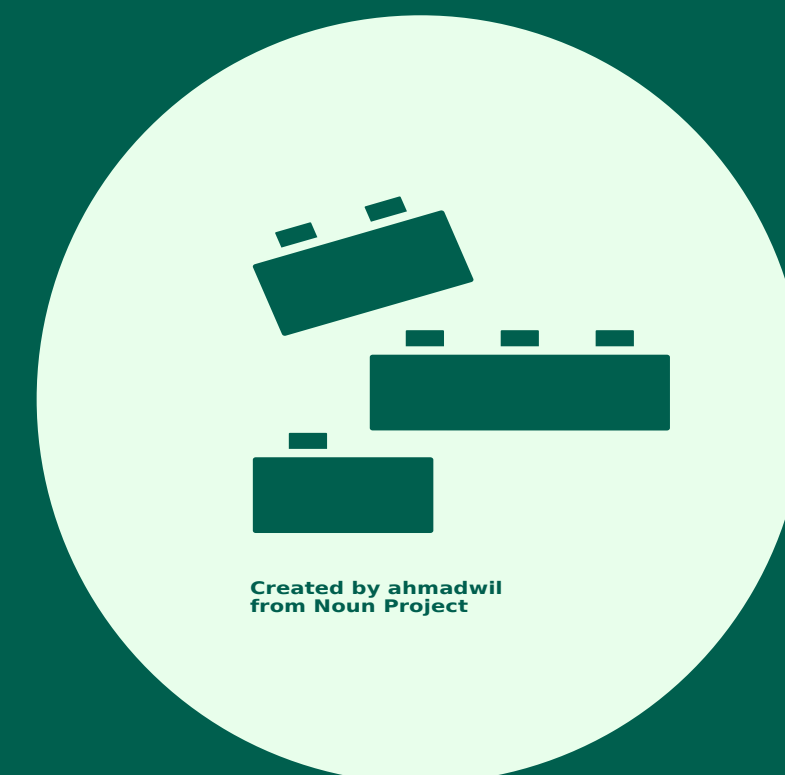
Circular & Sustainable

TRIQBRIQ enables a closed loop in construction, as all walls and structures built with the system can be dismantled by material type and reused in other building projects.



Monolithic Construction

The monolithic construction stores CO₂ in the built environment over the long term, while the use of calamity timber supports sustainable forestry.



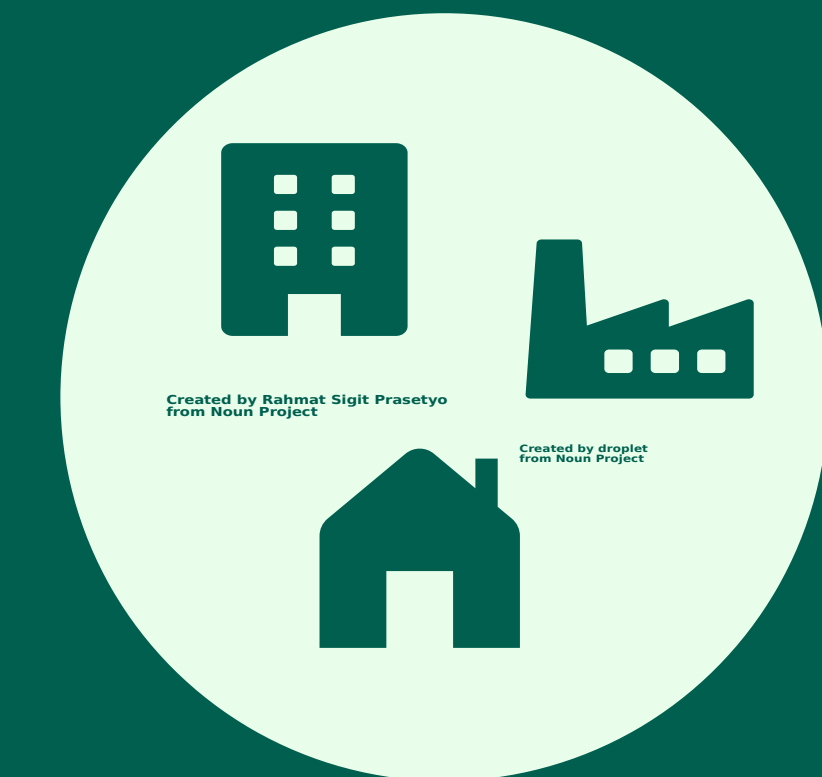
Intelligent Timber Blocks

The system uses triaxial beech timber dowel connections to join squared timbers made of calamity timber into a timber block (BRIQ). The BRIQs are produced in standardised formats, but custom-made units are also possible.



Fast Assembly

Assembly is fast and smooth, as the individual BRIQs are connected via tenons and blind holes and locked with beech timber dowels.

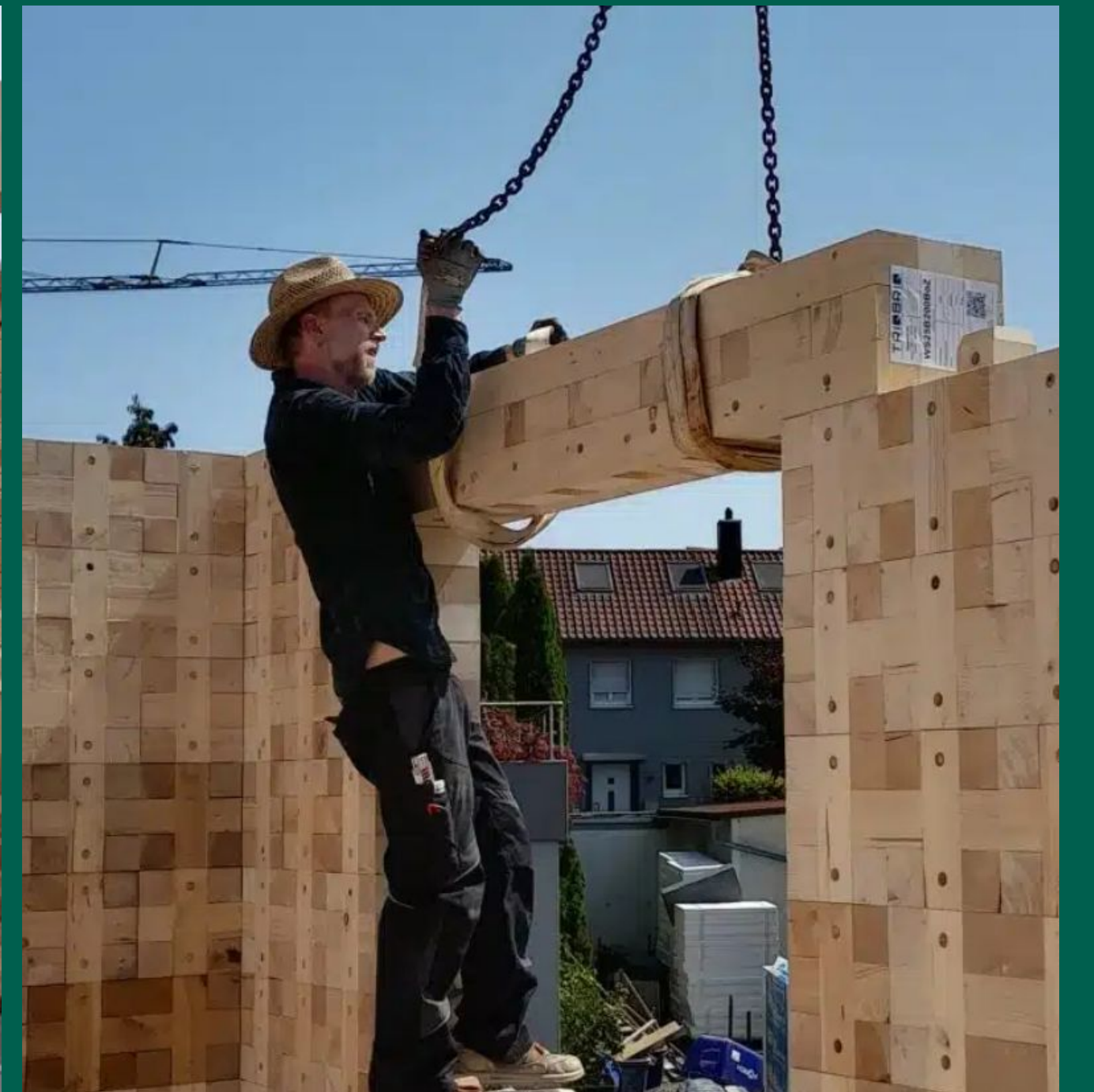


Universal Application

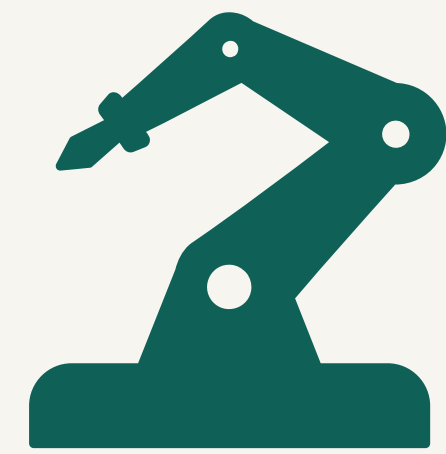
TRIQBRIQ is suitable for buildings of all classes, from residential and office buildings to schools, industry and hotels, through to adding storeys to and extending existing buildings.

SIMPLE CONSTRUCTION WITH TRIQBRIQ

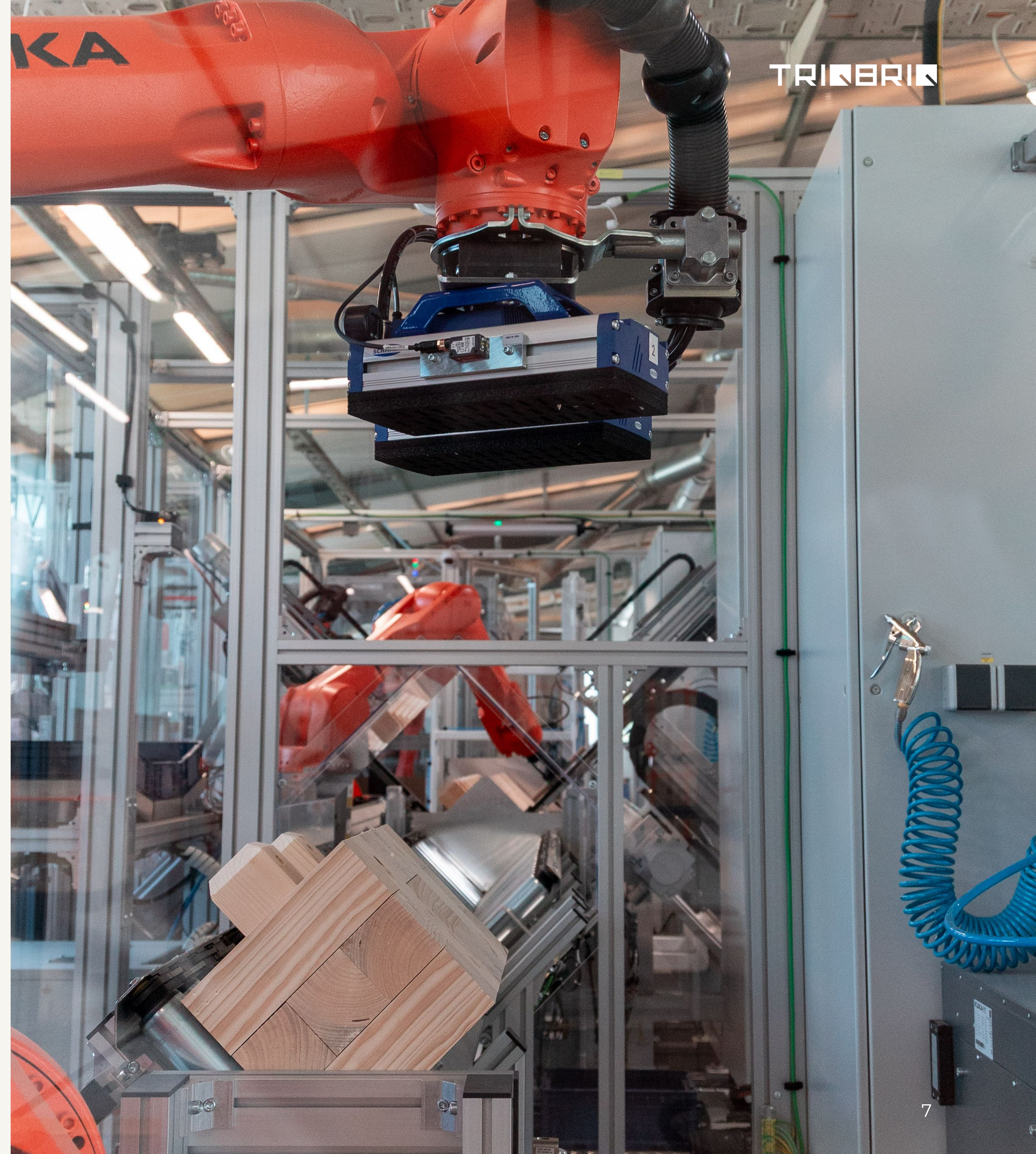
TRIQBRIQ



PRECISE PRODUCTION THROUGH ROBOTICS



TRIQBRIQ blocks are manufactured using advanced robot technology to ensure maximum precision and minimise component tolerances. This guarantees simple and reliable assembly.



SUSTAINABLE SOURCING

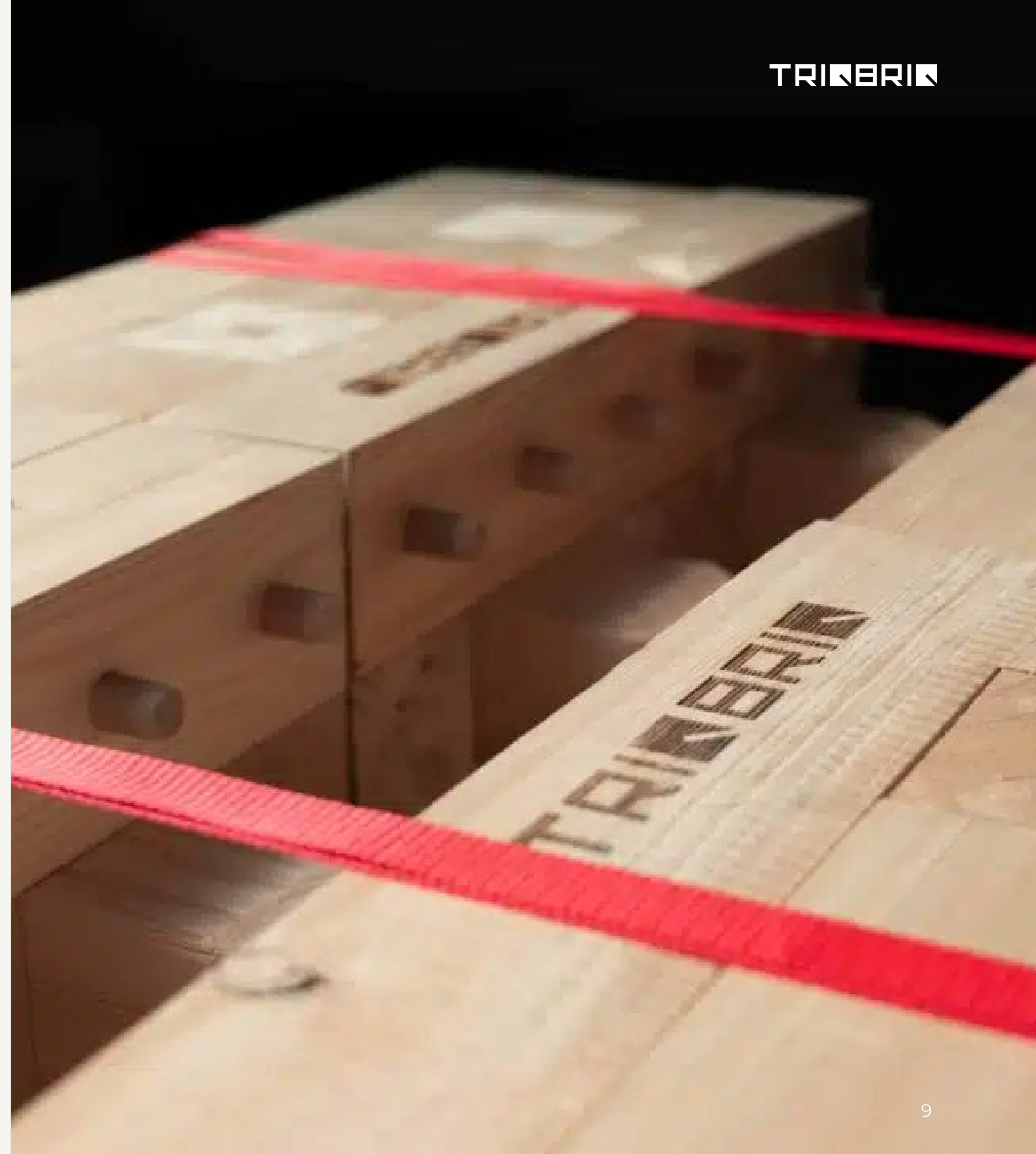


The calamity timber used as the primary raw material for TRIQBRIQ supports sustainable forestry and helps to conserve resources.

ADAPTABILITY AND FLEXIBILITY



The system offers flexibility and adaptability to meet different requirements and building projects.



SUSTAINABLE AND PROTECTS THE ENVIRONMENT



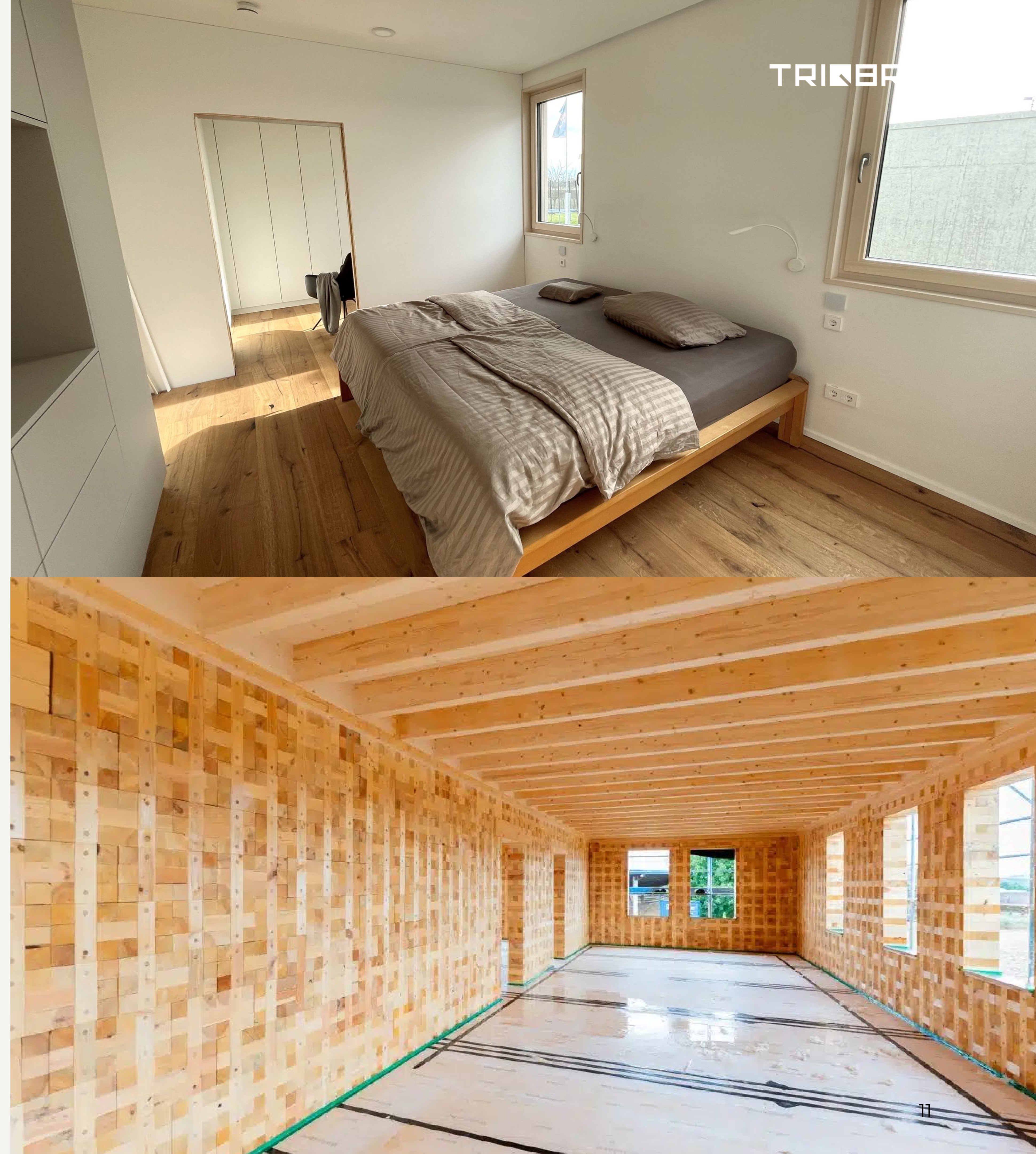
TRIQBRIQ helps to reduce the CO₂ footprint of the built environment and supports sustainable construction methods.



CLIMATE REGULATION



With its solid timber walls, TRIQBRIQ offers not only a pleasant and healthy atmosphere but also natural climate regulation. The timber regulates humidity, promotes a balanced indoor climate and thus creates a comfortable living and working environment.



02

PRODUCT OVERVIEW

Features and applications

PRODUCT SYSTEM & APPLICATION

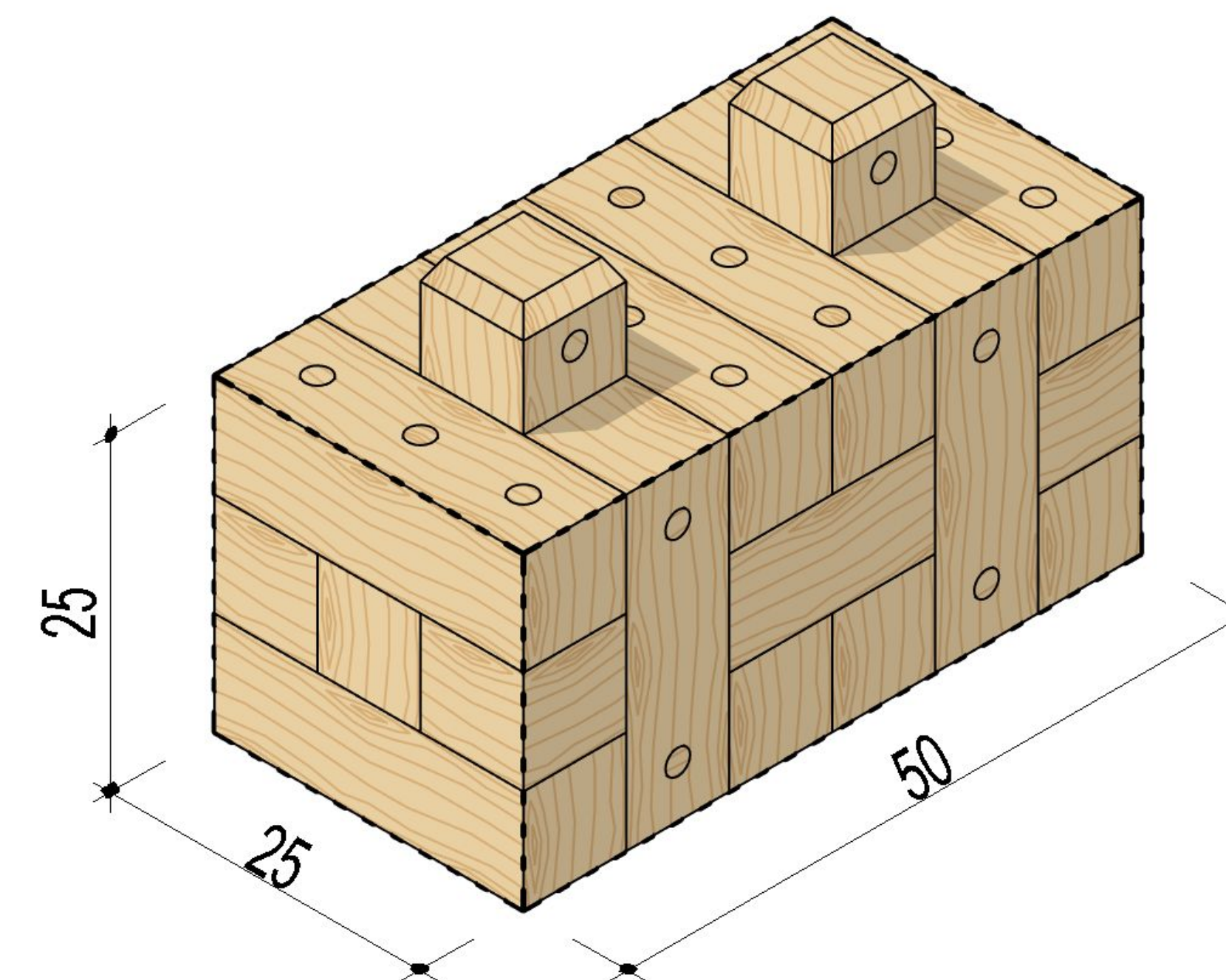
The BRIQs are solid timber blocks.

The main element is the BRIQ WS25B50mZ. It is complemented by the supplementary element BRIQ WS25B25mZ.

All BRIQ types are also produced without tenons:

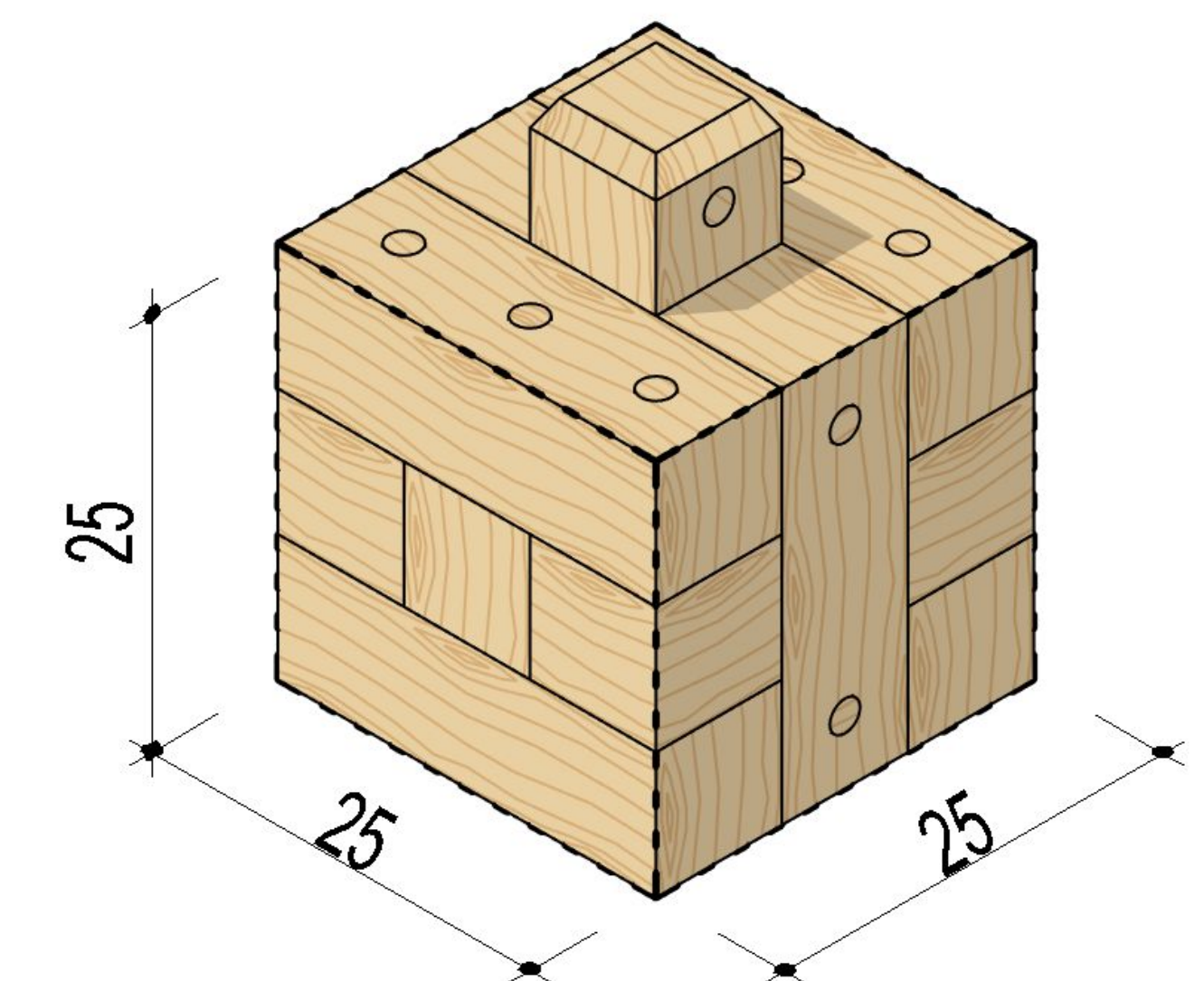
- WS25B50oZ and WS25B25oZ, mostly used for the top course of a wall or at wall openings.
- Flexural beams (2.00 m and 4.00 m in length) and columns can be produced in the WS25 system.
- This system is subject to the technical building rules, in particular EN 1995-1-1 in conjunction with the German National Annex DIN EN 1995-1-1/NA.

BRIQ WS25B50mZ



- **Application:** Internal & external wall
- **Wall thickness:** 25 cm
- **Weight:** 14 kg per BRIQ
- **Dimensions:** 25 x 25 x 50 cm

BRIQ WS25B25mZ

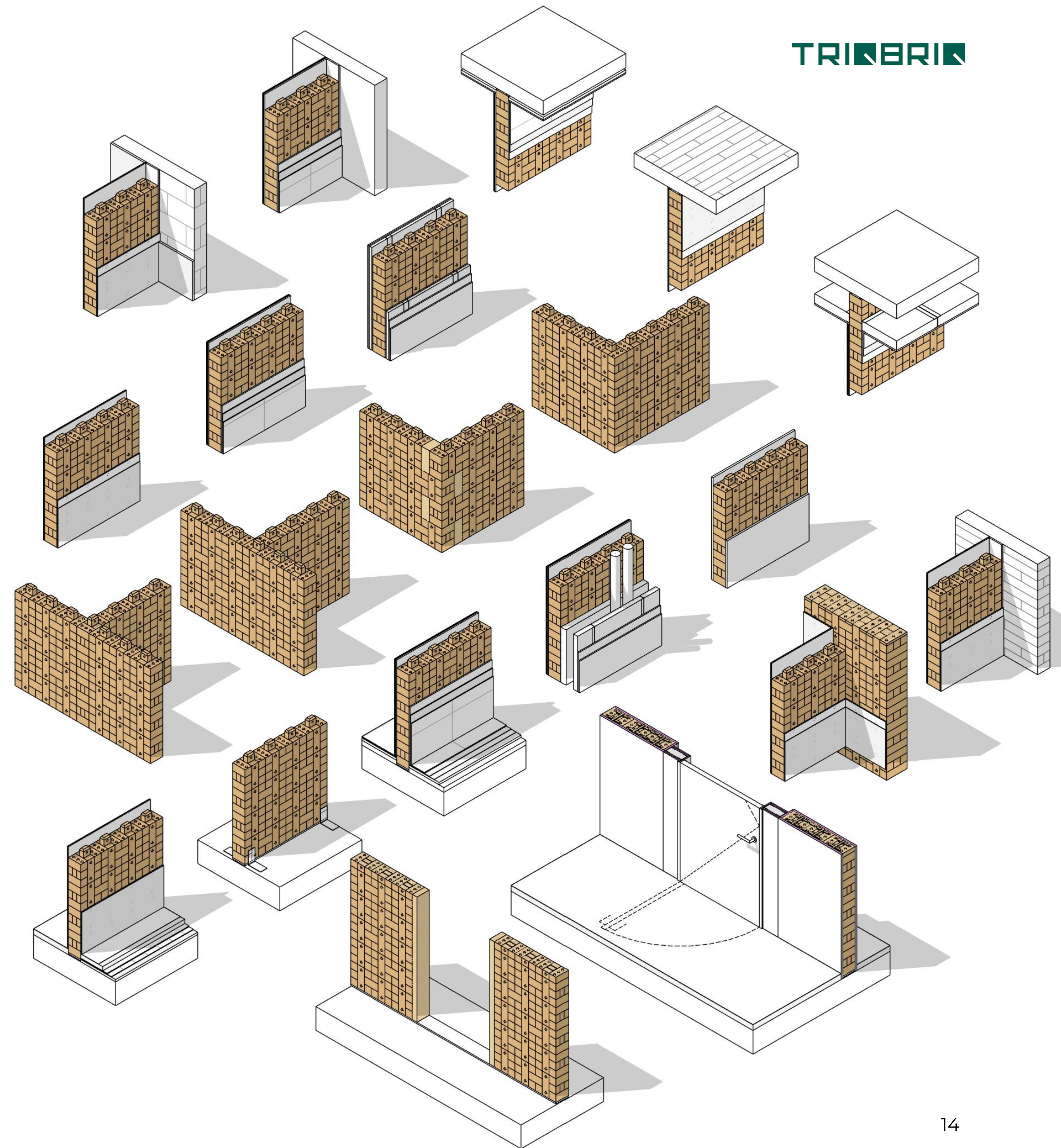


- **Application:** Internal & external wall
- **Wall thickness:** 25 cm
- **Weight:** 7 kg per BRIQ
- **Dimensions:** 25 x 25 x 25 cm

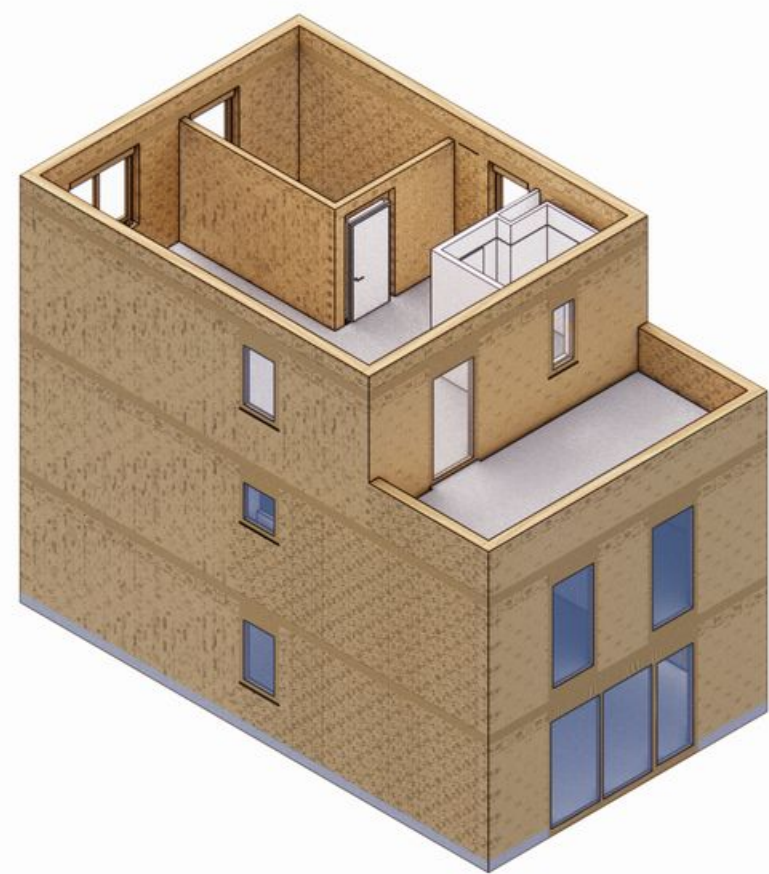
BIM COMPATIBLE

TRIQBRIQ is perfectly aligned with the needs of modern building projects and enables seamless integration into Building Information Modeling (BIM) workflows. This facilitates the planning and execution of building projects and supports efficient communication between all parties involved.

TRIQBRIQ

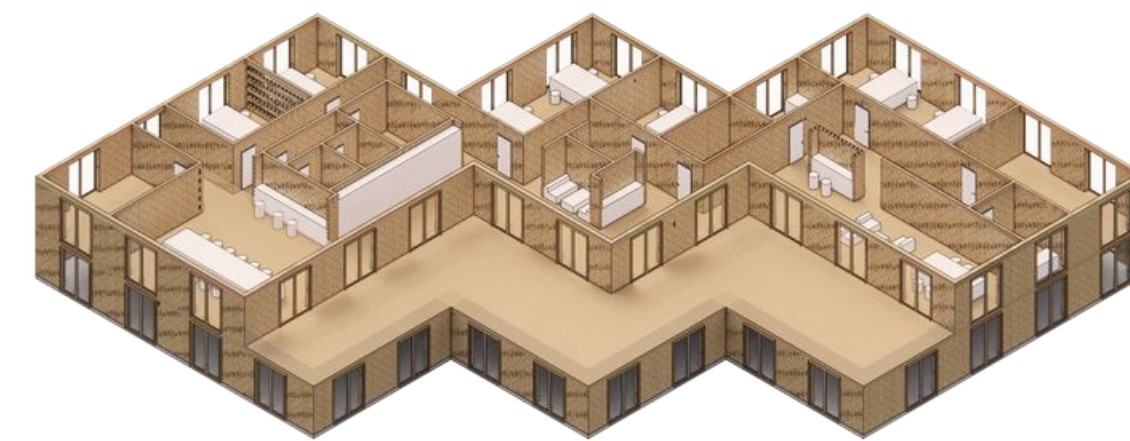


UNIVERSAL APPLICATION



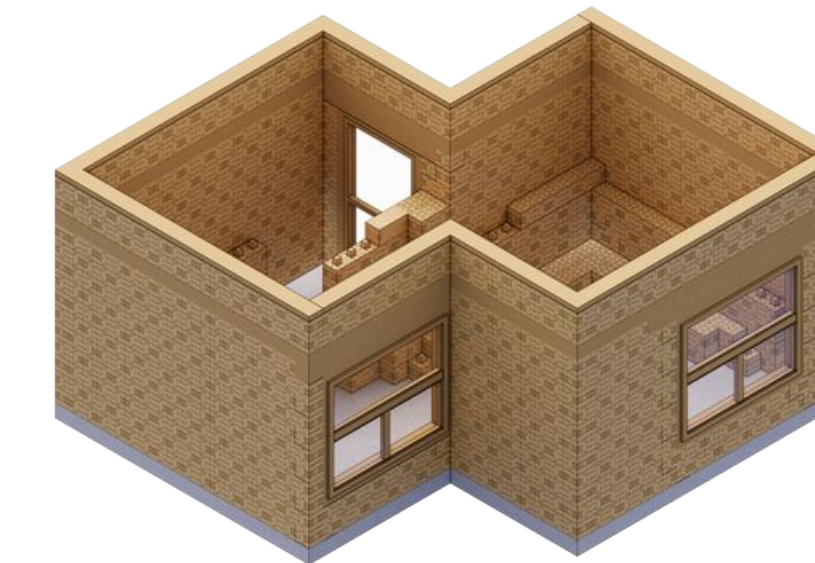
RESIDENTIAL

- Single-family houses
- Multi-family houses
- Rental housing
- Social housing
- Temporary accommodation
- Student housing



COMMERCIAL

- Offices / co-working
- Trade & retail
- Hotel
- Co-living / commercial housing



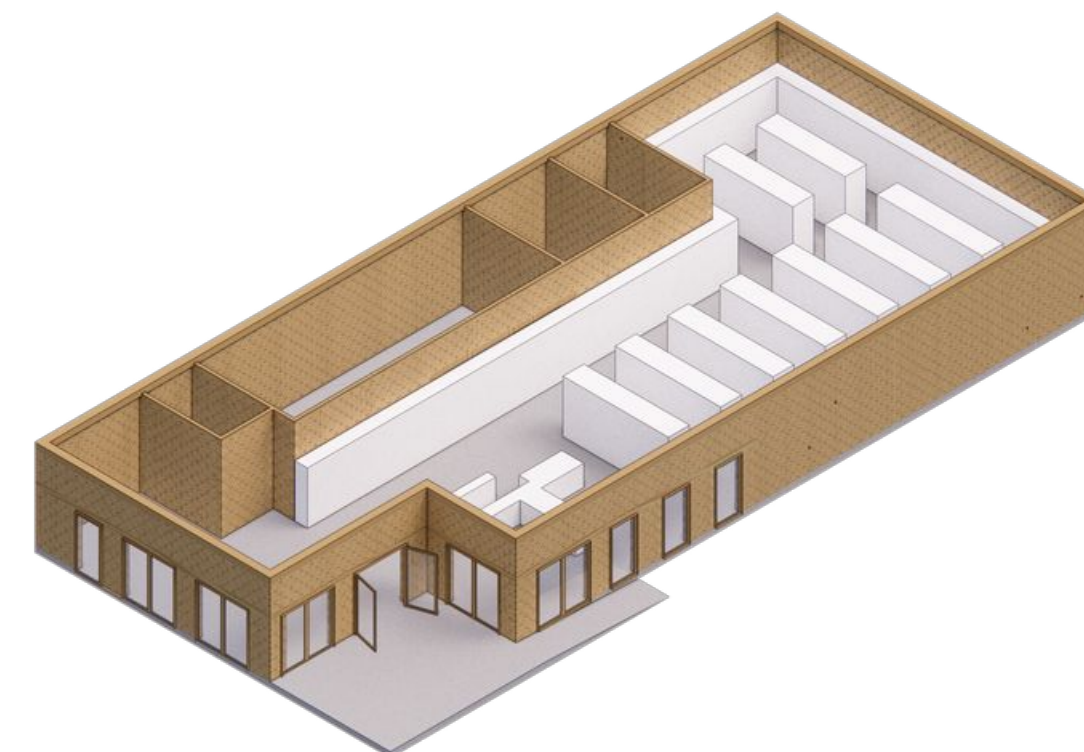
TEMPORARY

- School
- Warehouse
- Exhibitions
- Tiny home
- Pop-up



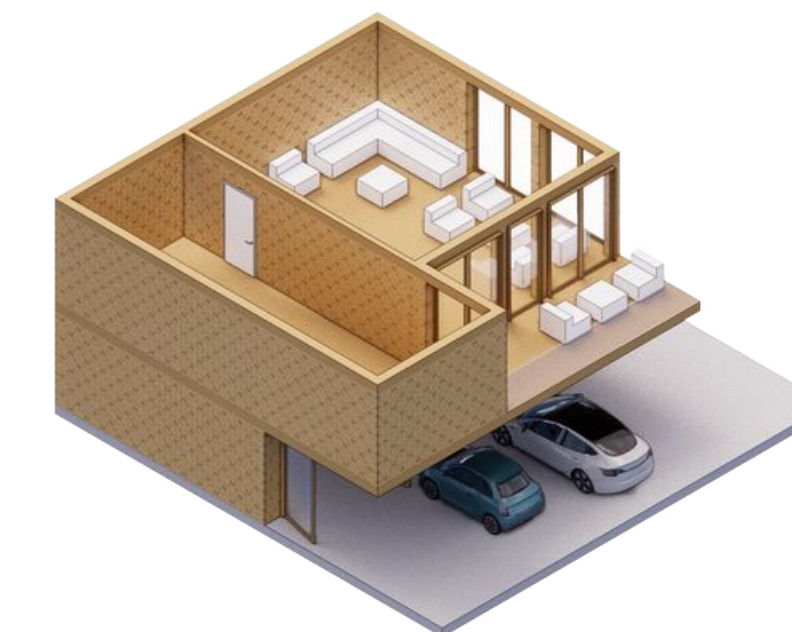
EDUCATION

- School buildings
- Kindergartens
- Temporary extensions



INDUSTRIAL

- Supermarkets
- Industrial buildings
- Warehouses
- Logistics buildings



INFRASTRUCTURE

- Mobility hubs
- Transport buildings
- Infrastructure buildings

CONNECTIONS AND INTEGRATION

Floor connections



- Easy to lay
- Screw fixing with plate or angle
- Mortar bed
- Sole plate

Slab connections



- Reinforced concrete
- Timber-concrete composite
- Glued laminated timber (glulam)
- Dowel/nail-laminated timber
- And more

Wall openings



- Masonry grid
- Custom sizes possible
- Can be adapted later
- Resource-efficient
- Lintels up to 4 m

Service routing



- Surface-mounted
- Wall lining
- Services in ceiling and floor
- Chases
- Central ducts in the building

03

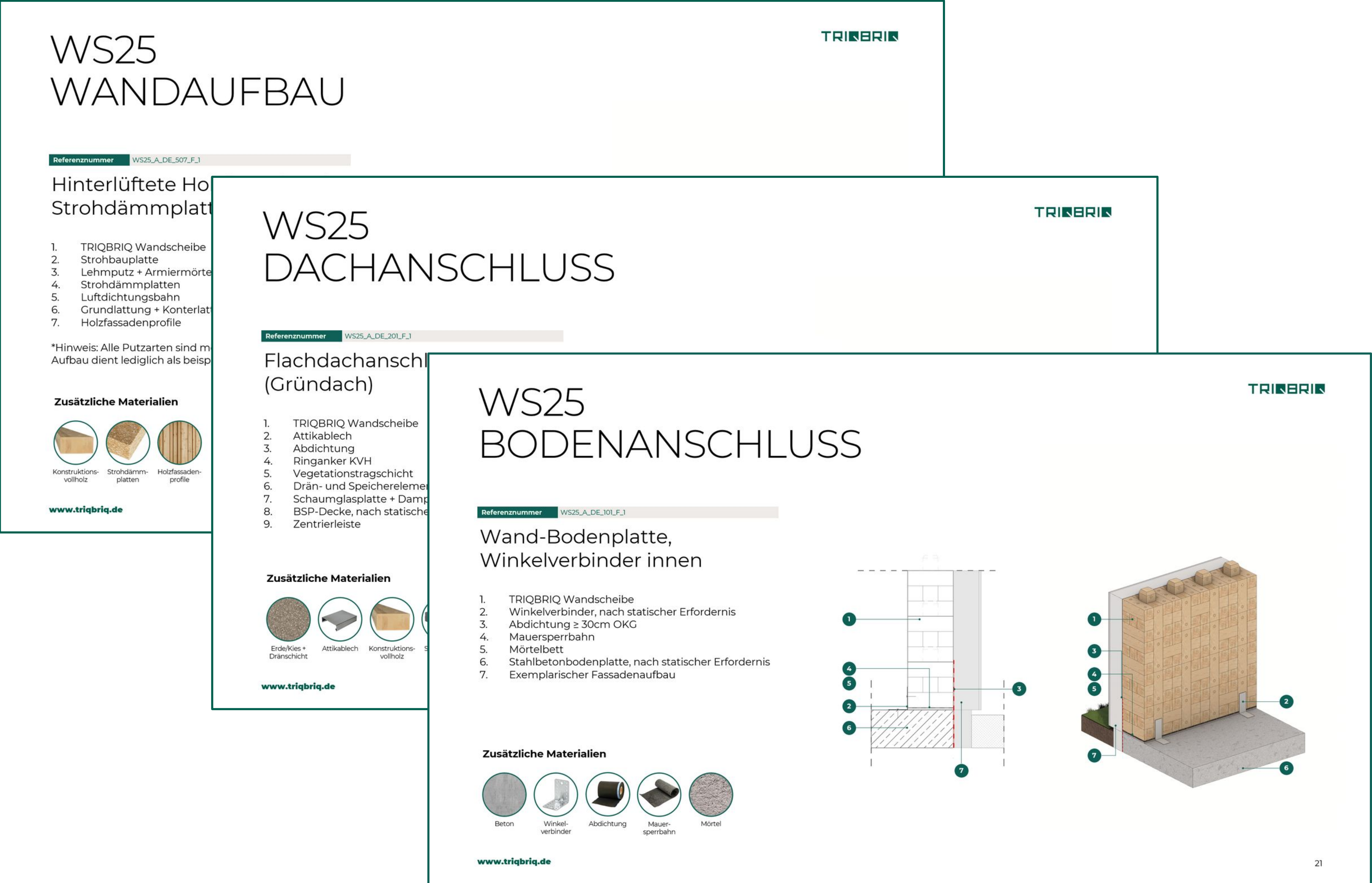
DETAIL GUIDE

Use of the WS25 system

DETAIL CATALOGUE & PLANNING BASIS



Application details



The detail catalogue provides an overview of typical system build-ups and connection solutions.

Drawings and BIM models are available for download to enable fast and straightforward integration into all planning software.

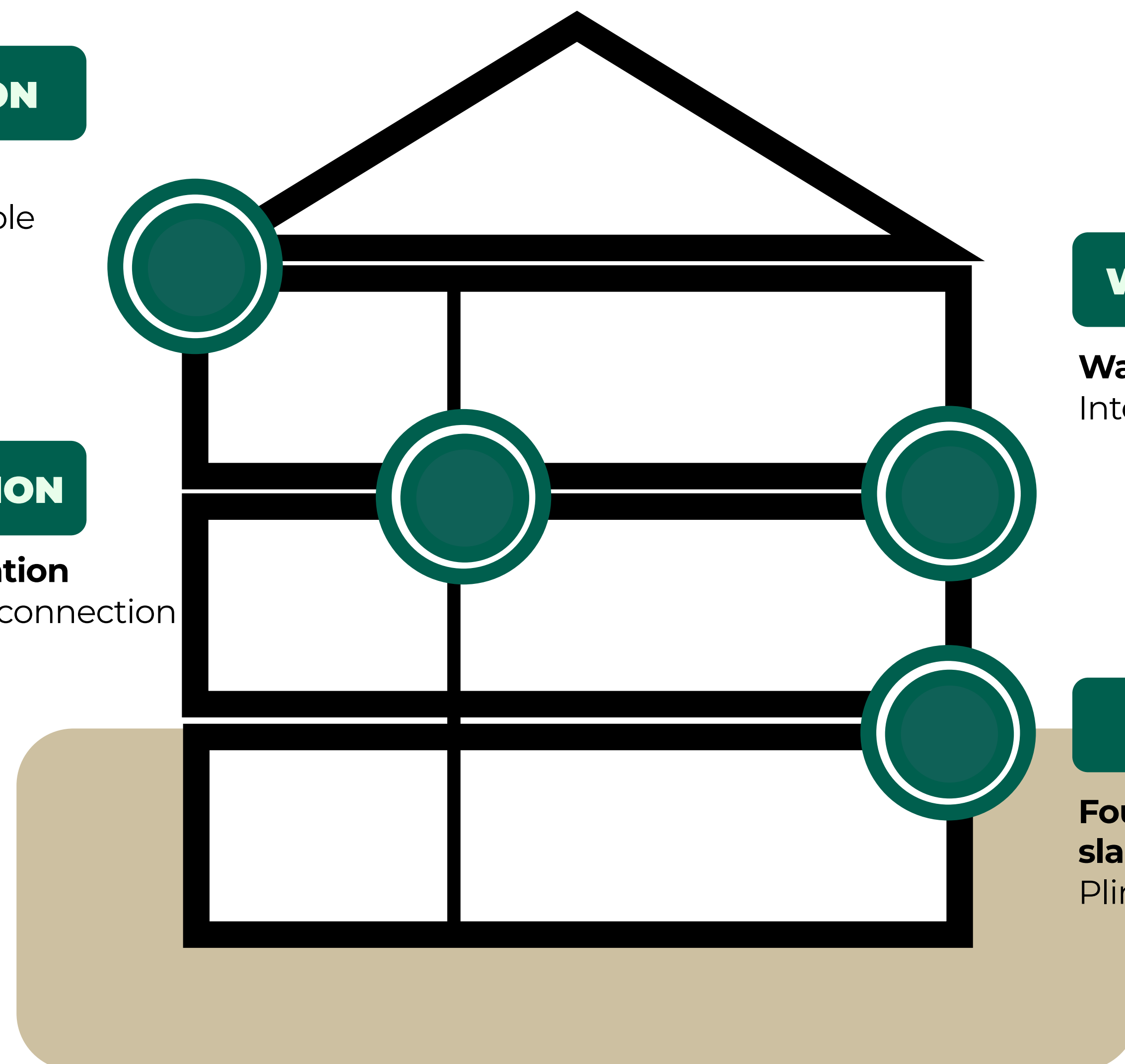
SYSTEM DETAILS

ROOF CONNECTION

Roof connections
Parapet, flat roof and gable

SYSTEM INTEGRATION

Details & system integration
Hybrid construction and connection principles



WALL CONNECTIONS

Wall build-ups & slab connections
Internal and external wall connections

AREA IN CONTACT WITH GROUND

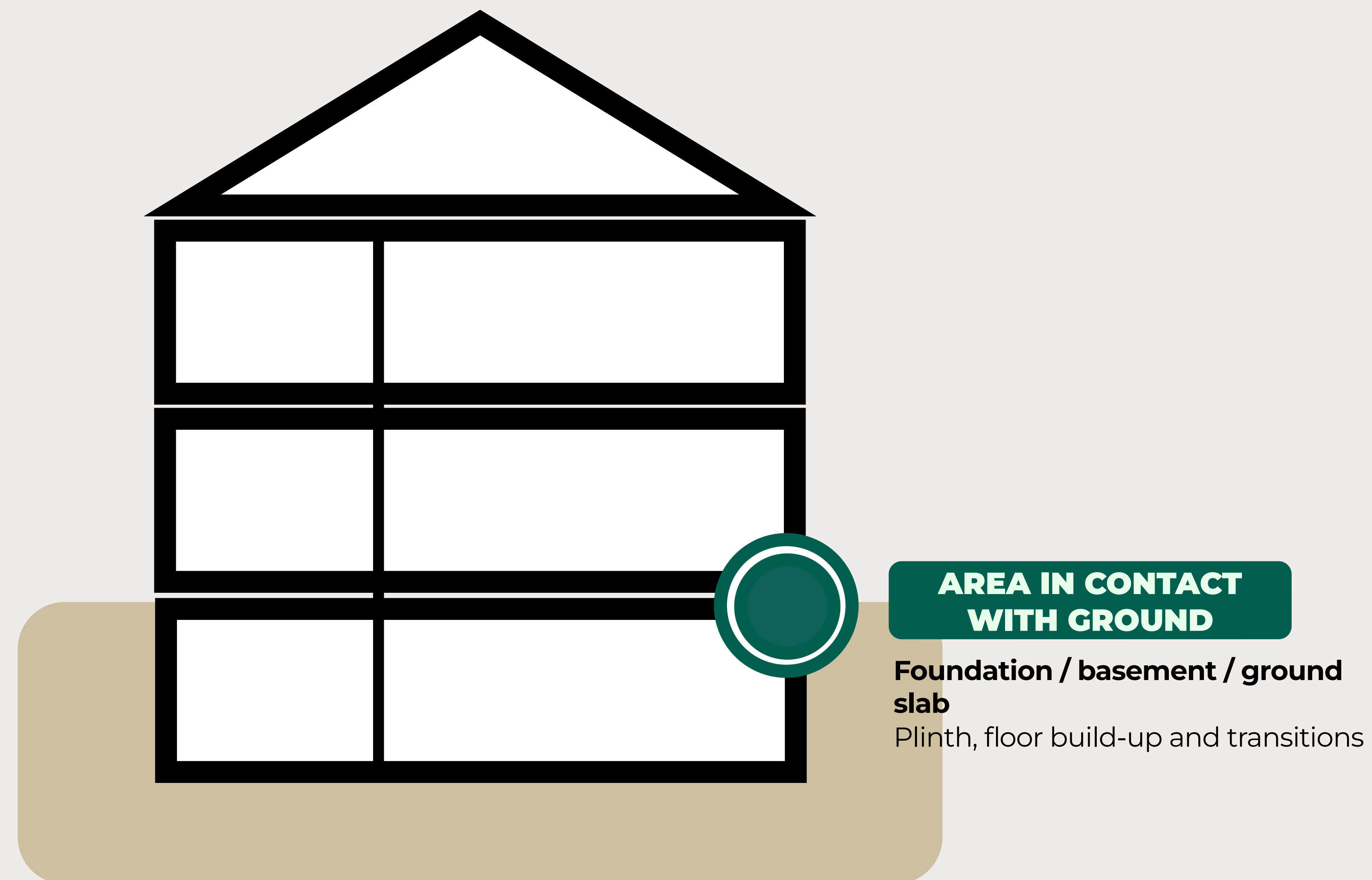
Foundation / basement / ground slab
Plinth, floor build-up and transitions

The following detail guide shows example connection details and system build-ups for the WS25 system in residential construction.

Our detail catalogue is geared to different types of use and provides example build-ups as a reference for various connection details (wall-floor, wall-slab, etc.).

WS25

FLOOR CONNECTION



Particular attention must be paid to moisture protection at the wall-floor connection.

WS25

WATERPROOFING DETAIL GK 0

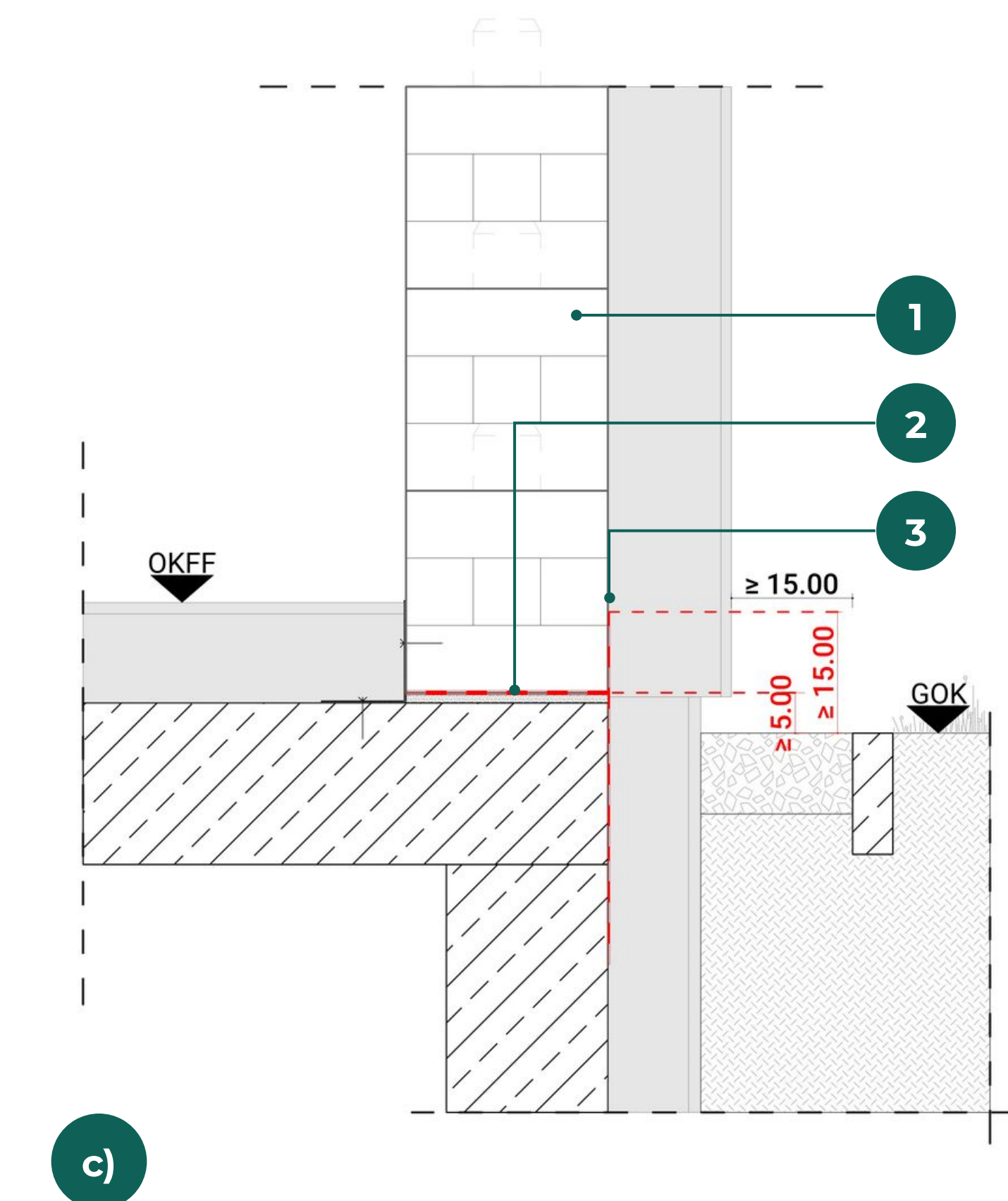
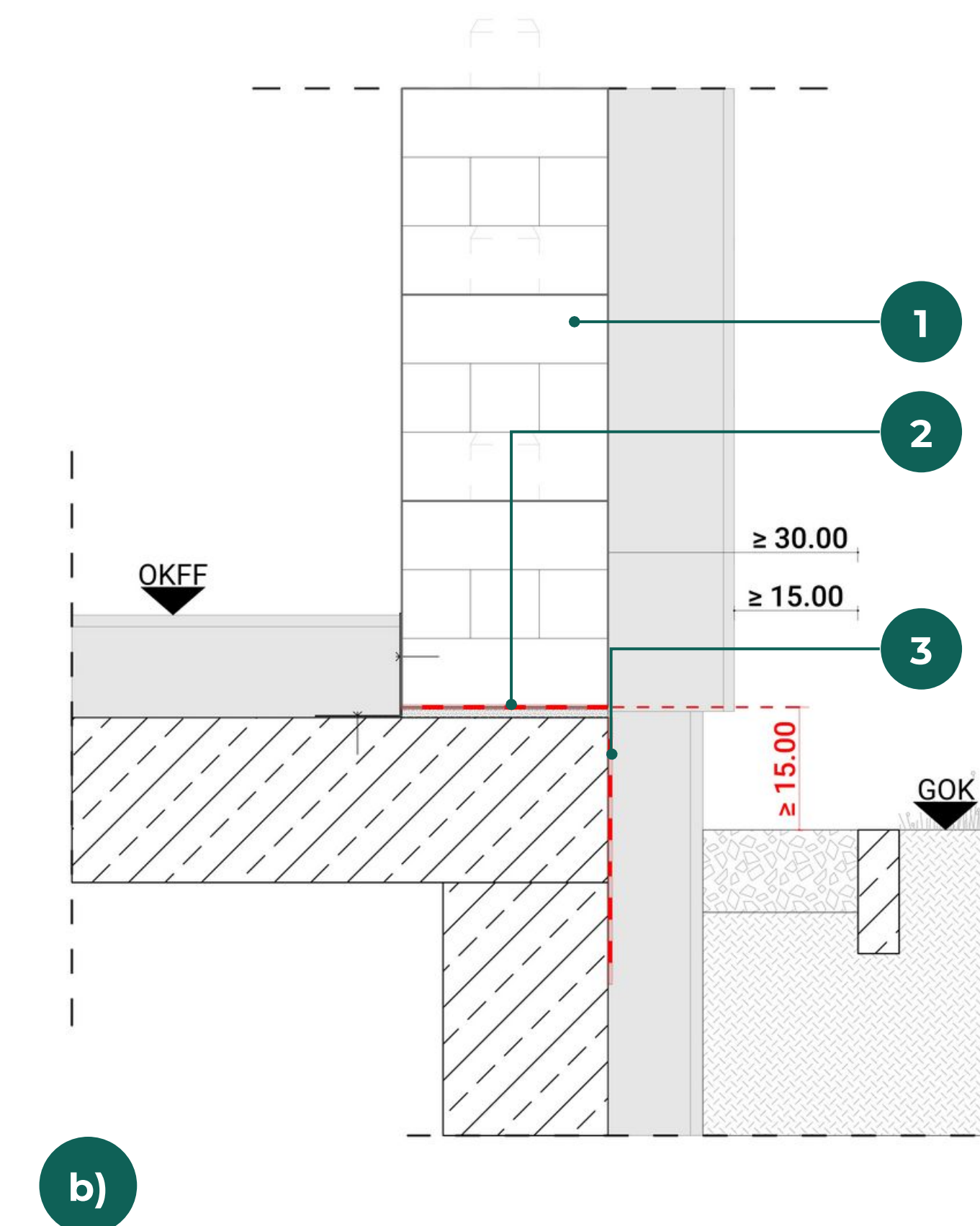
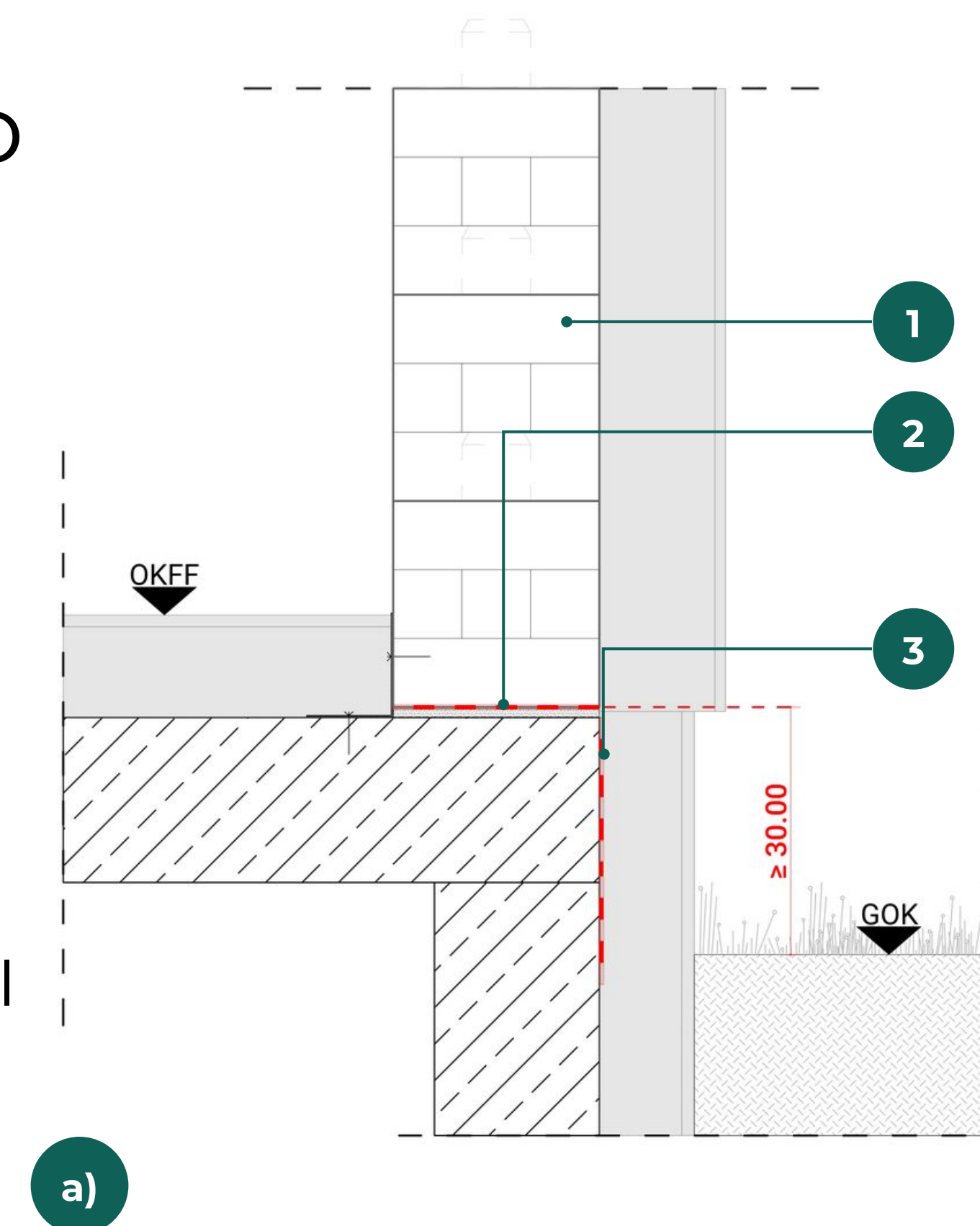
Plinth design variants
with minimum splash protection
heights to be maintained relative to
the underside of the sill

For classification in use class GK 0, one of the
following minimum-distance conditions must
be met in accordance with DIN 68800-2:

a) ≥ 30 cm: no requirements for the
design of the ground surface, or

b) ≥ 15 cm: ground surface designed with an additional
gravel bed (grain size 16/32 mm) or a water-draining
surface with a fall of at least 2 % (not applicable with
ETICS), or

c) ≥ 5 cm: with additional suitable waterproofing
measures to DIN 18533-1.



1. TRIQBRIQ wall
2. Horizontal waterproofing
3. Vertical waterproofing to DIN 18533

WS25

FLOOR CONNECTION

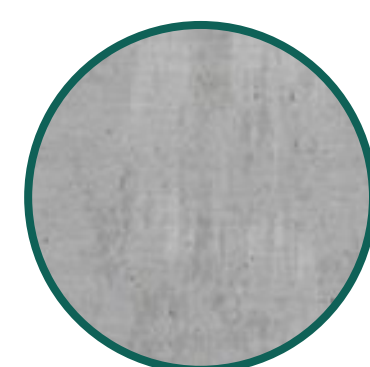
Reference number WS25_A_DE_101_F_1

Wall to ground slab, angle connector inside

1. TRIQBRIQ wall
2. Angle connector, as structurally required
3. Vertical waterproofing to DIN 18533 *
4. Horizontal waterproofing
5. Mortar bed
6. Reinforced concrete ground slab, as structurally required
7. Example façade build-up

*Note: Observe the GK 0 waterproofing details on p. 21.

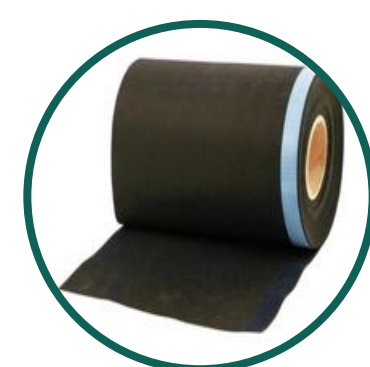
Additional materials



Concrete



Angle connector



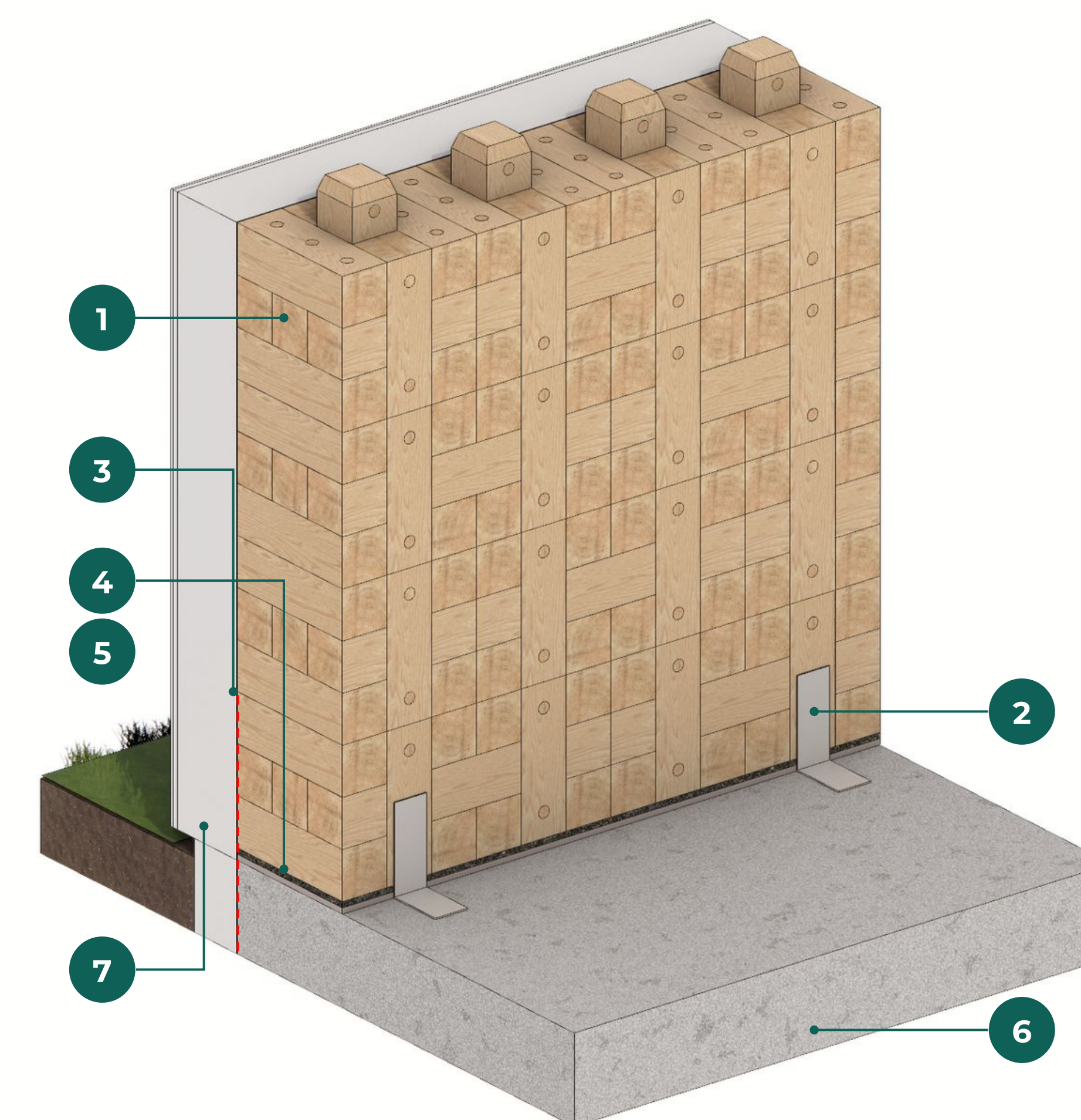
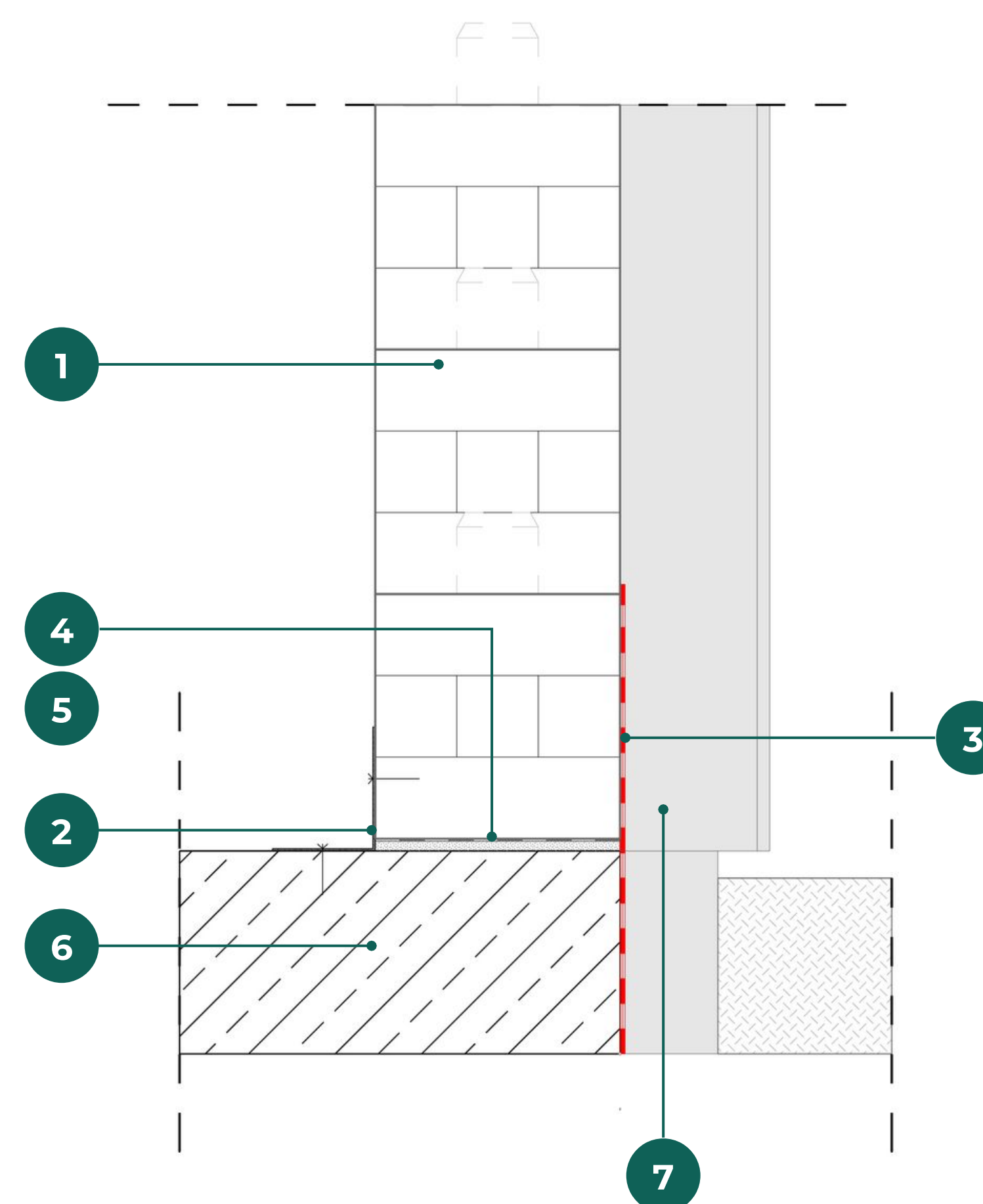
Vertical waterproofing



Horizontal waterproofing



Mortar



WS25

FLOOR CONNECTION

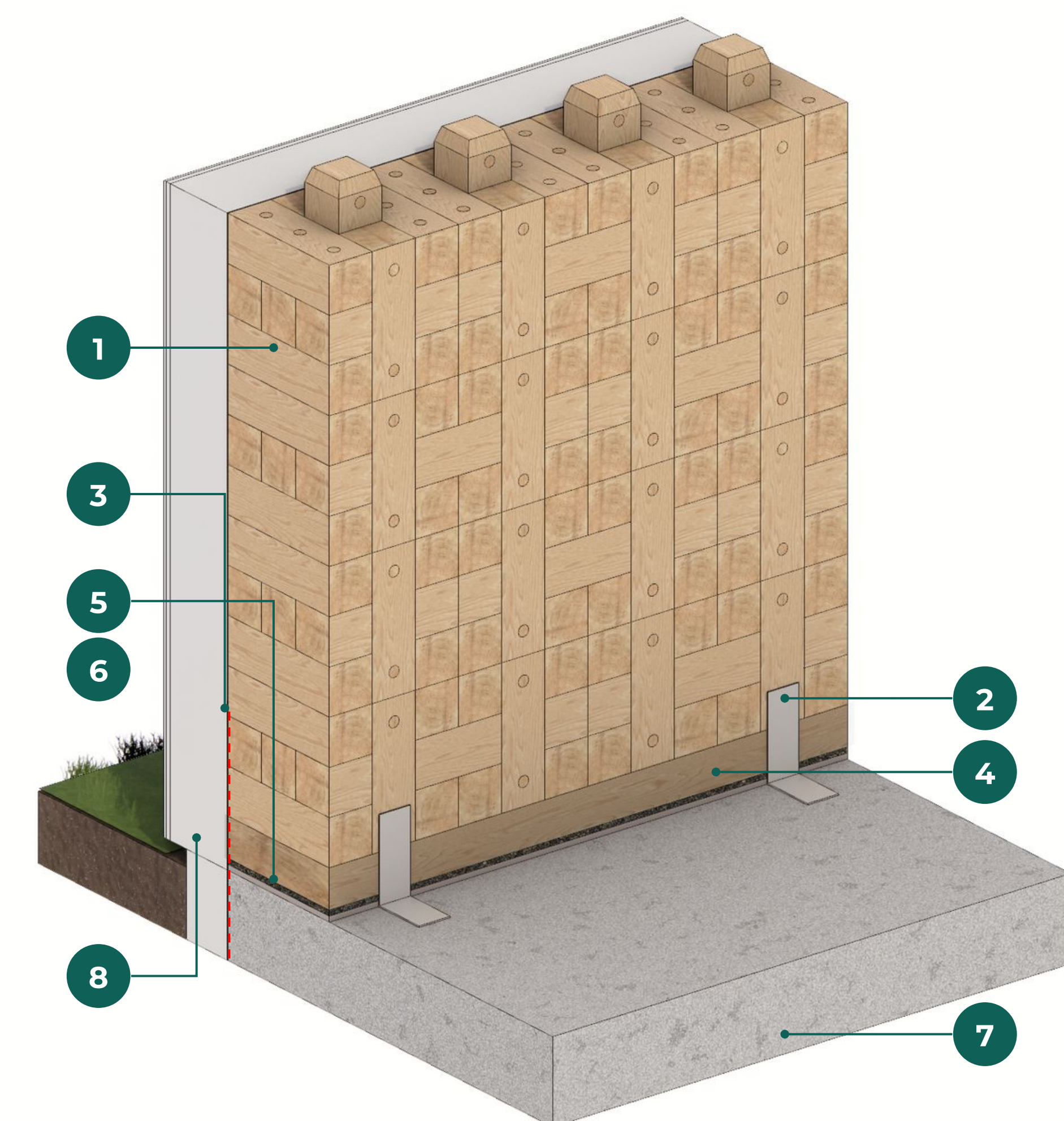
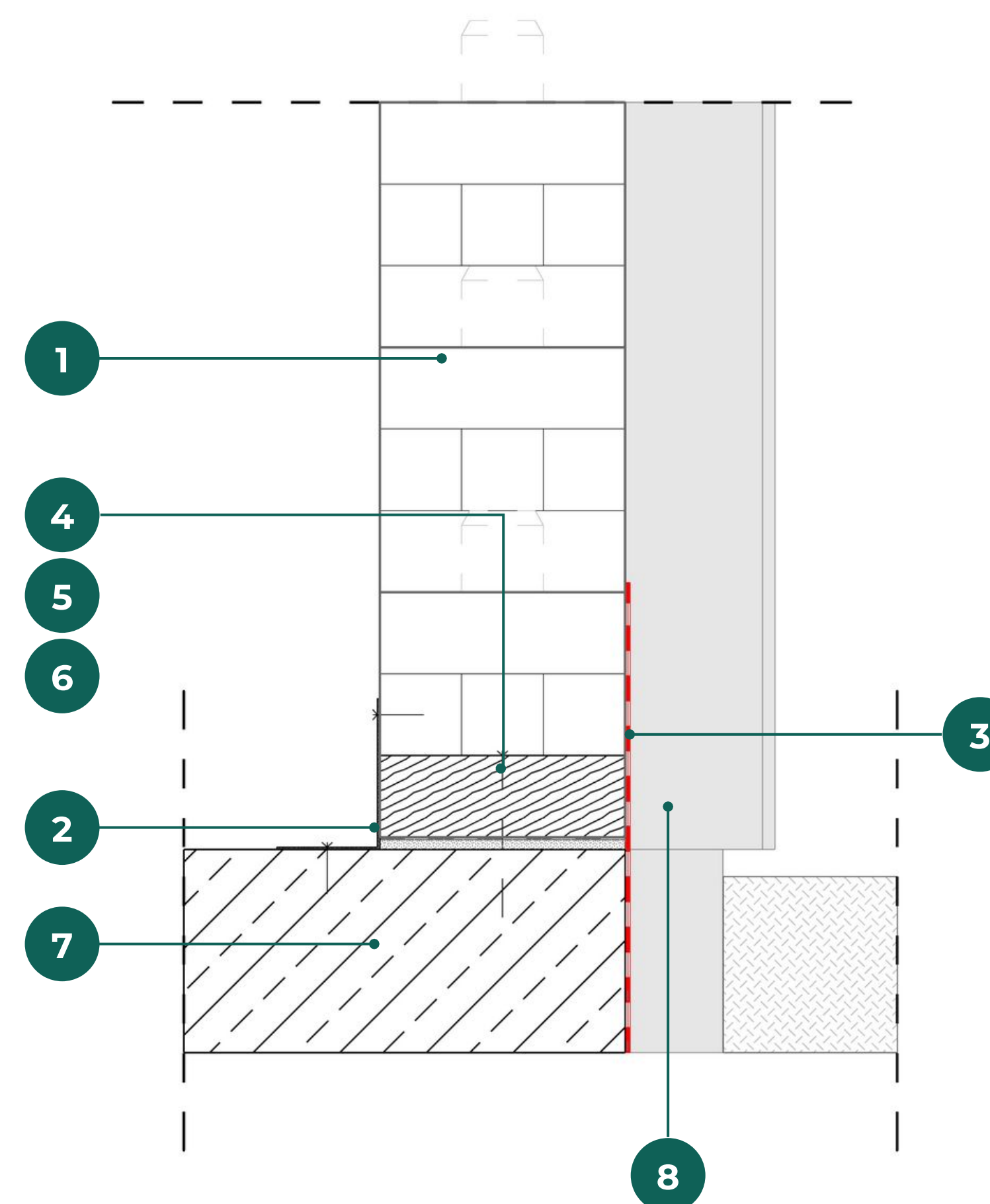
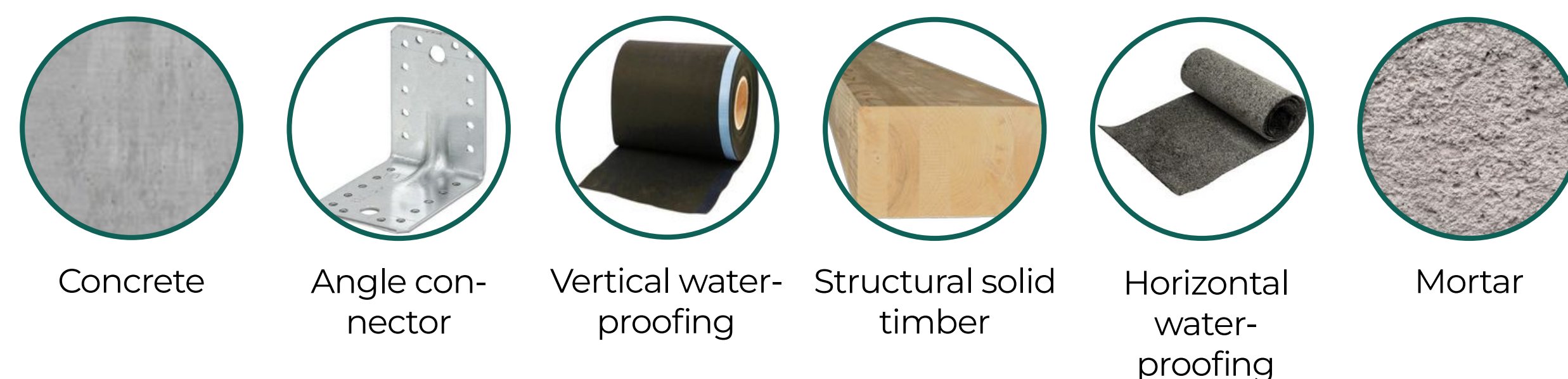
Reference number WS25_A_DE_101_F_1

Wall to ground slab with timber sill

1. TRIQBRIQ wall
2. Angle connector, as structurally required
3. Vertical waterproofing to DIN 18533 *
4. Timber sill + screw anchor
5. Horizontal waterproofing
6. Mortar bed
7. Reinforced concrete ground slab, as structurally required
8. Example façade build-up

*Note: Observe the GK 0 waterproofing details on p. 21.

Additional materials



WS25

FLOOR CONNECTION

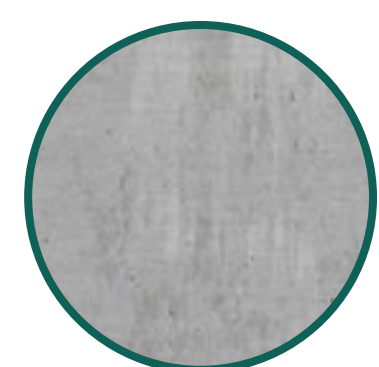
Reference number WS25_A_DE_101_F_1

Wall to ground slab with plinth

1. TRIQBRIQ wall
2. Tension anchor on inside, as structurally required
3. Vertical waterproofing to DIN 18533 *
4. Horizontal waterproofing
5. Mortar bed
6. Reinforced concrete ground slab with plinth, as structurally required
7. Example façade build-up

*Note: Observe the GK 0 waterproofing details on p. 21.

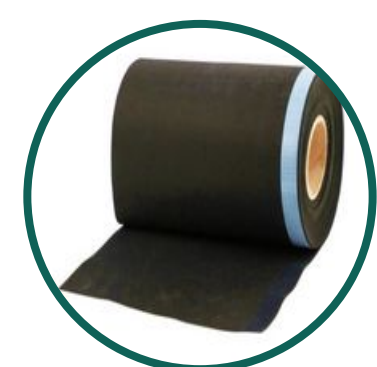
Additional materials



Concrete



Tension anchor



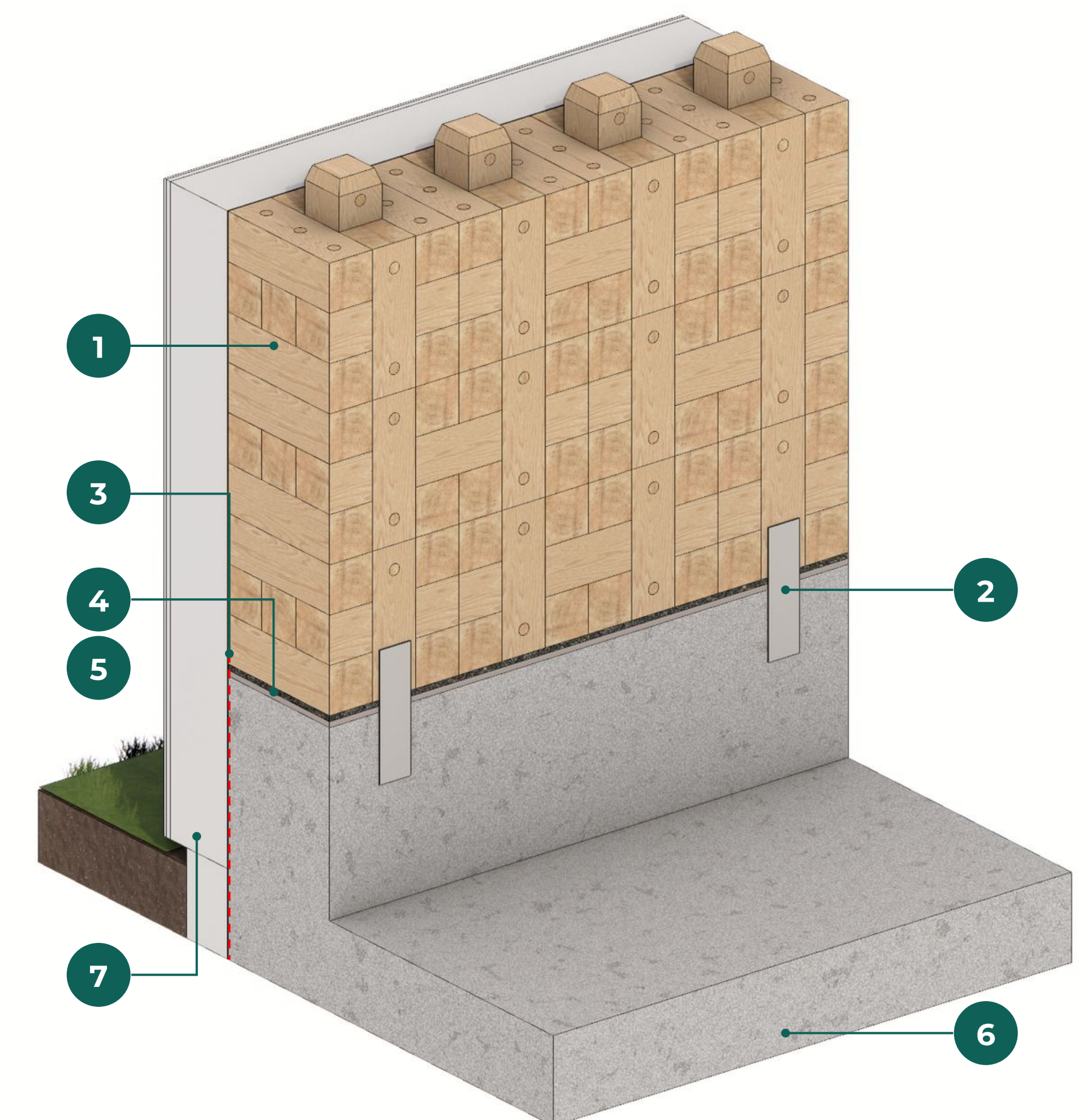
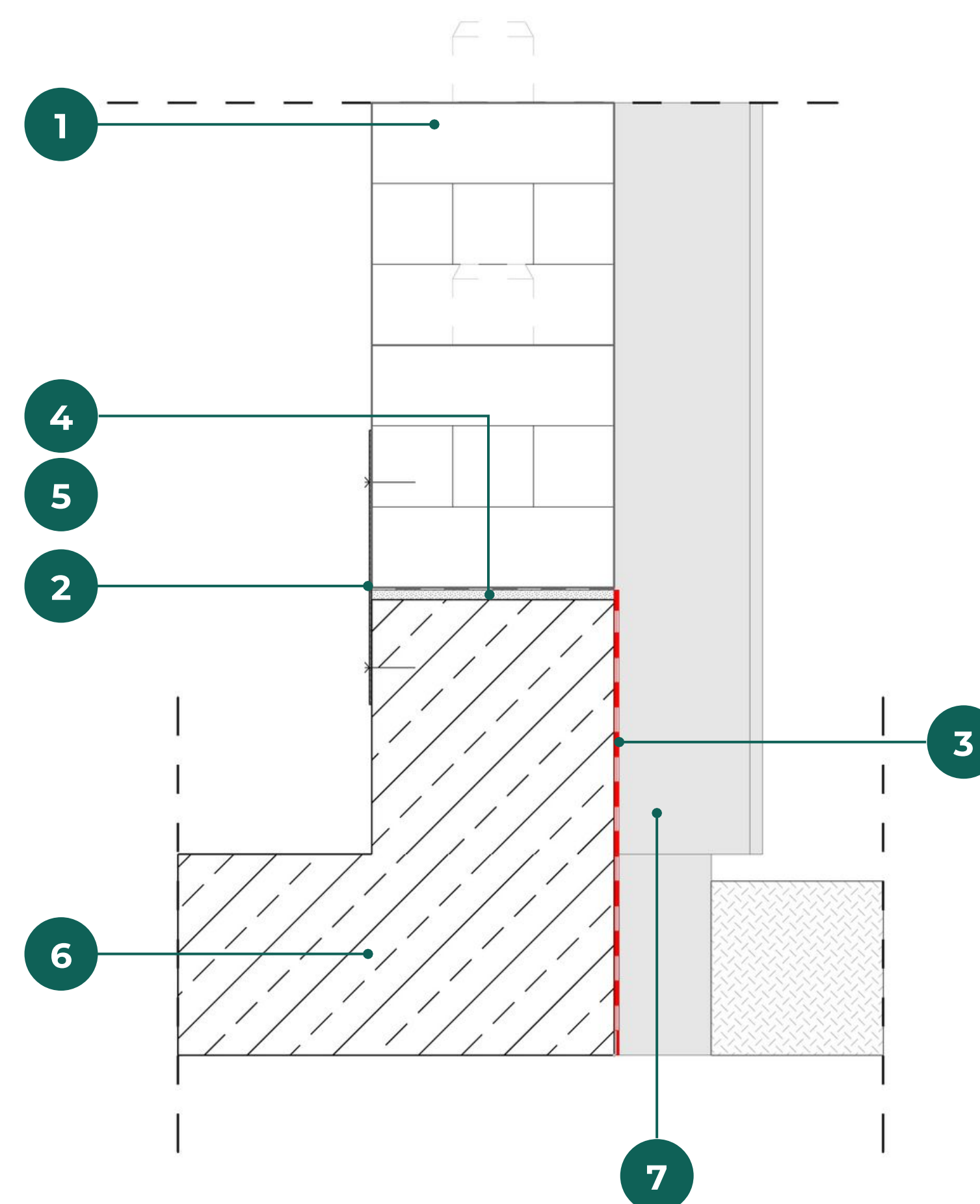
Vertical water-proofing



Horizontal water-proofing



Mortar



WS25

FLOOR CONNECTION

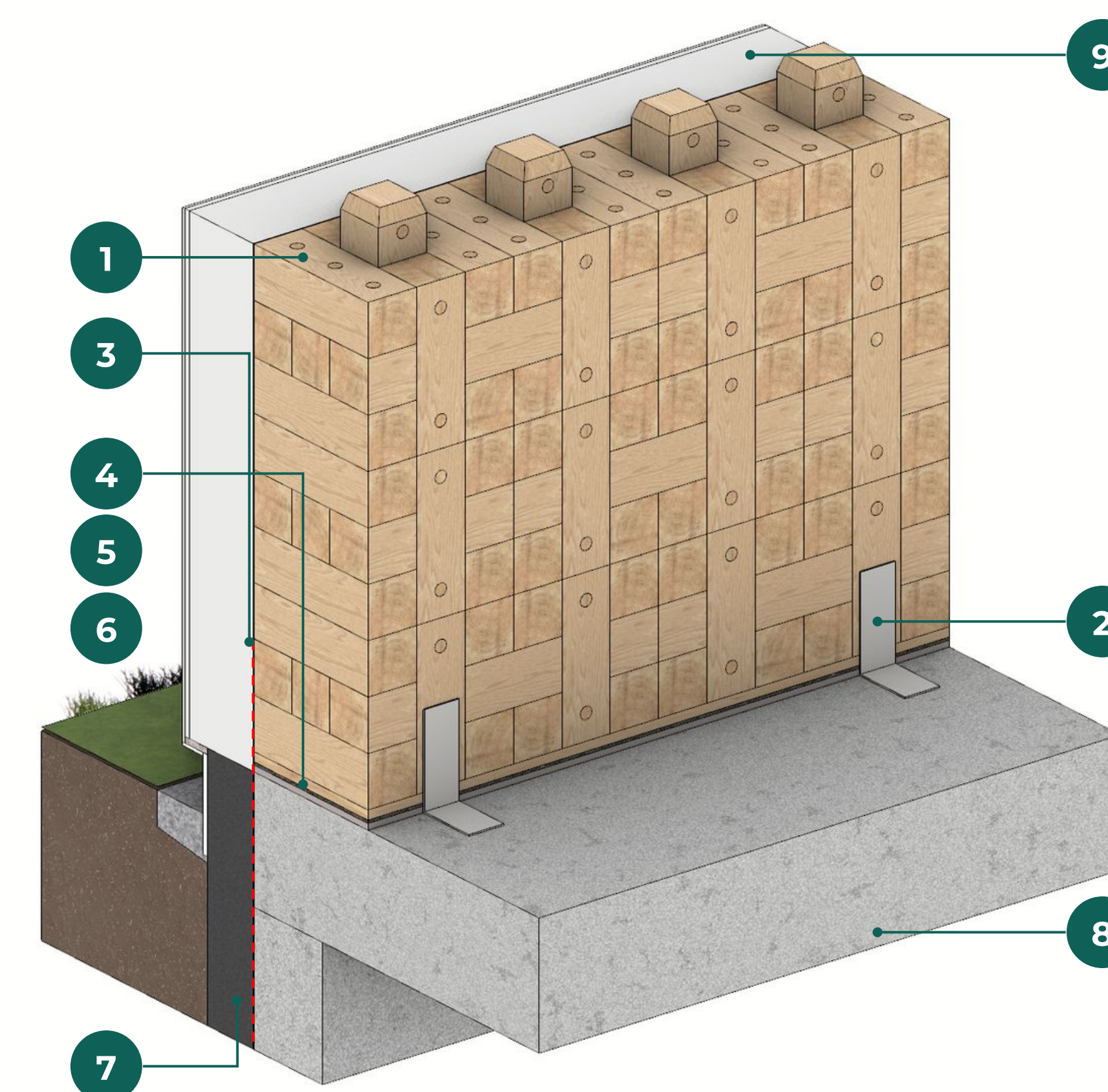
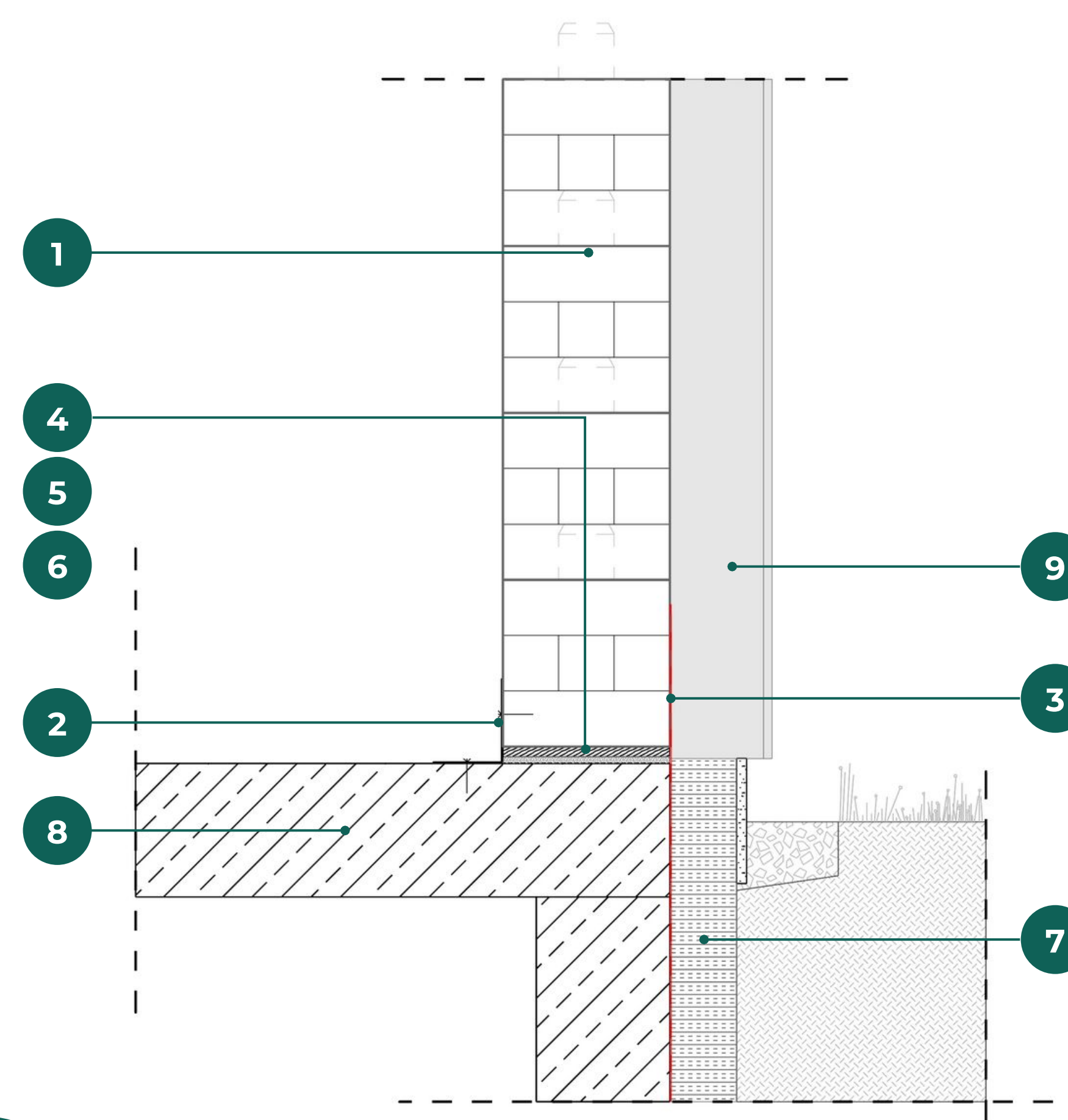
Reference number WS25_A_DE_102_F_1

Wall to ground slab with basement

1. TRIQBRIQ wall
2. Angle connector, as structurally required
3. Vertical waterproofing to DIN 18533 *
4. Decoupling strip
5. Horizontal waterproofing
6. Mortar bed
7. Foam glass plinth board
8. Reinforced concrete slab, as structurally required
9. Example façade build-up

*Note: Observe the GK 0 waterproofing details on p. 21.

Additional materials

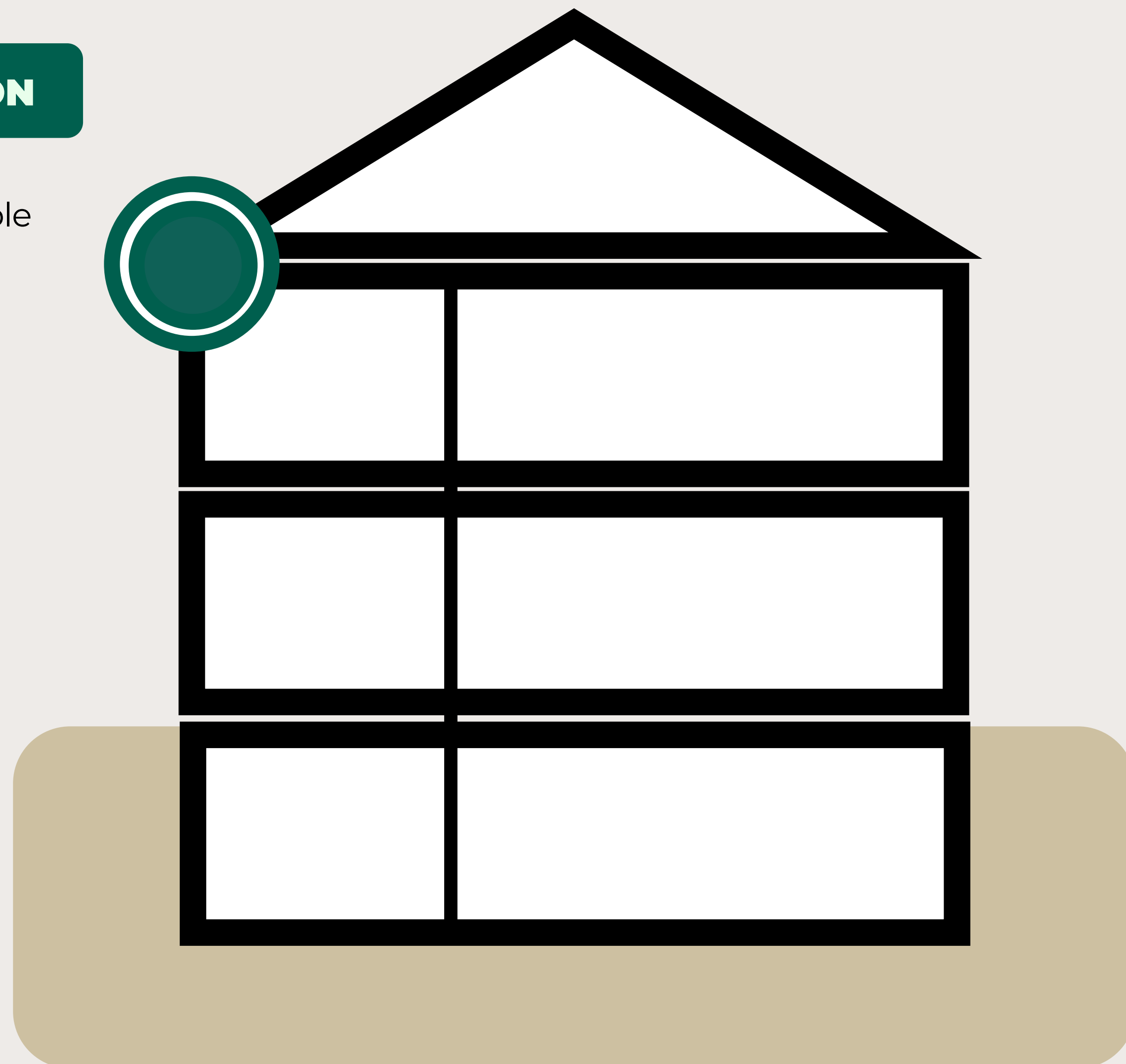


WS25 ROOF CONNECTION

ROOF CONNECTION

Roof connections

Parapet, flat roof and gable



Secure connections free of thermal bridges for flat, green and pitched roof solutions.

WS25

ROOF CONNECTION

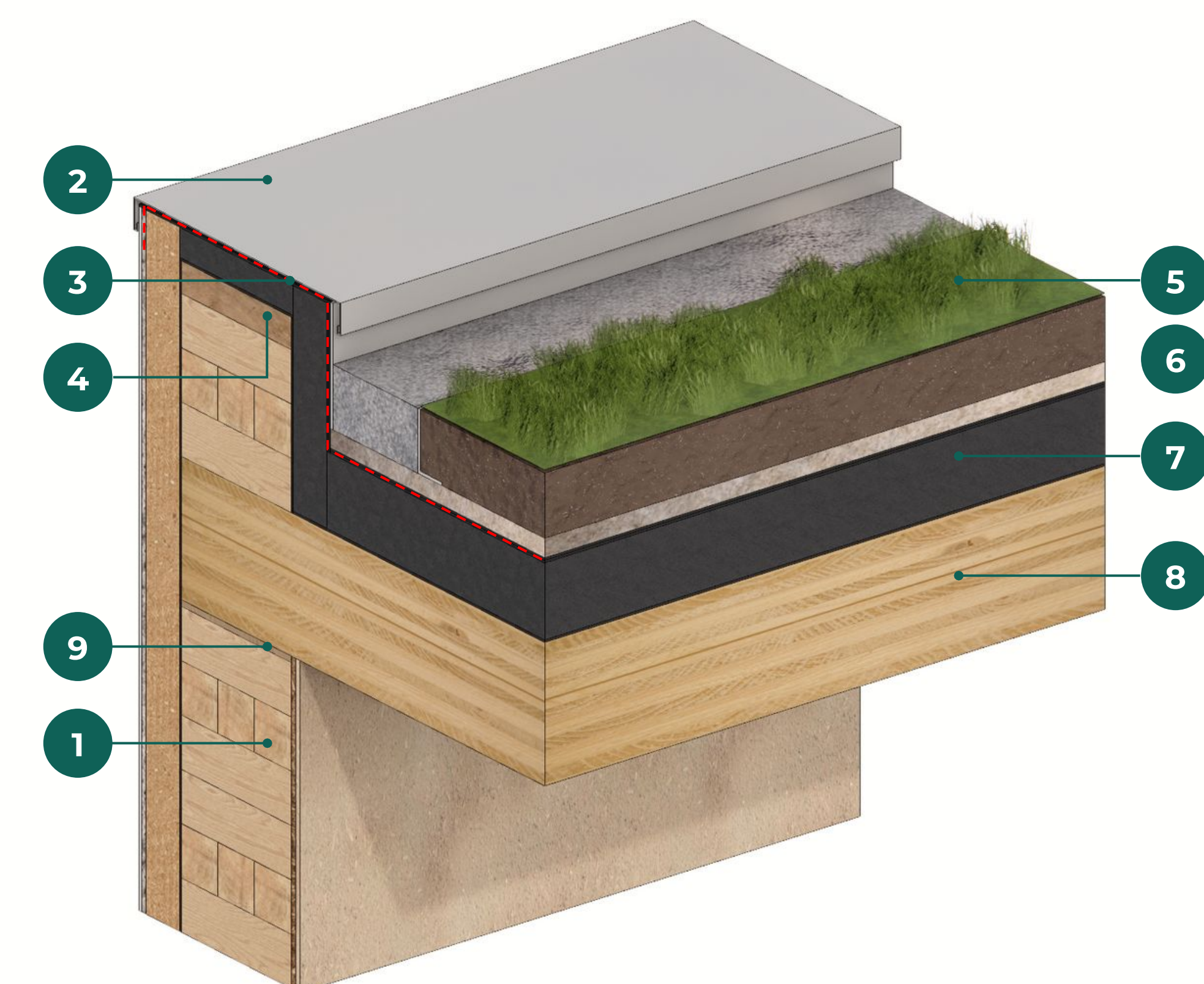
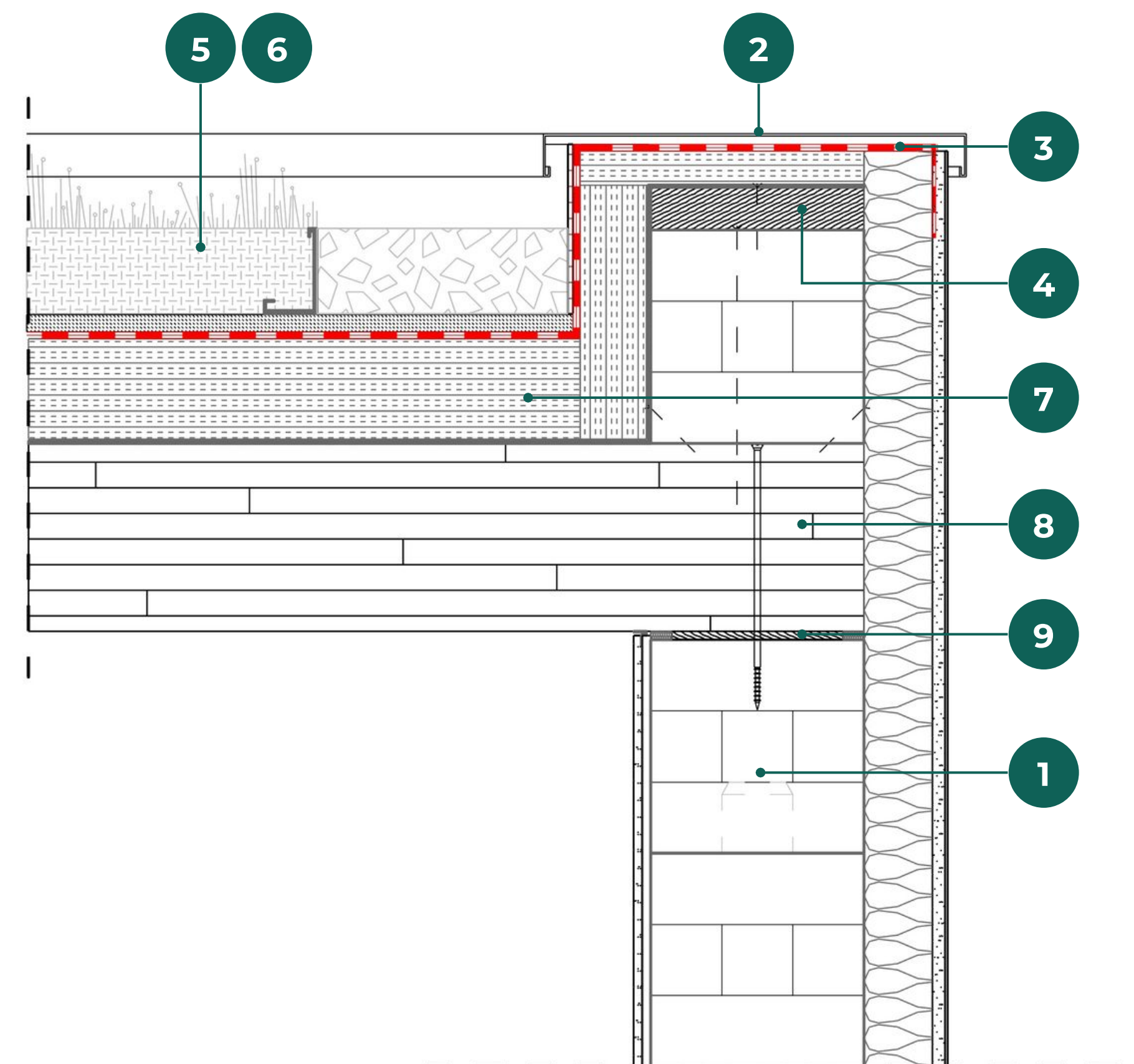
Reference number WS25_A_DE_201_F_1

Flat roof connection (green roof)

1. TRIQBRIQ wall
2. Parapet flashing
3. Waterproofing *
4. Ring beam (KVH)
5. Vegetation substrate layer
6. Drainage and water retention element
7. Foam glass board + vapour control layer
8. CLT slab, as structurally required
9. Centring batten

*Note: The DIN 18531:2025-08 series of standards applies to the waterproofing detail.

Additional materials



WS25 ROOF CONNECTION

Reference number WS25_A_DE_202_F_1

Parapet connection, roof terrace

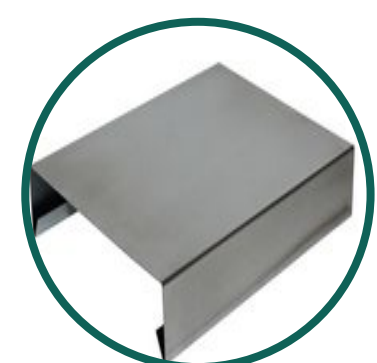
1. TRIQBRIQ wall
2. Parapet flashing
3. Waterproofing *
4. Ring beam (KVH)
5. Concrete slabs + bedding layer
6. Foam glass board + vapour control layer
7. CLT slab, as structurally required
8. Centring batten

*Note: The DIN 18531:2025-08 series of standards applies to the waterproofing detail.

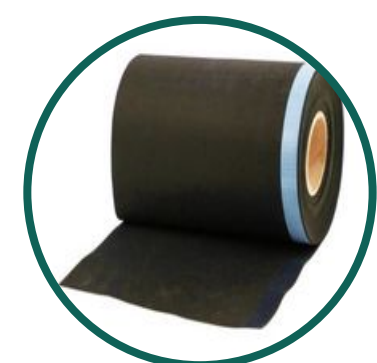
Additional materials



CLT slab



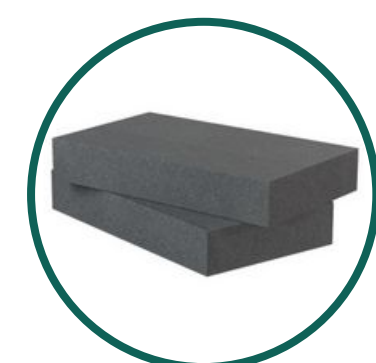
Parapet flashing



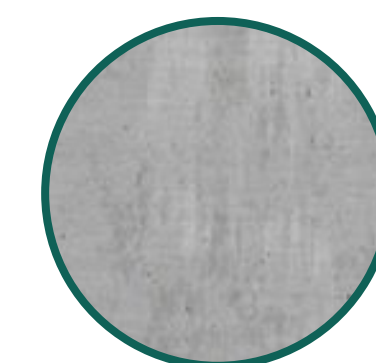
Waterproofing



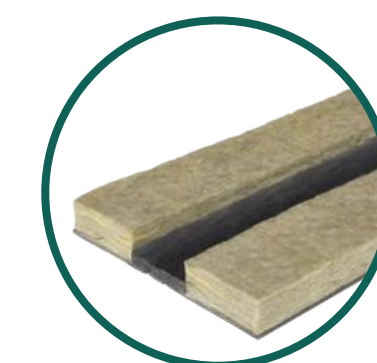
Structural solid timber



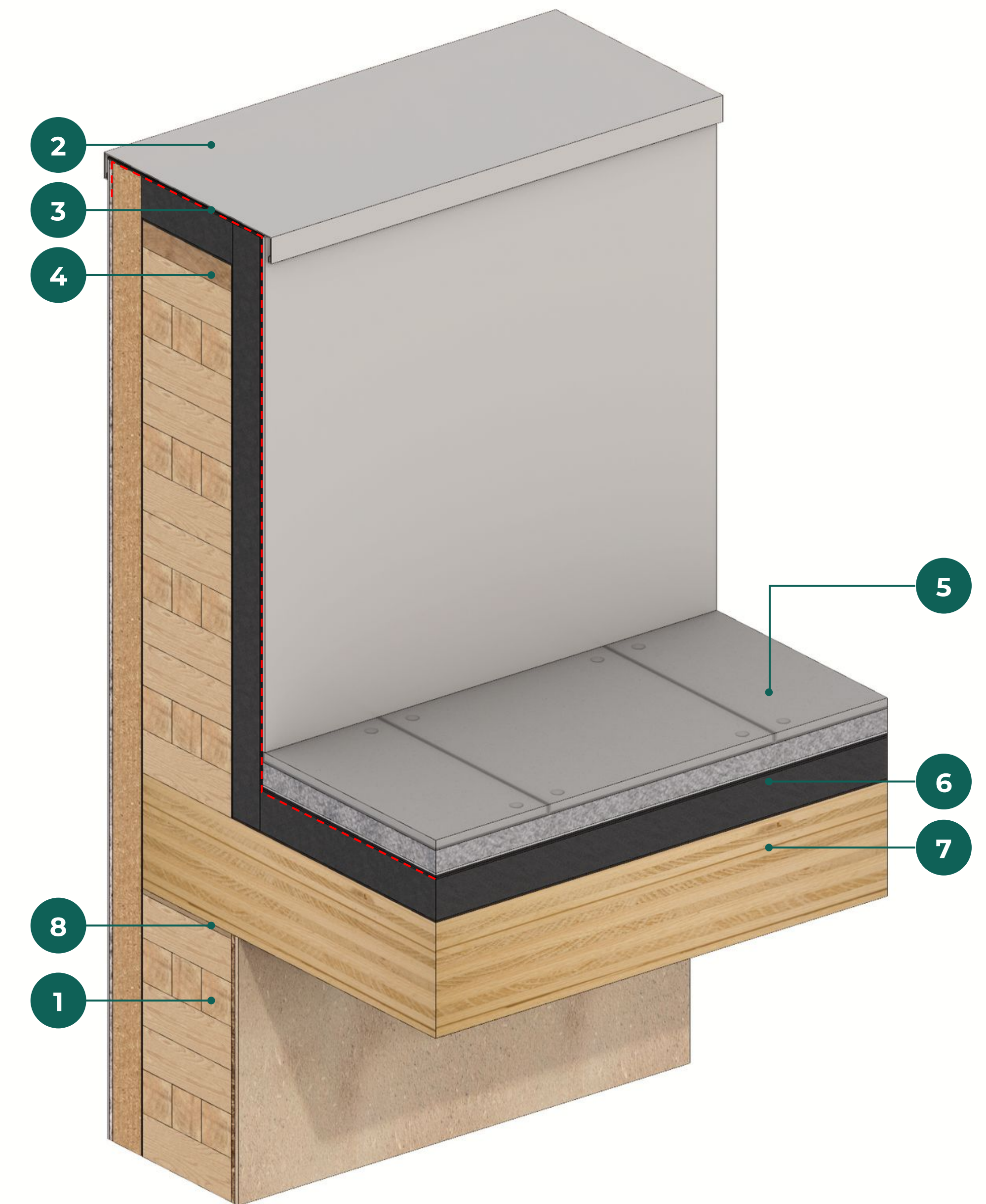
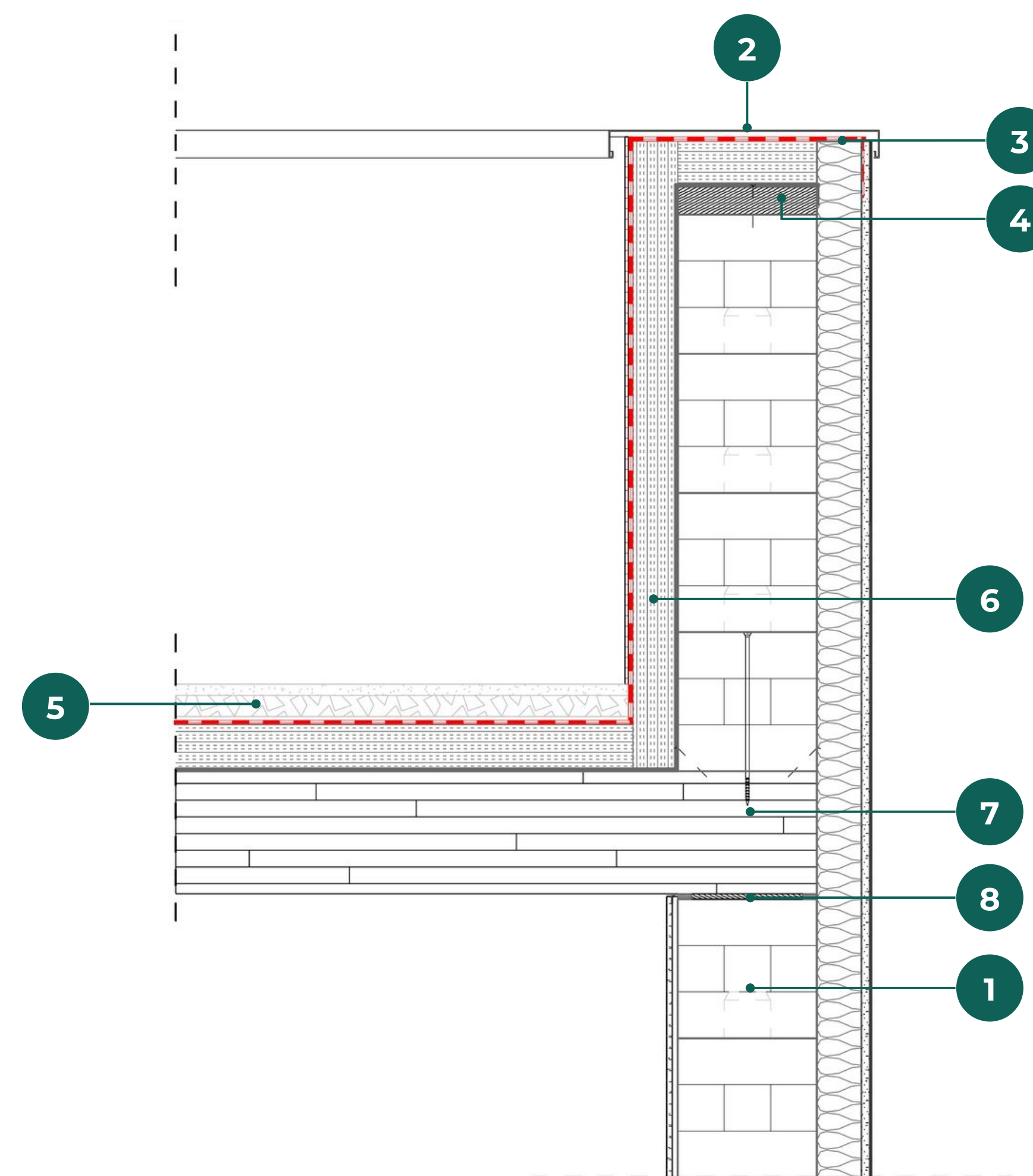
Foam glass



Concrete slabs + bedding layer



Centring batten

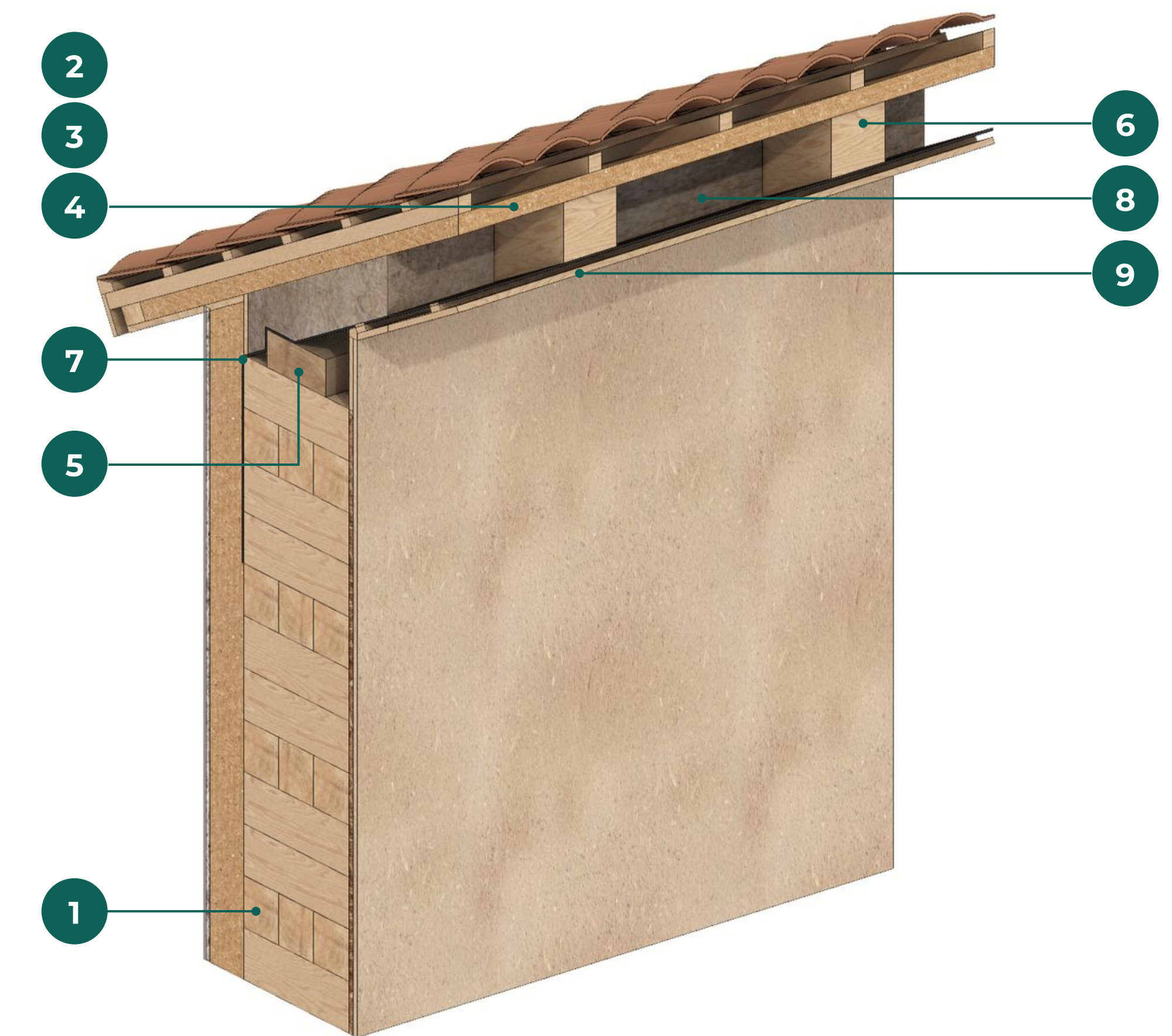
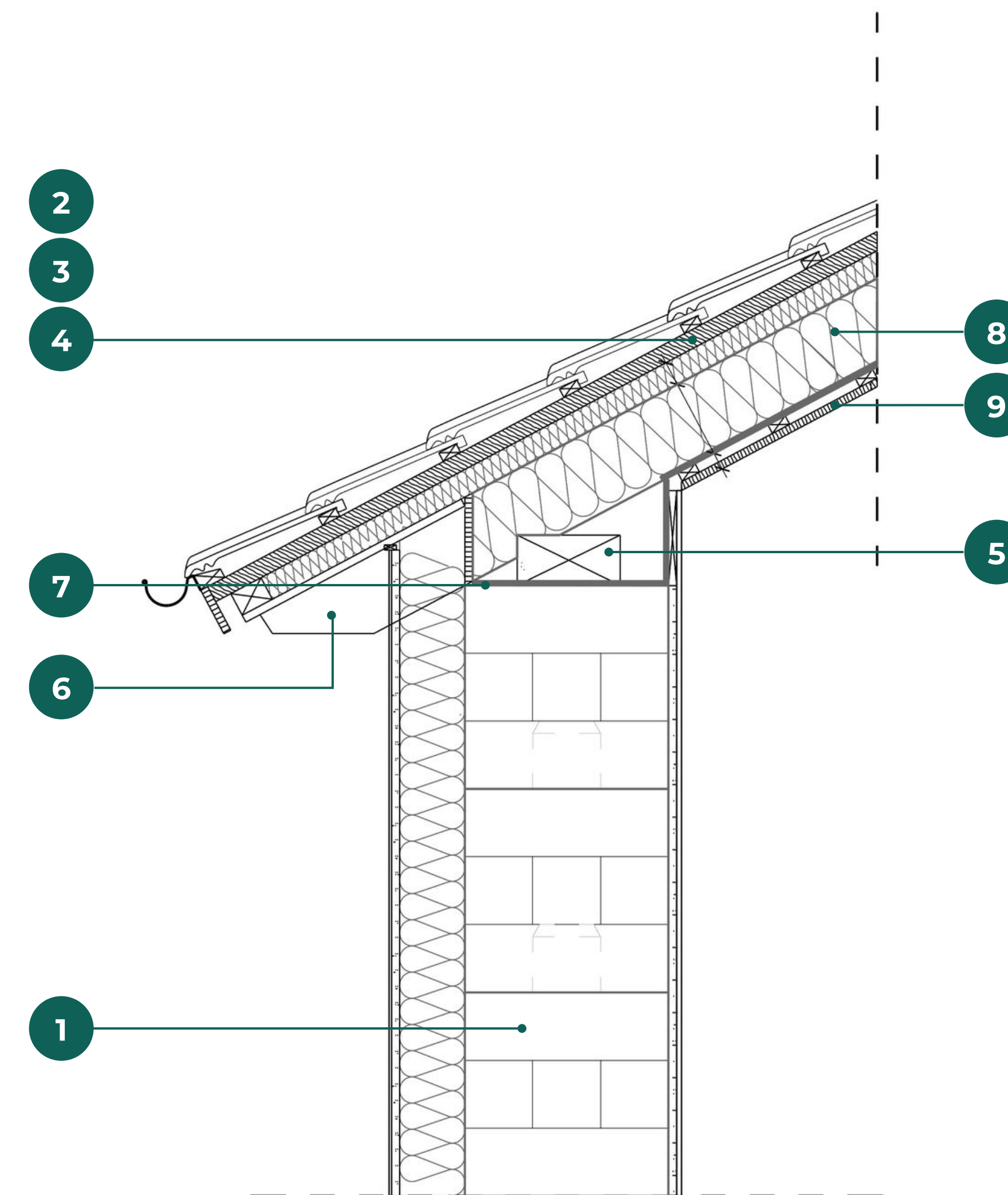


WS25 ROOF CONNECTION

Reference number WS25_A_DE_203_F_1

Mono-pitch roof connection

1. TRIQBRIQ wall
2. Roof tiles
3. Counter battens (KVH)
4. Wood fibre insulation board
5. Wall plate (KVH)
6. Rafter (KVH)
7. Vapour control paper
8. Insulation (e.g. stone wool)
9. Timber cladding



Additional materials



Roof tiles



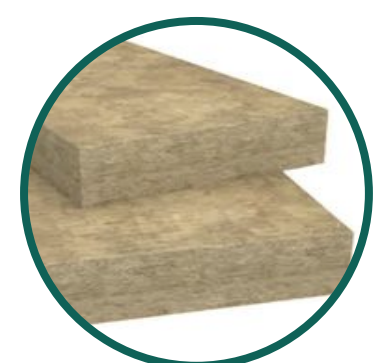
Structural solid timber



Wood fibre insulation board



Vapour control paper



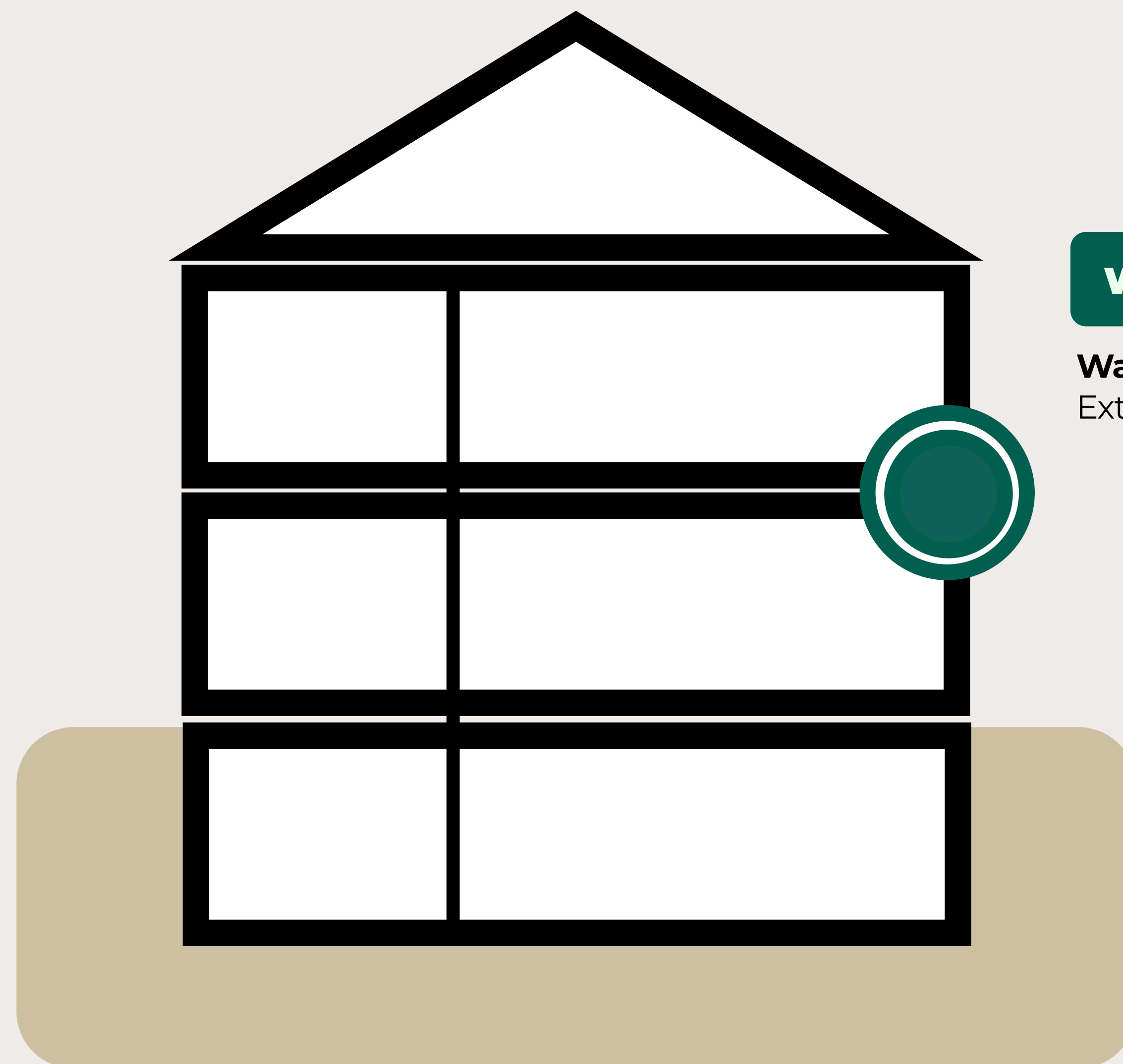
Insulation (e.g. stone wool)



Timber cladding

WS25

EXTERNAL WALL CONNECTION



WALL CONNECTIONS

Wall build-ups & slab connections
External wall connections & openings

From the slab bearing to the floor-to-ceiling window: TRIQBRIQ offers well-thought-out connection details for every external wall situation.

WS25

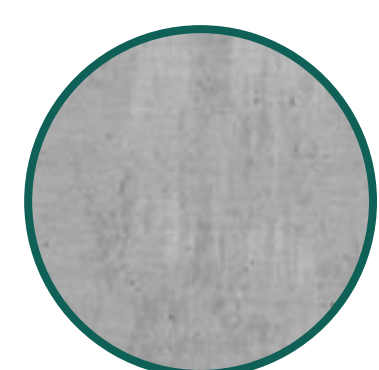
EXTERNAL WALL CONNECTION

Reference number WS25_A_DE_301_F_1

External wall connection to concrete slab with PE sheet as moisture protection (during construction)

1. TRIQBRIQ wall
2. Angle connector, as structurally required
3. PE sheet, min. 0.2 mm, overlap with taped joints
4. Decoupling strip
5. Reinforced concrete slab, as structurally required
6. Centring batten
7. Example façade build-up

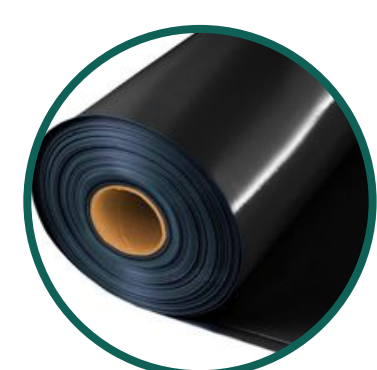
Additional materials



Concrete



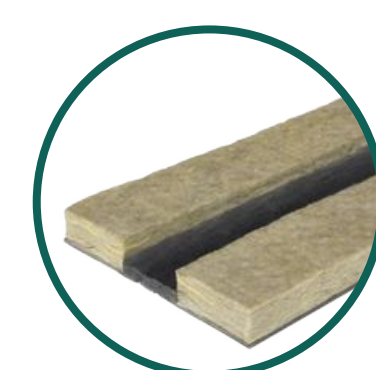
Angle connector



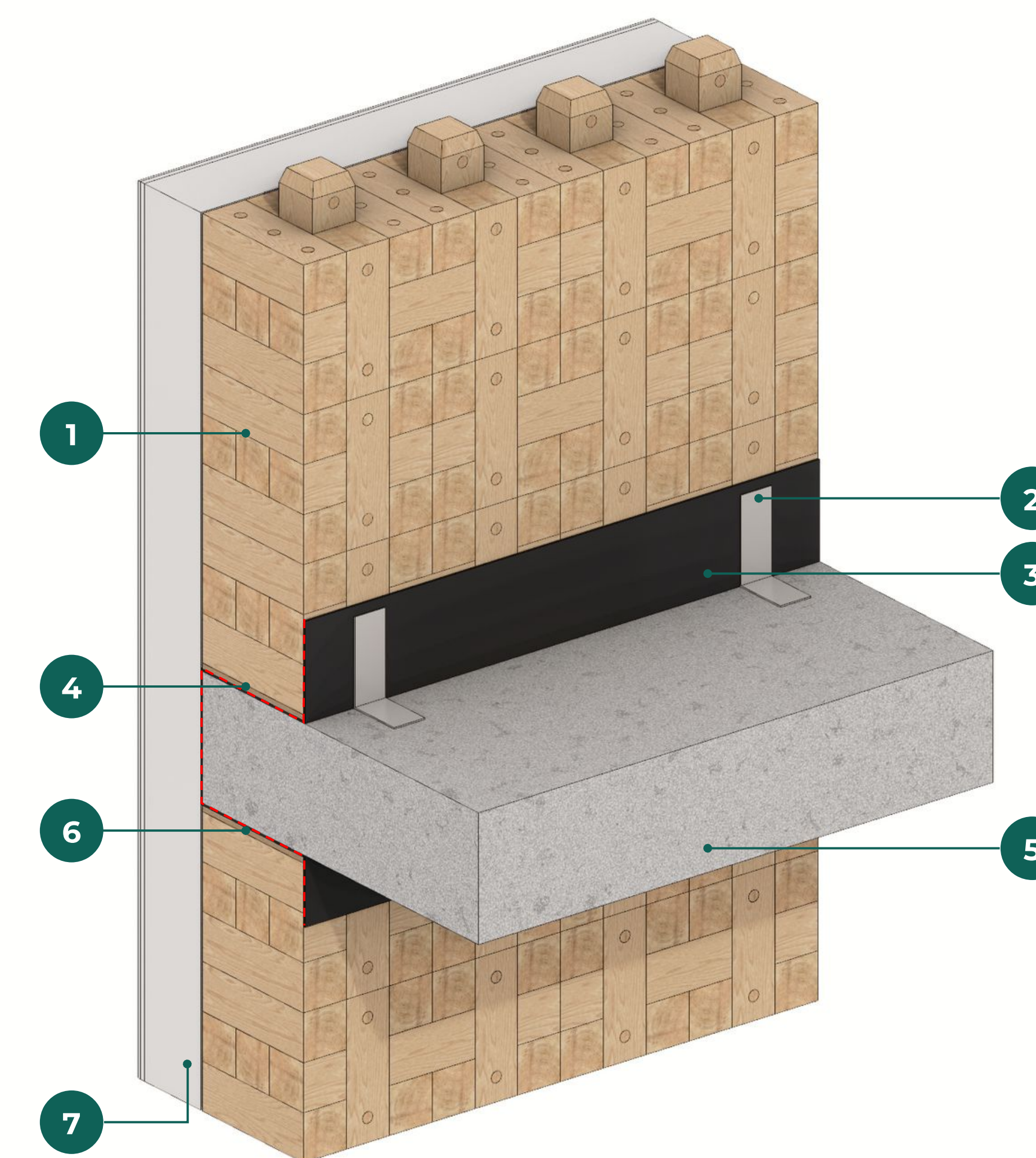
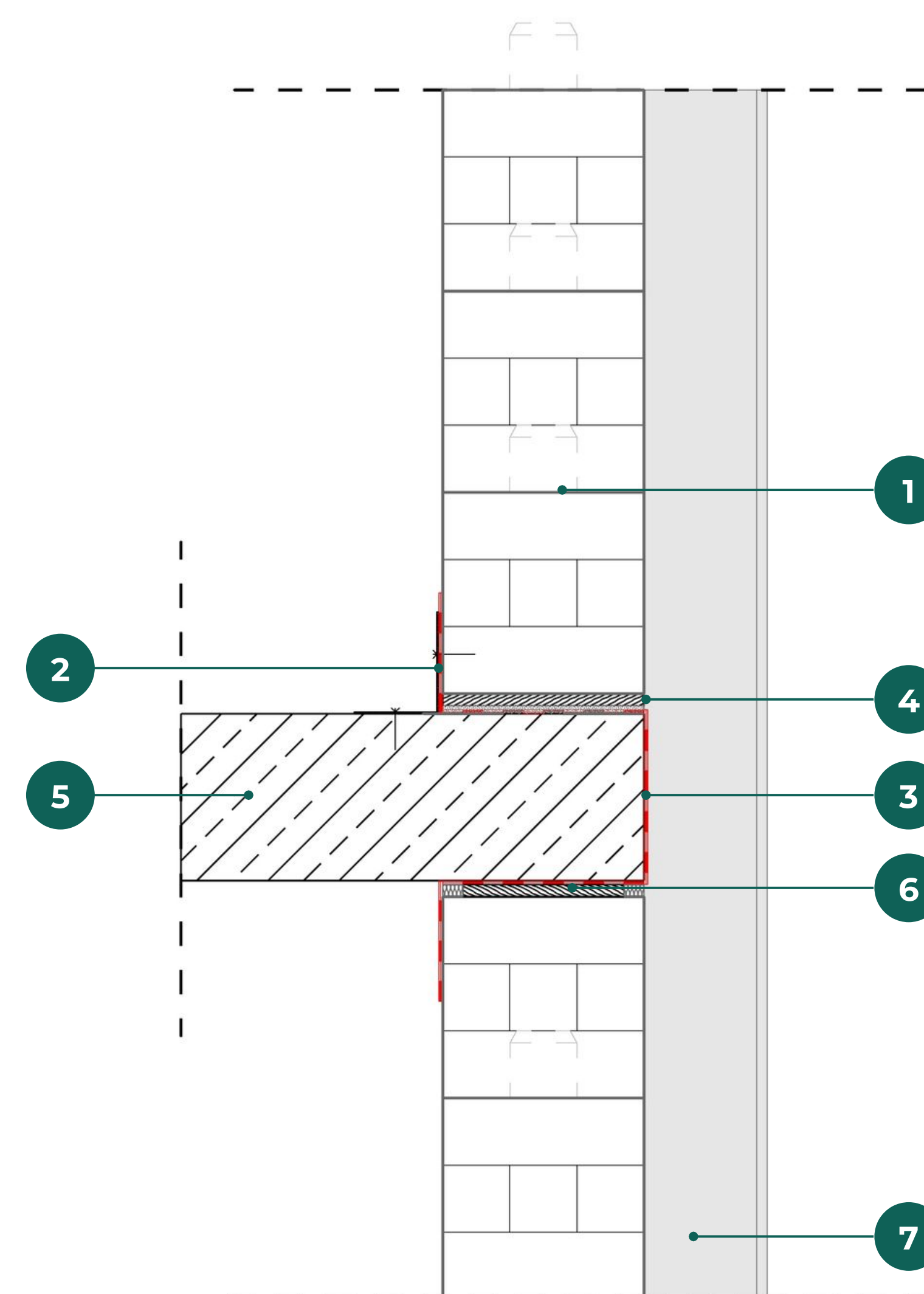
PE sheet



Decoupling strip



Centring batten



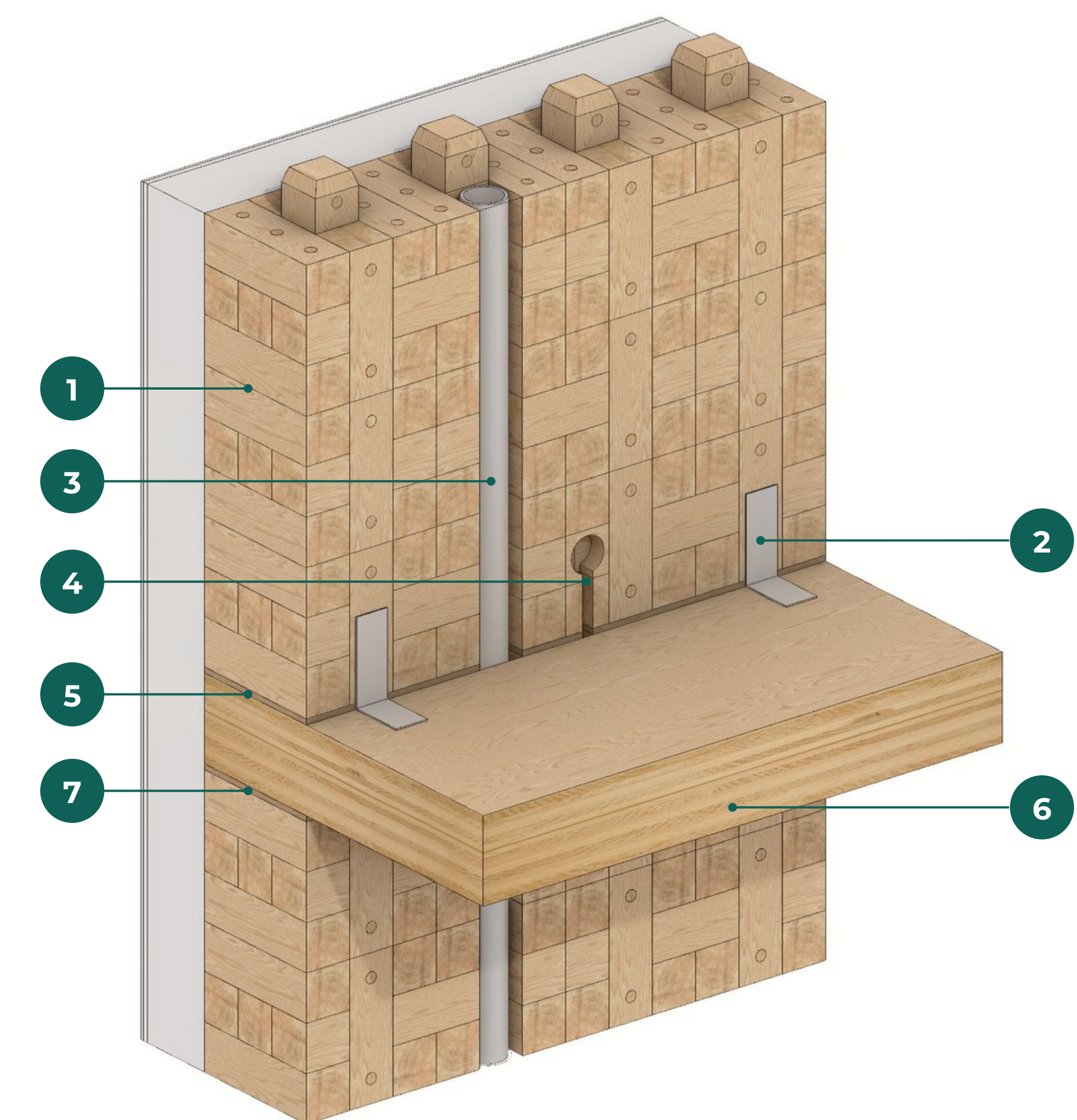
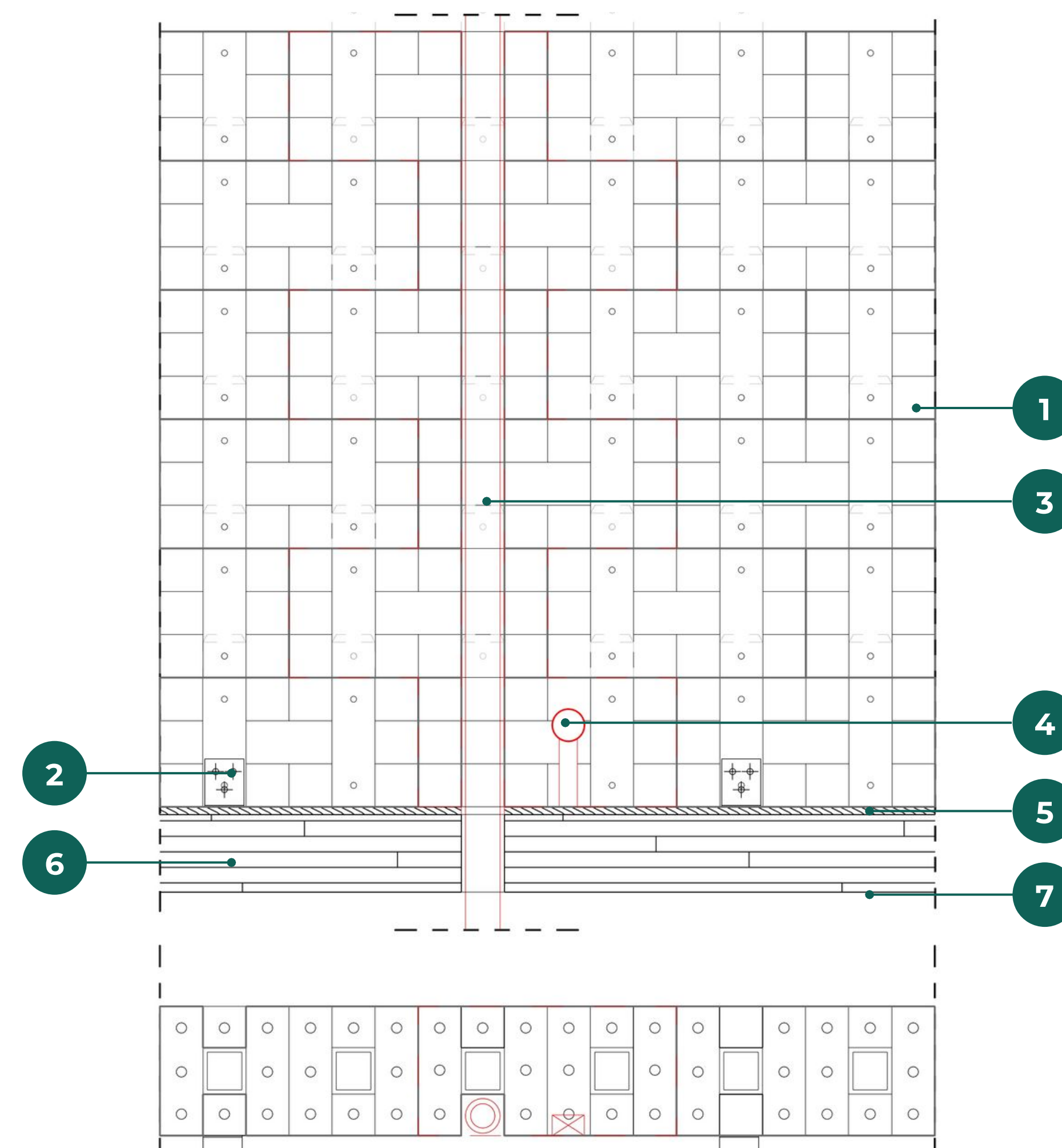
WS25

EXTERNAL WALL CONNECTION

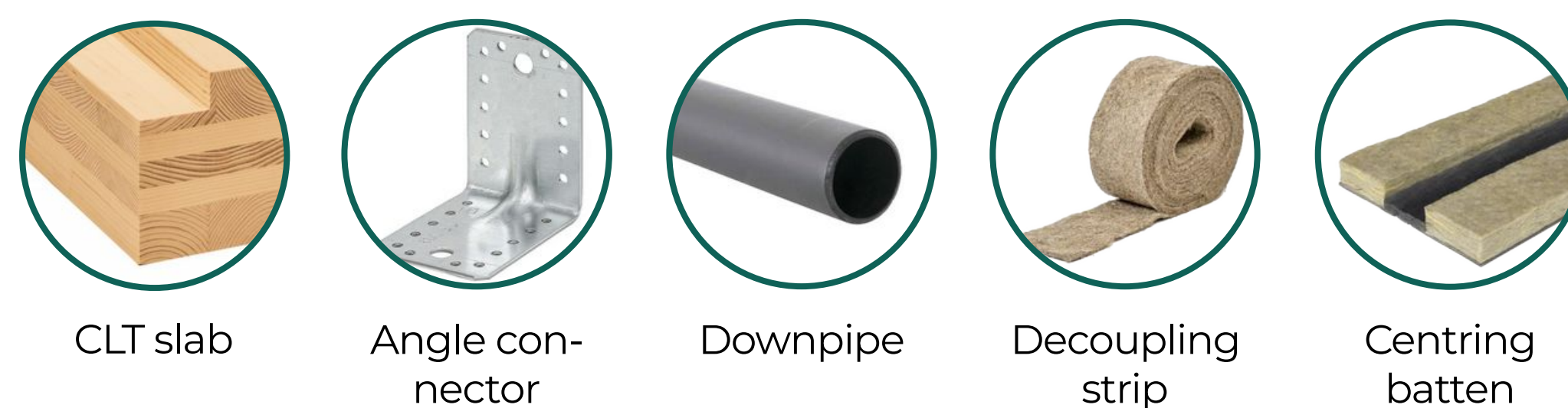
Reference number WS25_A_DE_302_F_1

Service routing

1. TRIQBRIQ wall
2. Angle connector, as structurally required
3. Pipe routing (special block WS25B50VSmZ)
4. Chase
5. Decoupling strip
6. CLT slab, as structurally required
7. Centring batten



Additional materials



WS25

EXTERNAL WALL CONNECTION

Reference number WS25_A_DE_303_F_1

KVH or steel lintel for opening widths ≤ 2.00 m or ≥ 3.50 m, within the modular grid

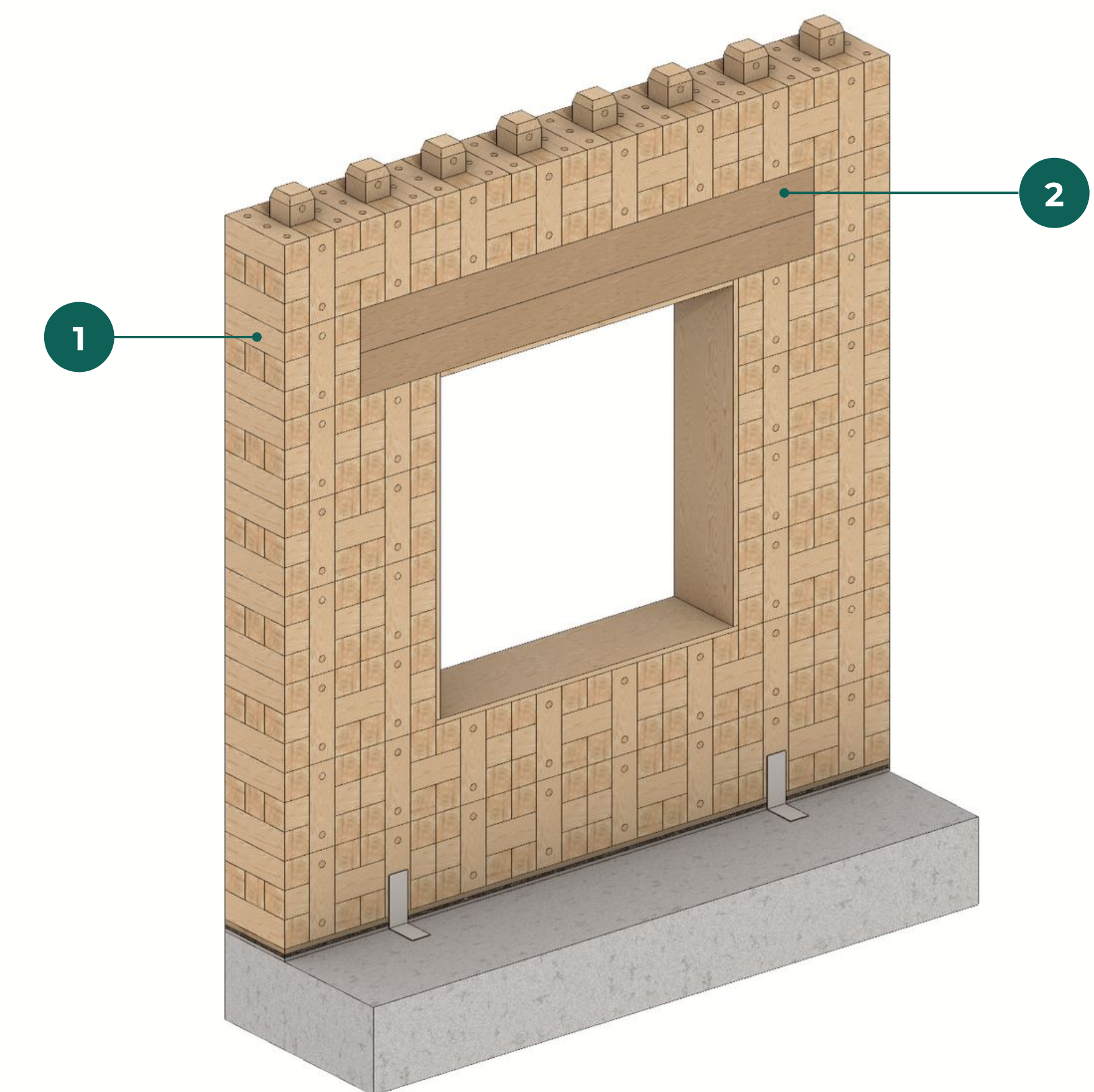
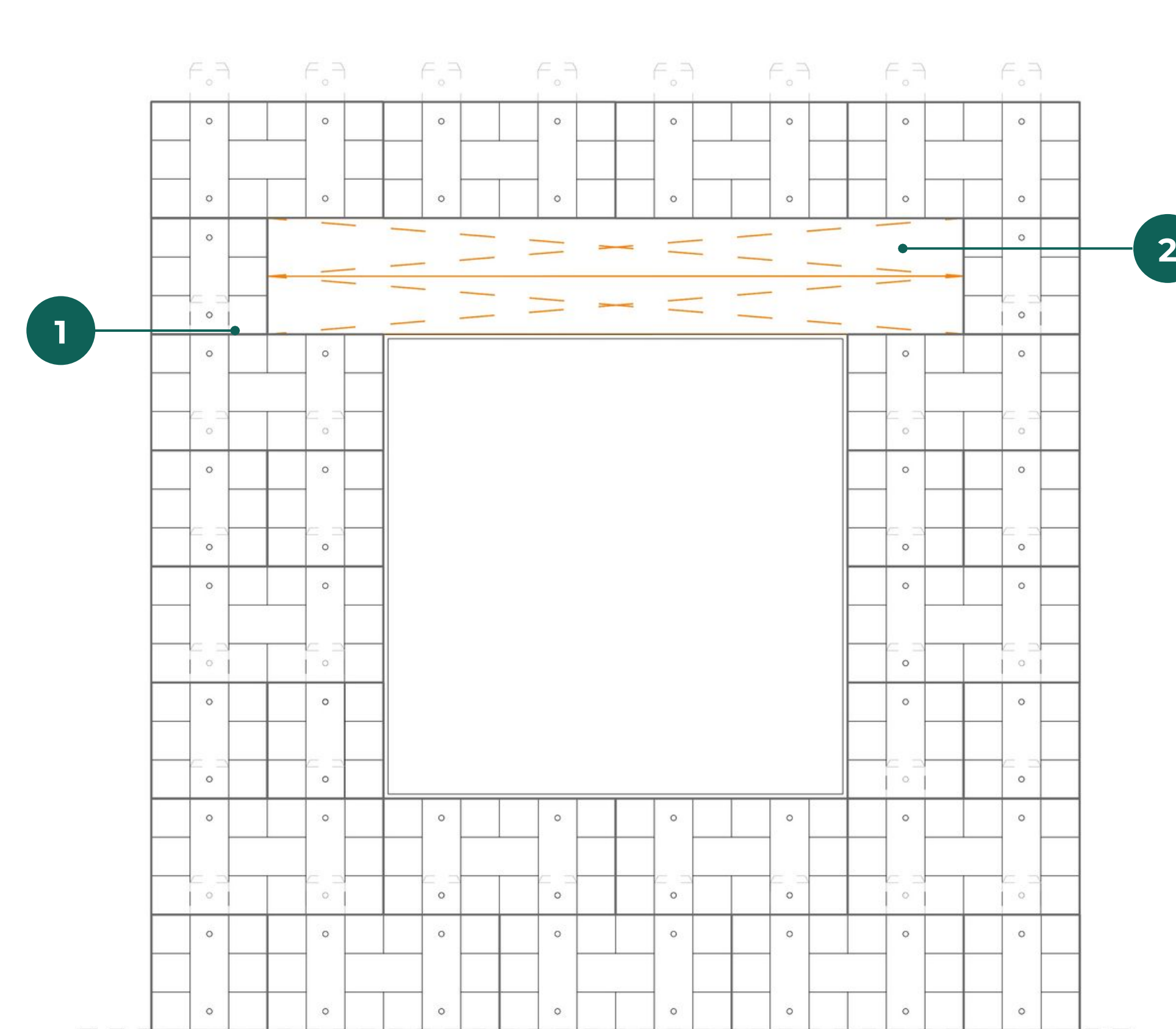
1. TRIQBRIQ wall
2. KVH or steel lintel, at least 25 cm overlap on each side

Additional materials



Structural solid timber

Steel lintel



WS25

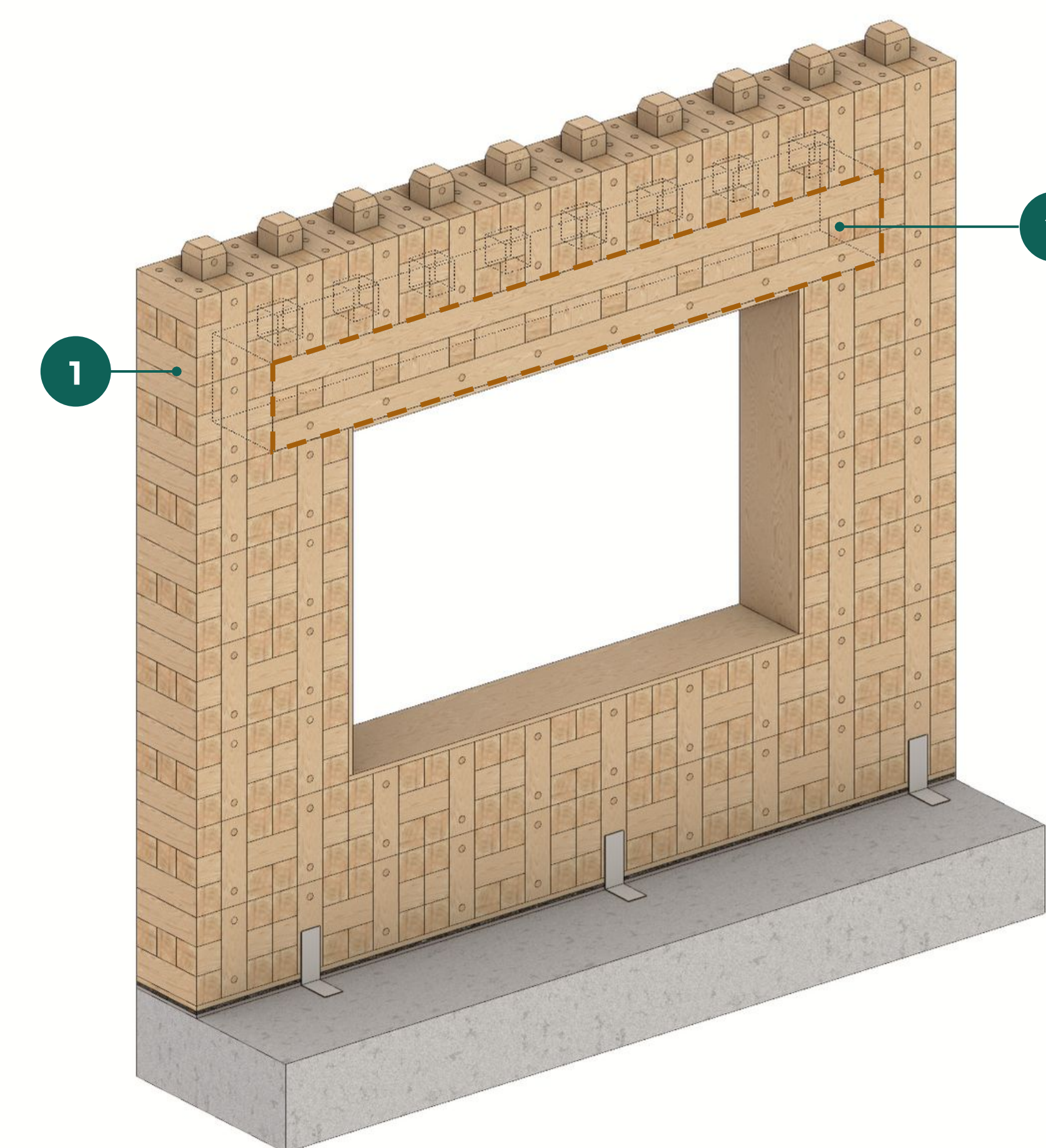
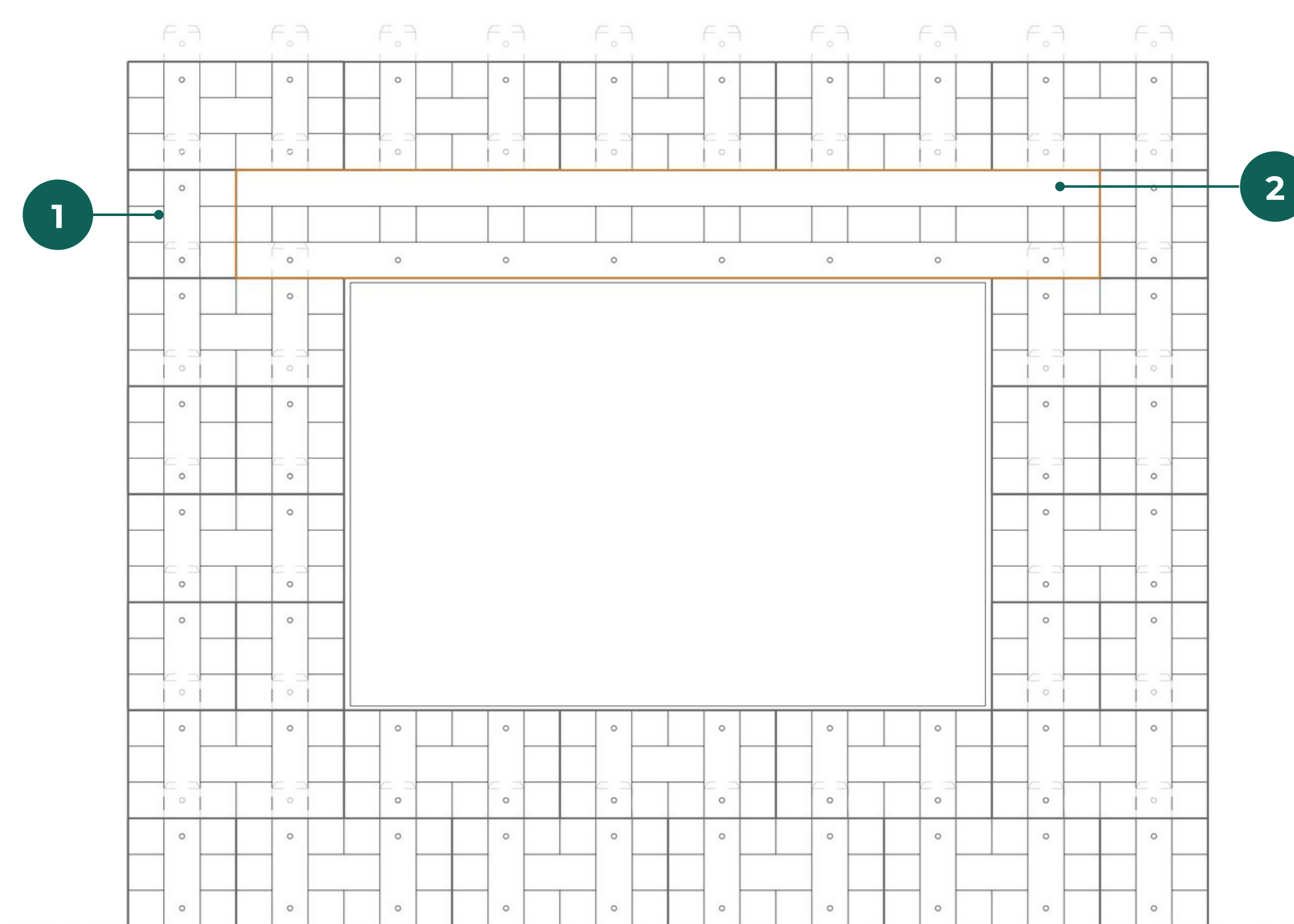
EXTERNAL WALL CONNECTION

Reference number WS25_A_DE_304_F_1

TRIQBRIQ lintel element
WS25B200B, within the
modular grid

1. TRIQBRIQ wall
2. TRIQBRIQ lintel element, 2.00 m *,
at least 25 cm overlap on each side

* Note: TRIQBRIQ lintel elements are available in lengths
of 2.00 m and 4.00 m



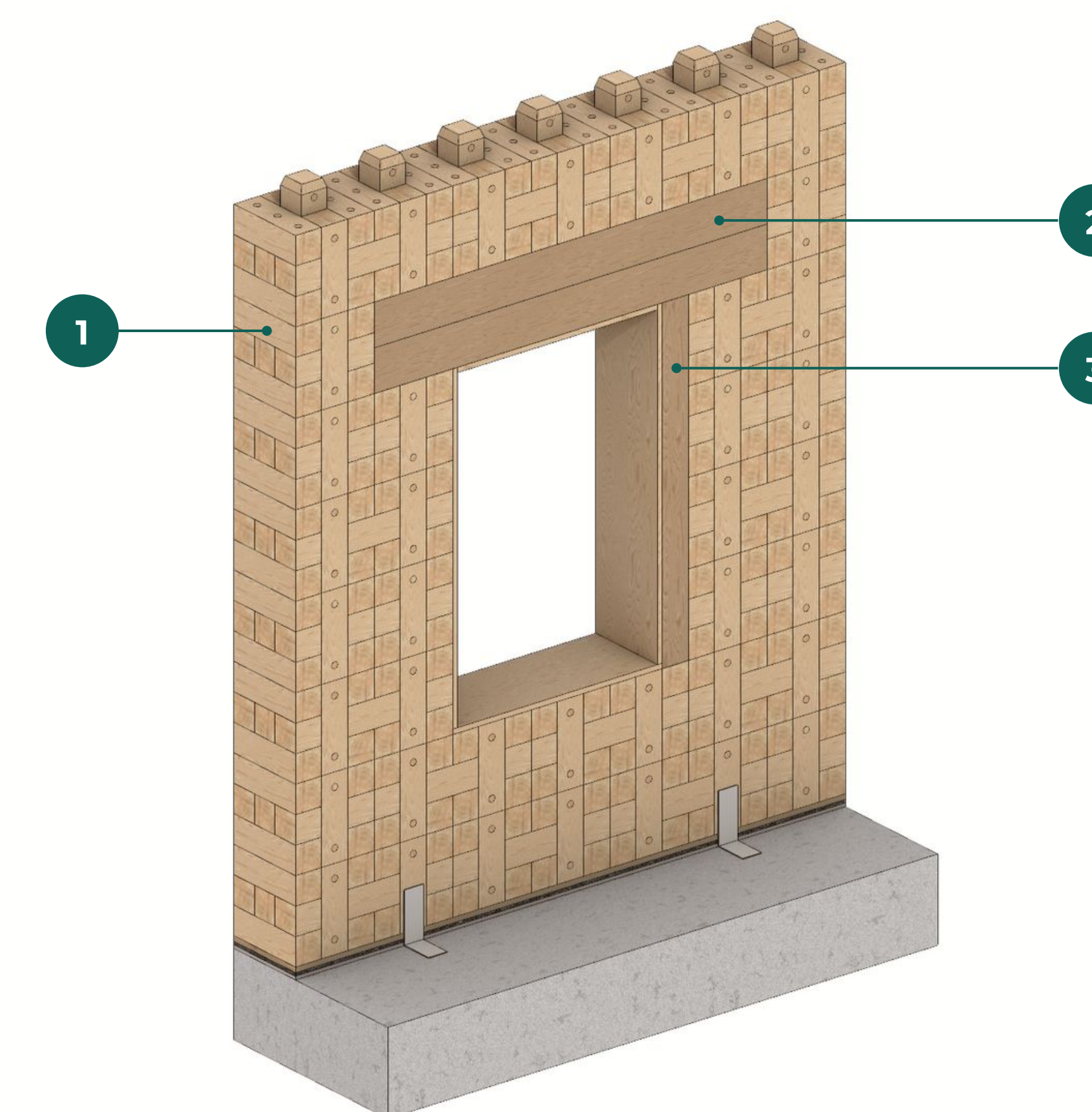
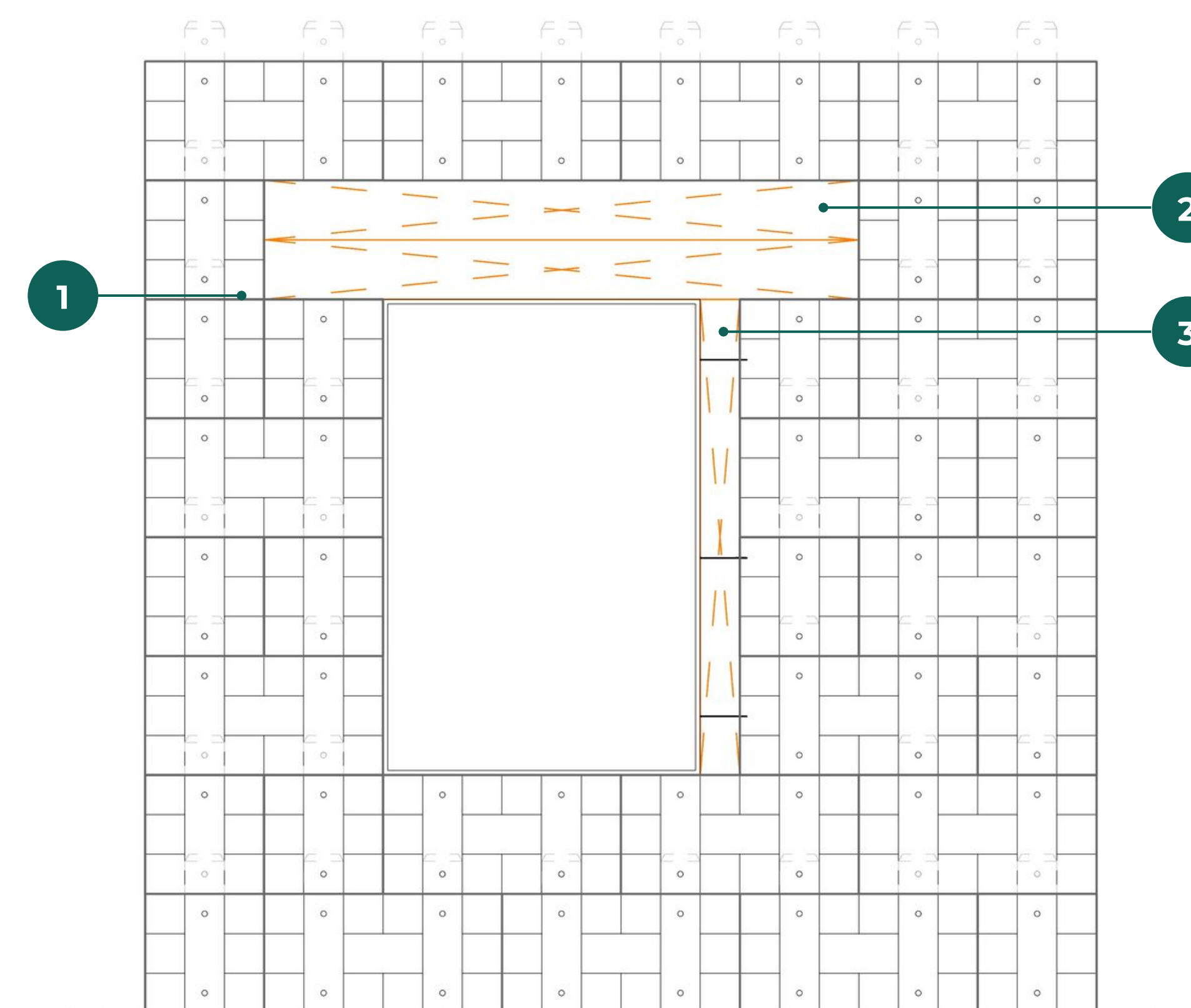
WS25

EXTERNAL WALL CONNECTION

Reference number WS25_A_DE_305_F_1

KVH or steel lintel outside the modular grid

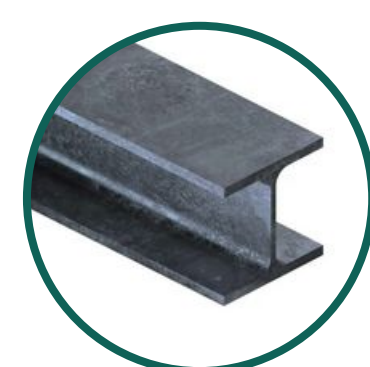
1. TRIQBRIQ wall
2. KVH or steel lintel, at least 25 cm overlap on each side
3. Packing profile (KVH)



Additional materials



Structural solid timber



Steel lintel

WS25

EXTERNAL WALL CONNECTION

Reference number WS25_A_DE_306_F_1

Door opening with KVH or steel lintel, outside the modular grid

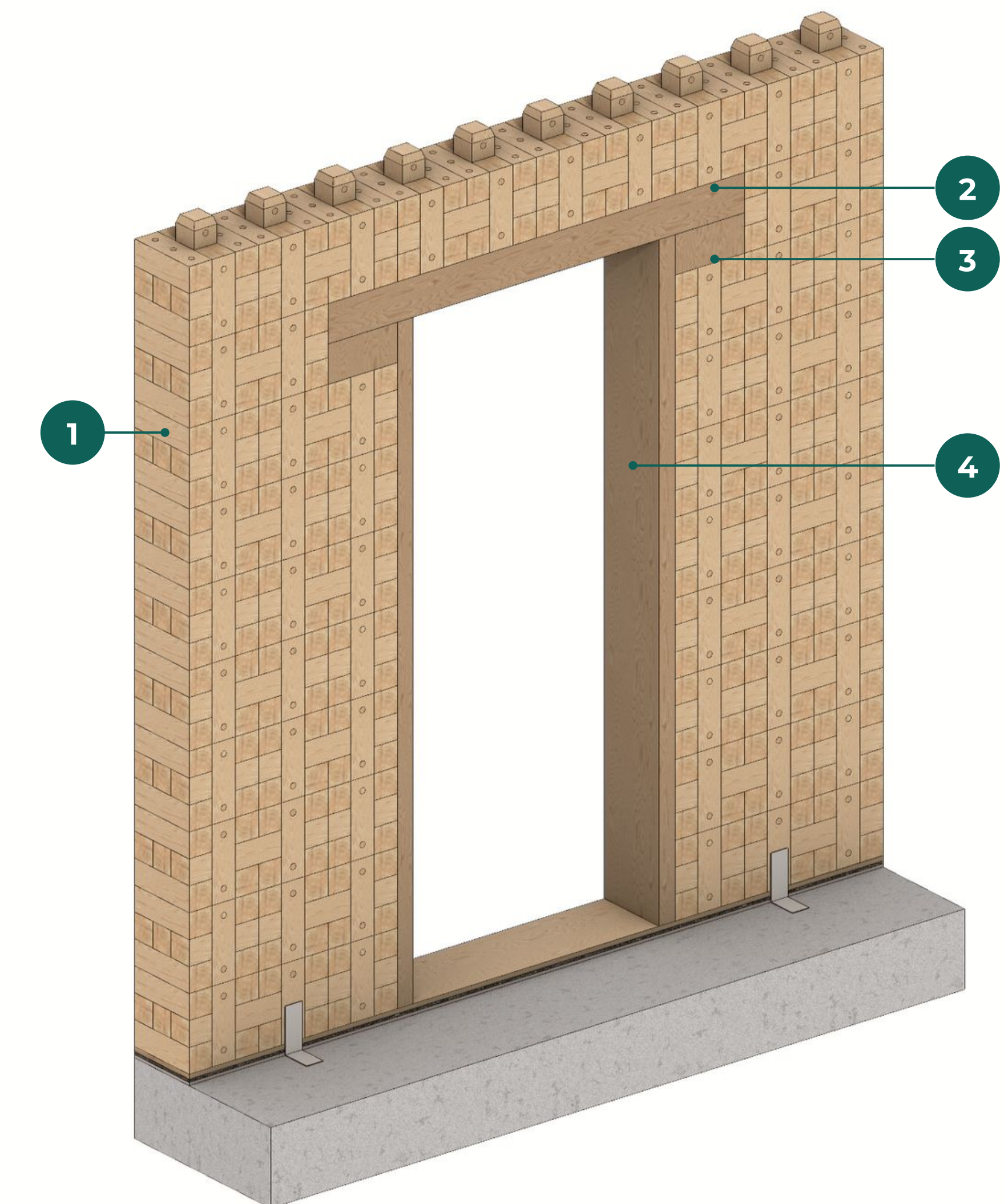
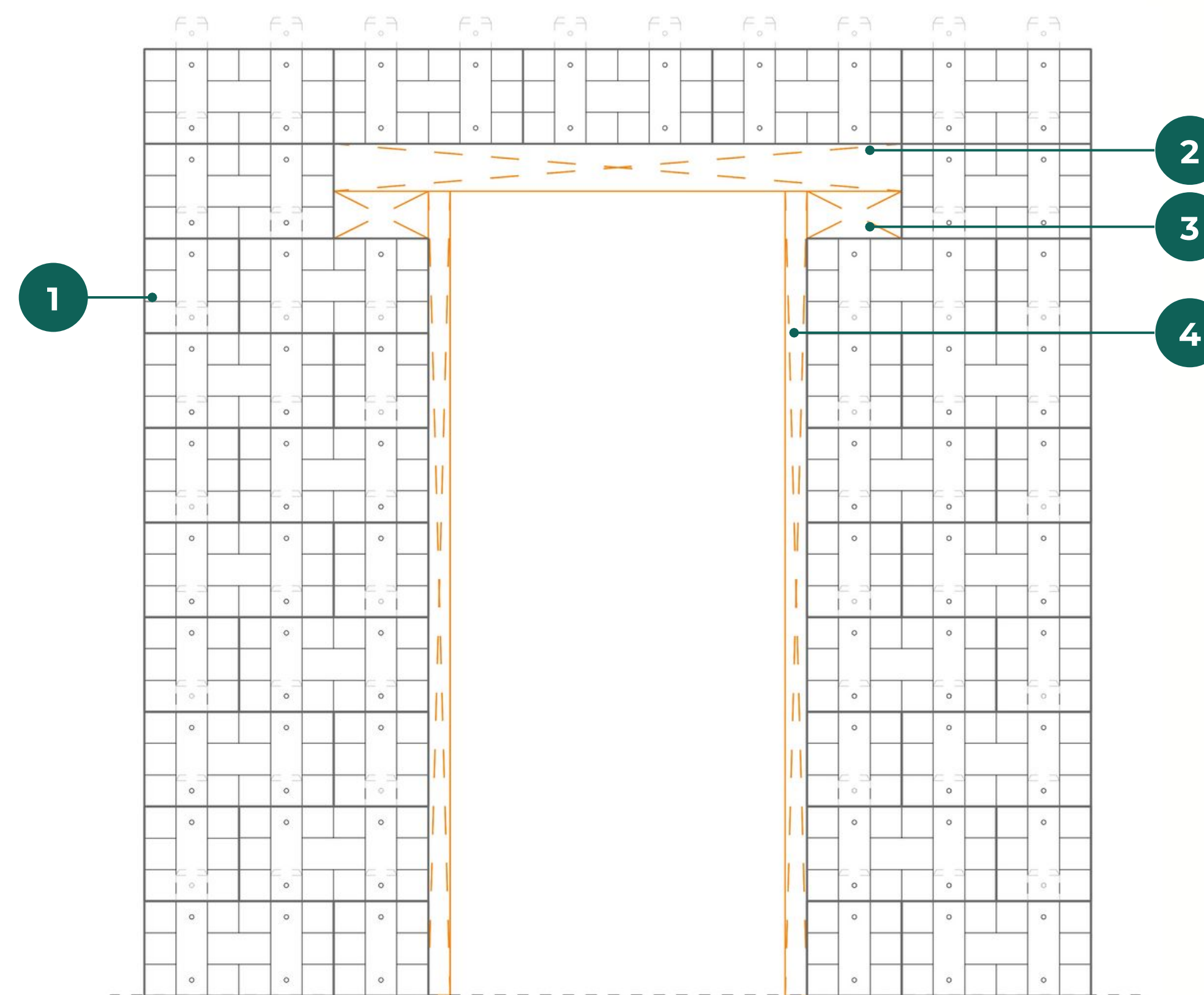
1. TRIQBRIQ wall
2. KVH or steel lintel, at least 25 cm overlap on each side
3. Packing on the TRIQBRIQ WS25 end faces (KVH/steel)
4. Packing profile (KVH)

Additional materials



Structural solid timber

Steel lintel



WS25

EXTERNAL WALL CONNECTION

Reference number WS25_A_DE_307_F_1

Window connection

1. TRIQBRIQ wall
2. TRIQBRIQ lintel element, at least 25 cm overlap on each side
3. Airtight membrane
4. Roller shutter box
5. Window
6. Joint sealing tape (pre-compressed)
7. Window reveal (sheet metal)
8. Window sill (KVH)

Additional materials



Airtight membrane



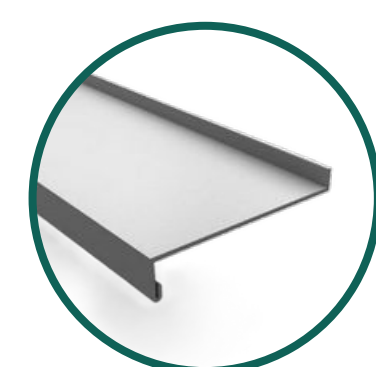
Roller shutter box



Window



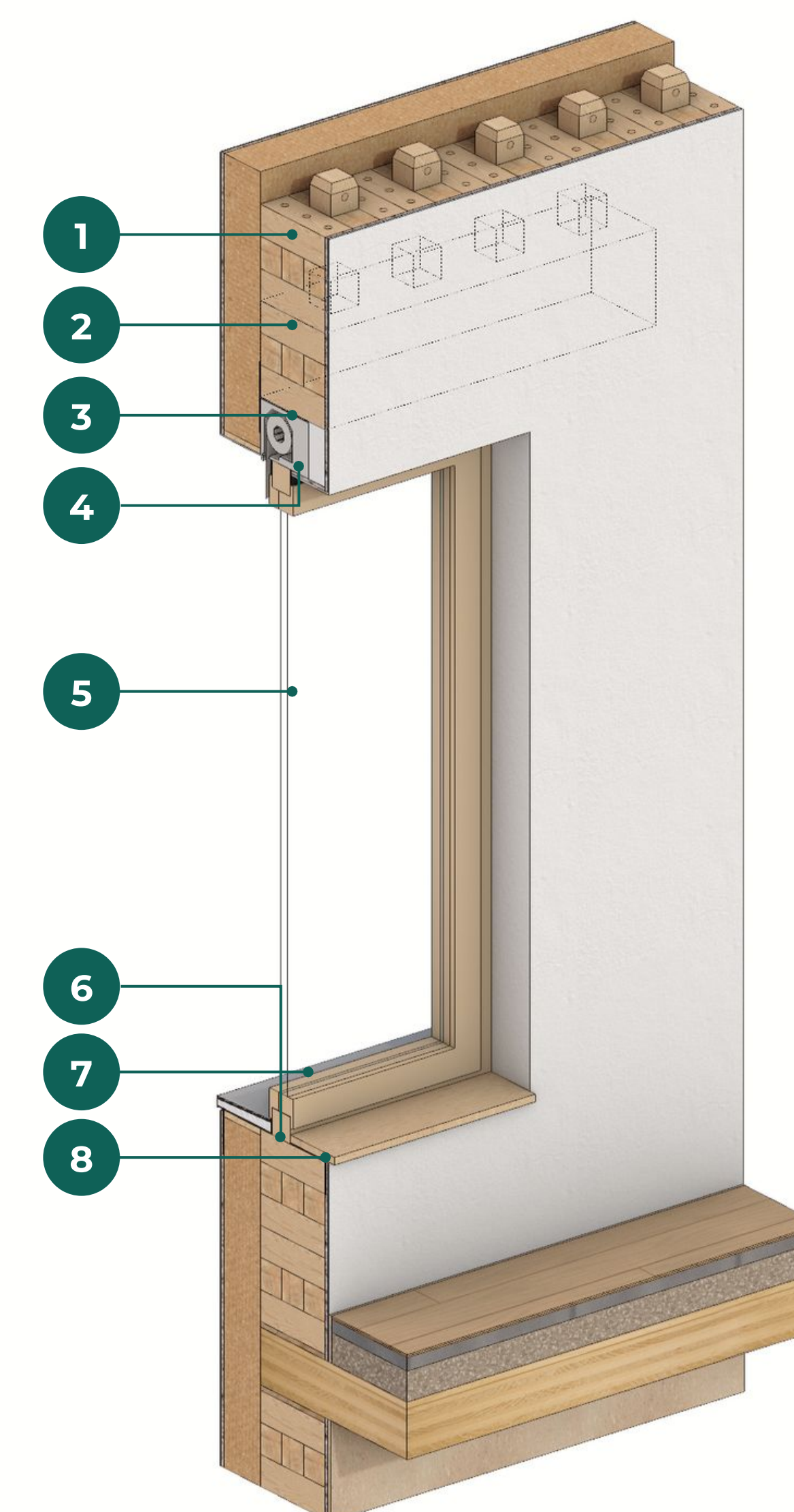
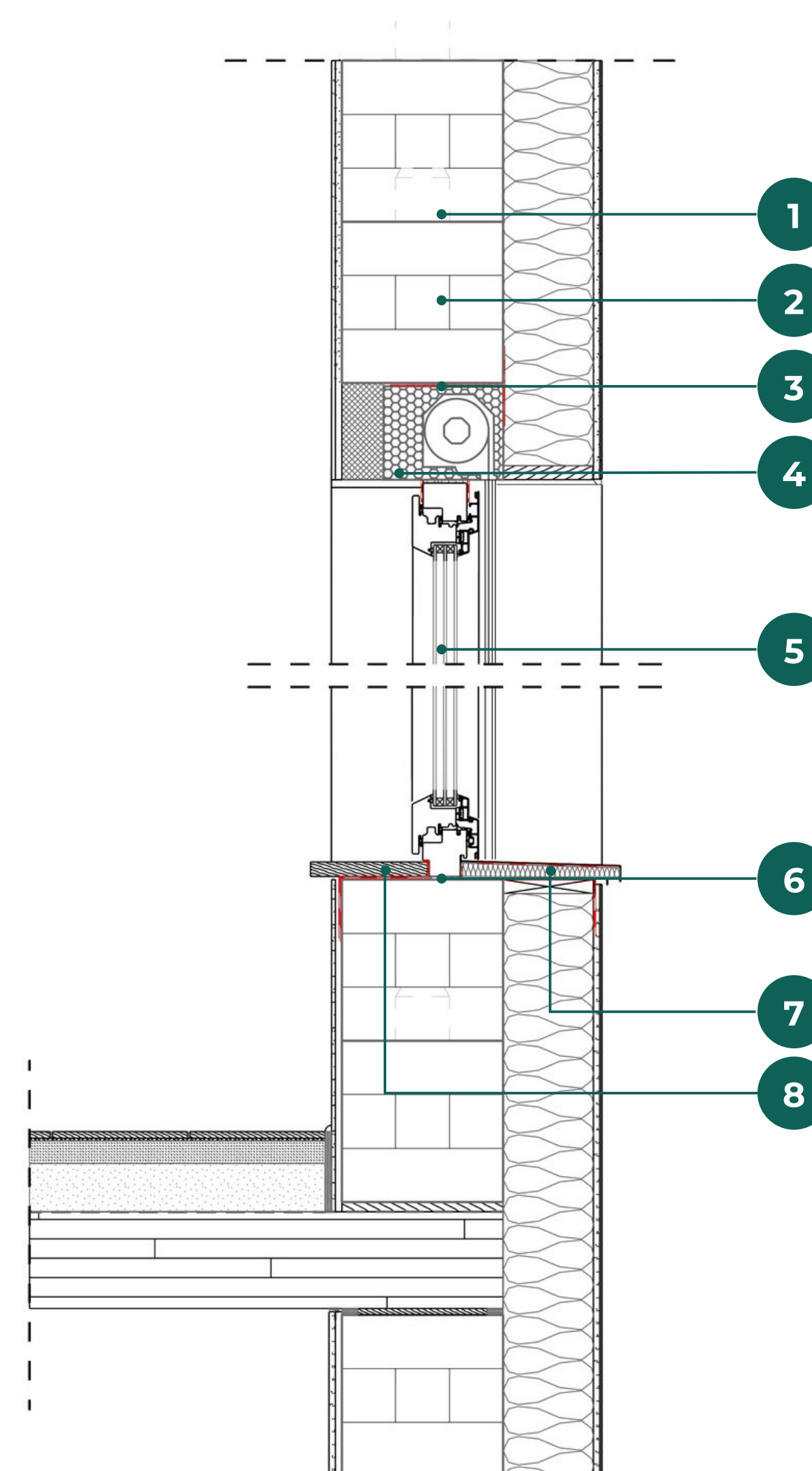
Joint sealing tape



Window reveal



Window sill



WS25

EXTERNAL WALL CONNECTION

Reference number WS25_A_DE_308_F_1

Floor-to-ceiling window connection

1. TRIQBRIQ wall
2. TRIQBRIQ lintel element, at least 25 cm overlap on each side
3. Airtight membrane
4. Window
5. Joint sealing tape (pre-compressed)
6. Window reveal (sheet metal)

Additional materials



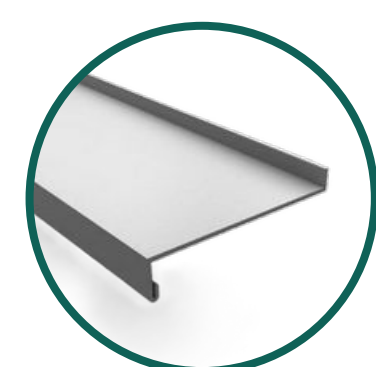
Airtight membrane



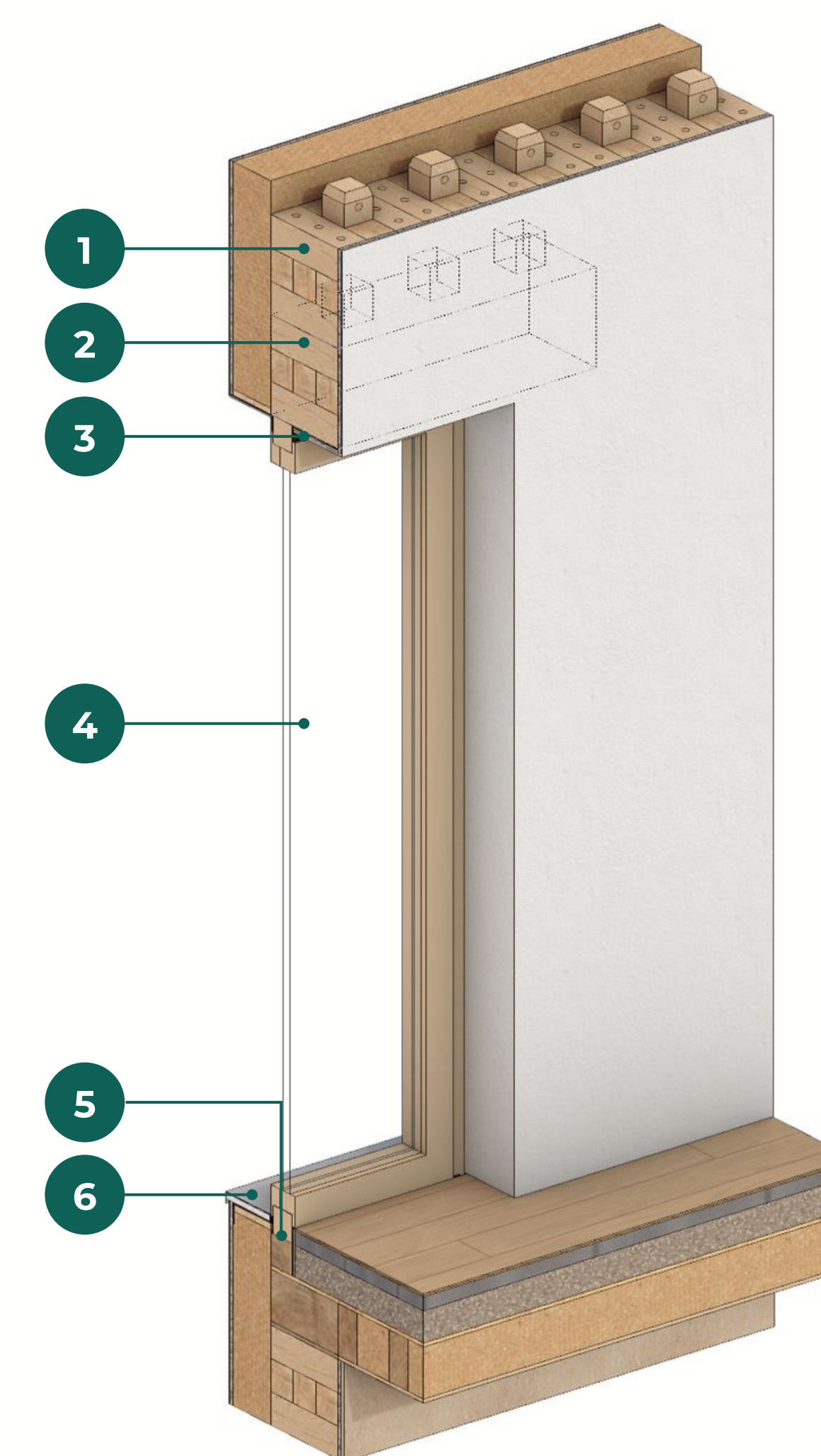
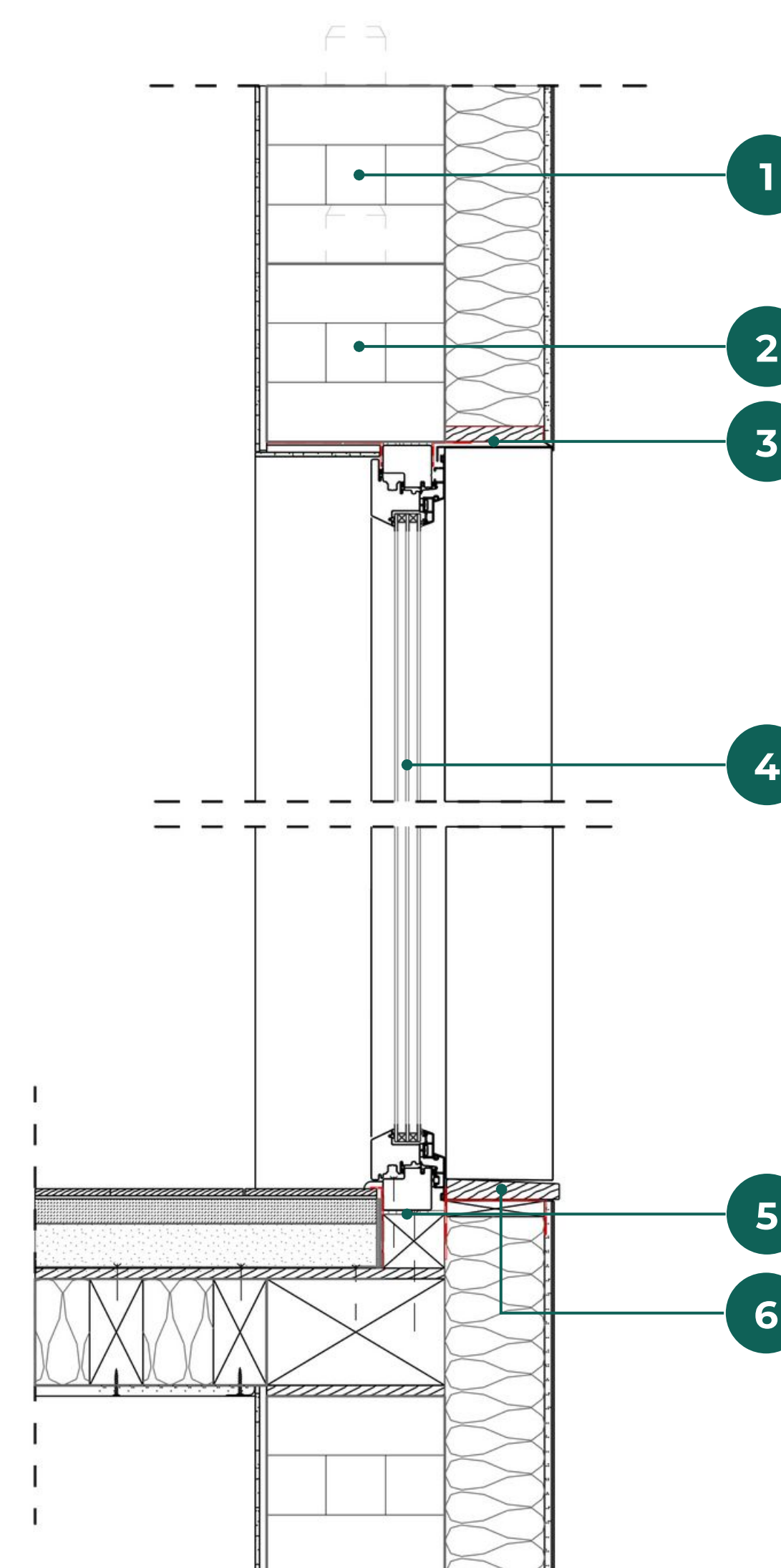
Window



Joint sealing tape



Window reveal



WS25

EXTERNAL WALL CONNECTION

Reference number WS25_A_DE_309_F_1

Terrace door connection

1. TRIQBRIQ wall
2. TRIQBRIQ lintel element, at least 25 cm overlap on each side
3. Airtight membrane
4. Terrace door / window
5. Joint sealing tape (pre-compressed)
6. Pressure-resistant insulation
7. Channel + grating

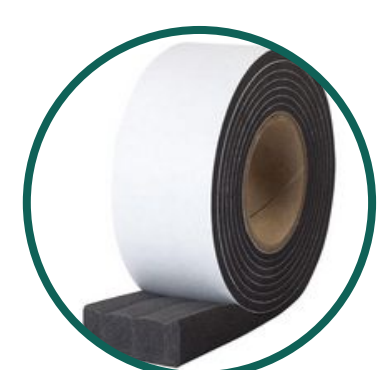
Additional materials



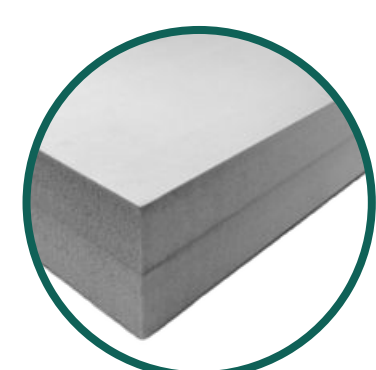
Airtight membrane



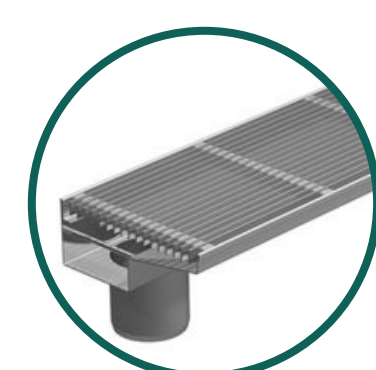
Door/window



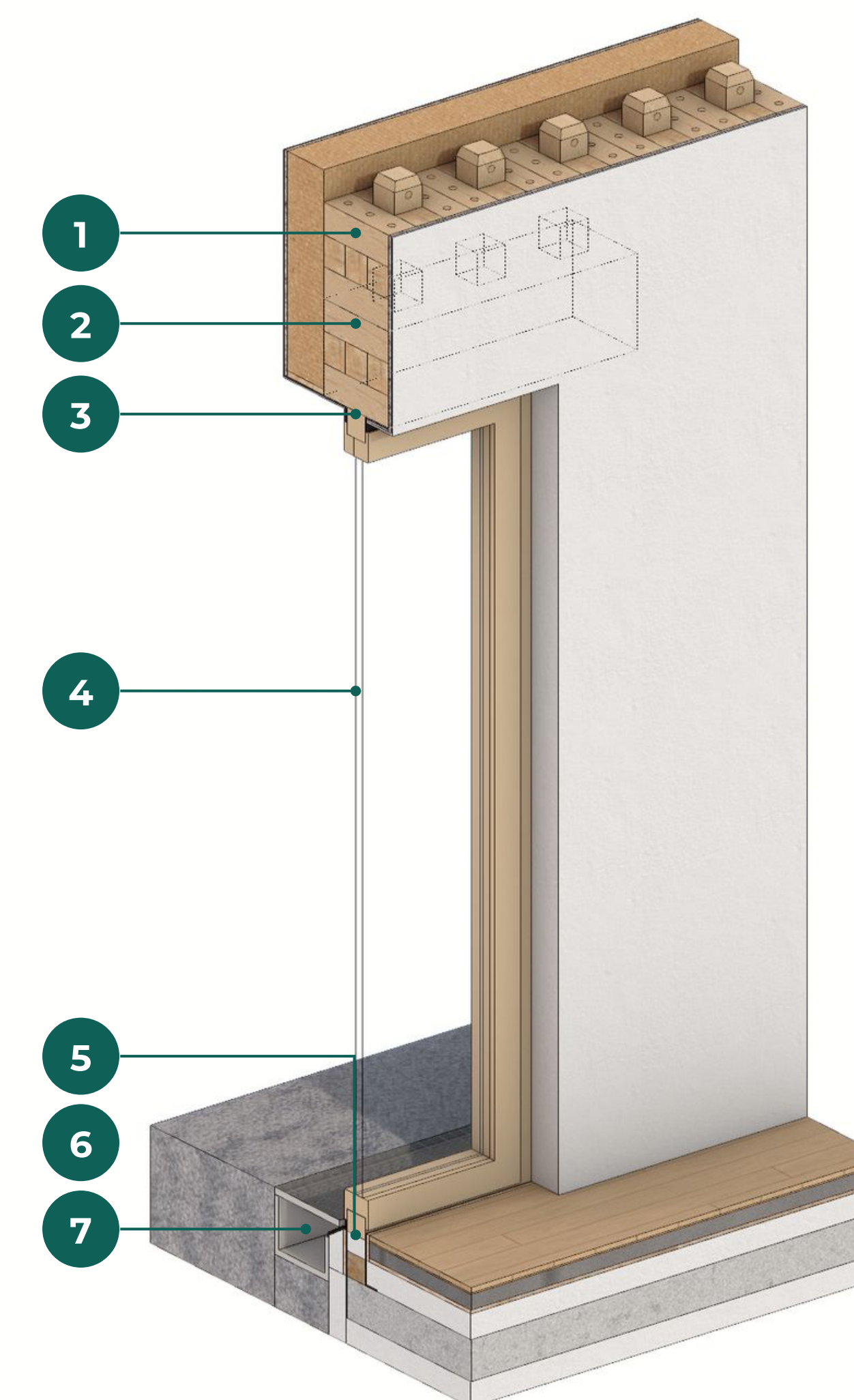
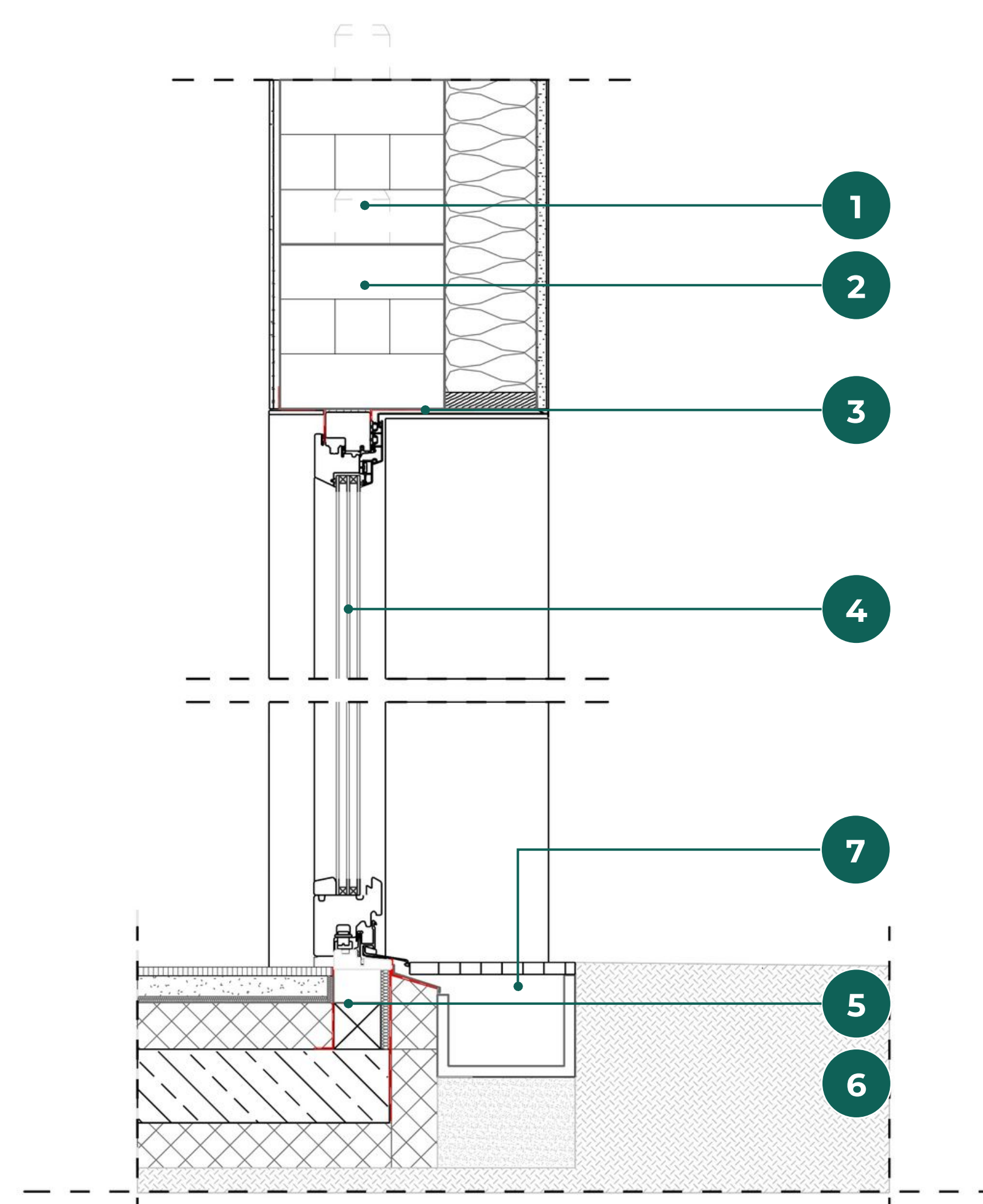
Joint sealing tape



Pressure-resistant insulation



Channel + grating



WS25

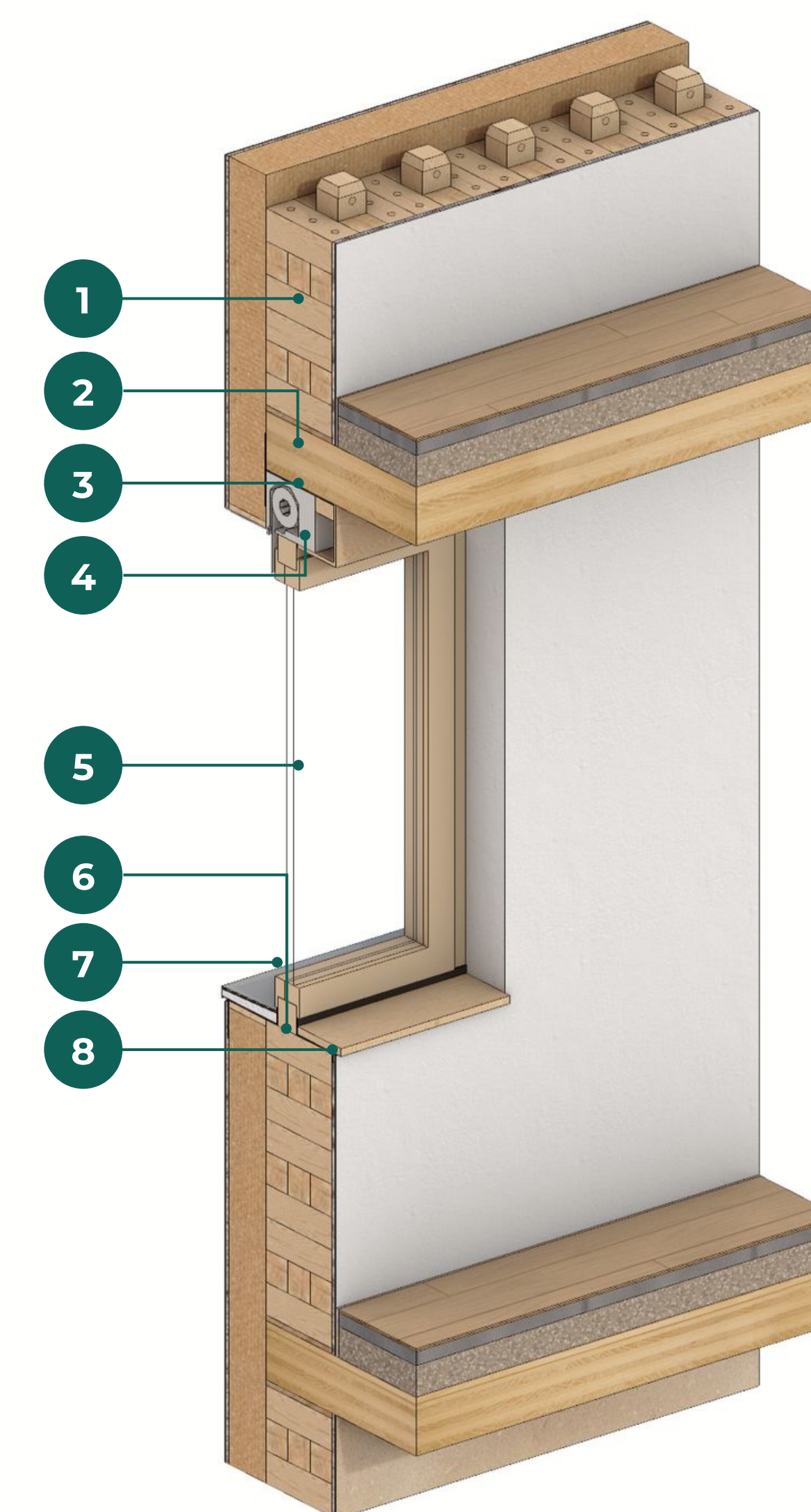
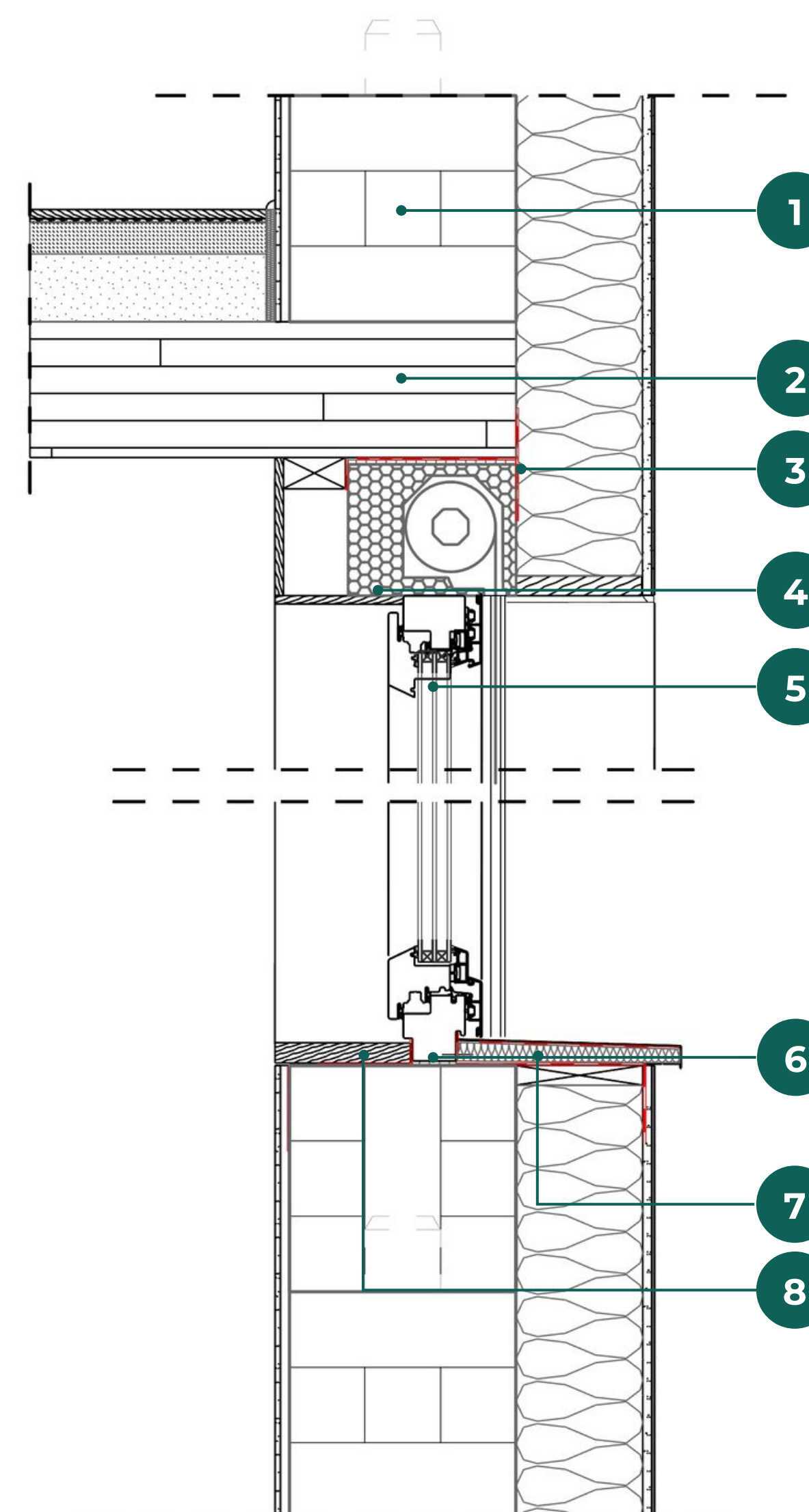
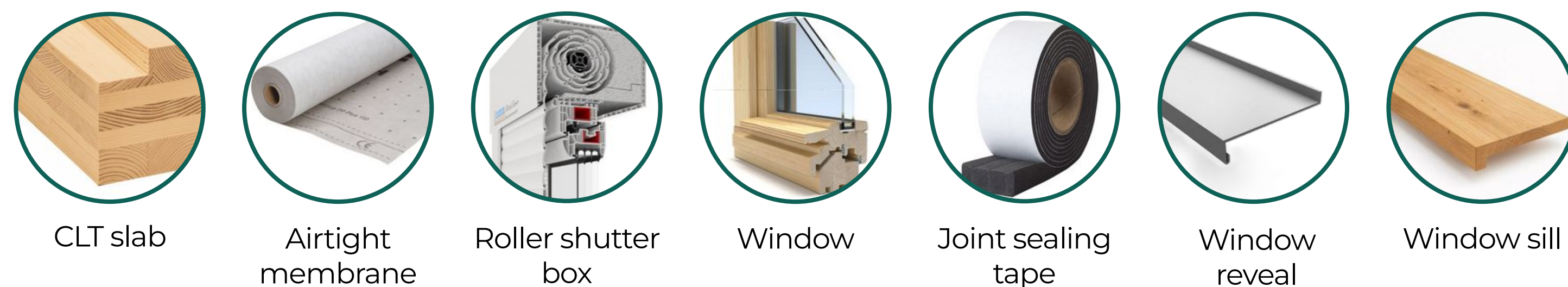
EXTERNAL WALL CONNECTION

Reference number WS25_A_DE_310_F_1

Window connection with CLT slab

1. TRIQBRIQ wall
2. CLT slab, as structurally required
3. Airtight membrane
4. Roller shutter box
5. Window
6. Joint sealing tape (pre-compressed)
7. Window reveal (sheet metal)
8. Window sill (KVH)

Additional materials



WS25

EXTERNAL WALL CONNECTION

Reference number WS25_A_DE_311_F_1

Floor-to-ceiling window/door connection with CLT slab

1. TRIQBRIQ wall
2. CLT slab, as structurally required
3. Airtight membrane
4. Terrace door / window
5. Joint sealing tape (pre-compressed)
6. Pressure-resistant insulation
7. Channel + grating

Additional materials



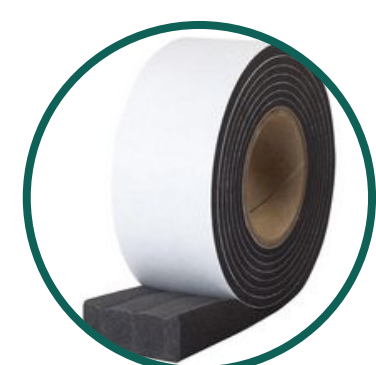
CLT slab



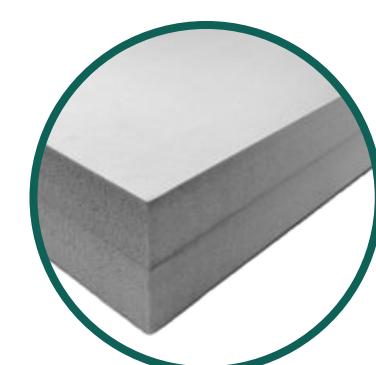
Airtight membrane



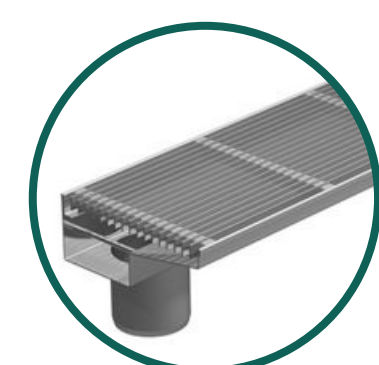
Door/window



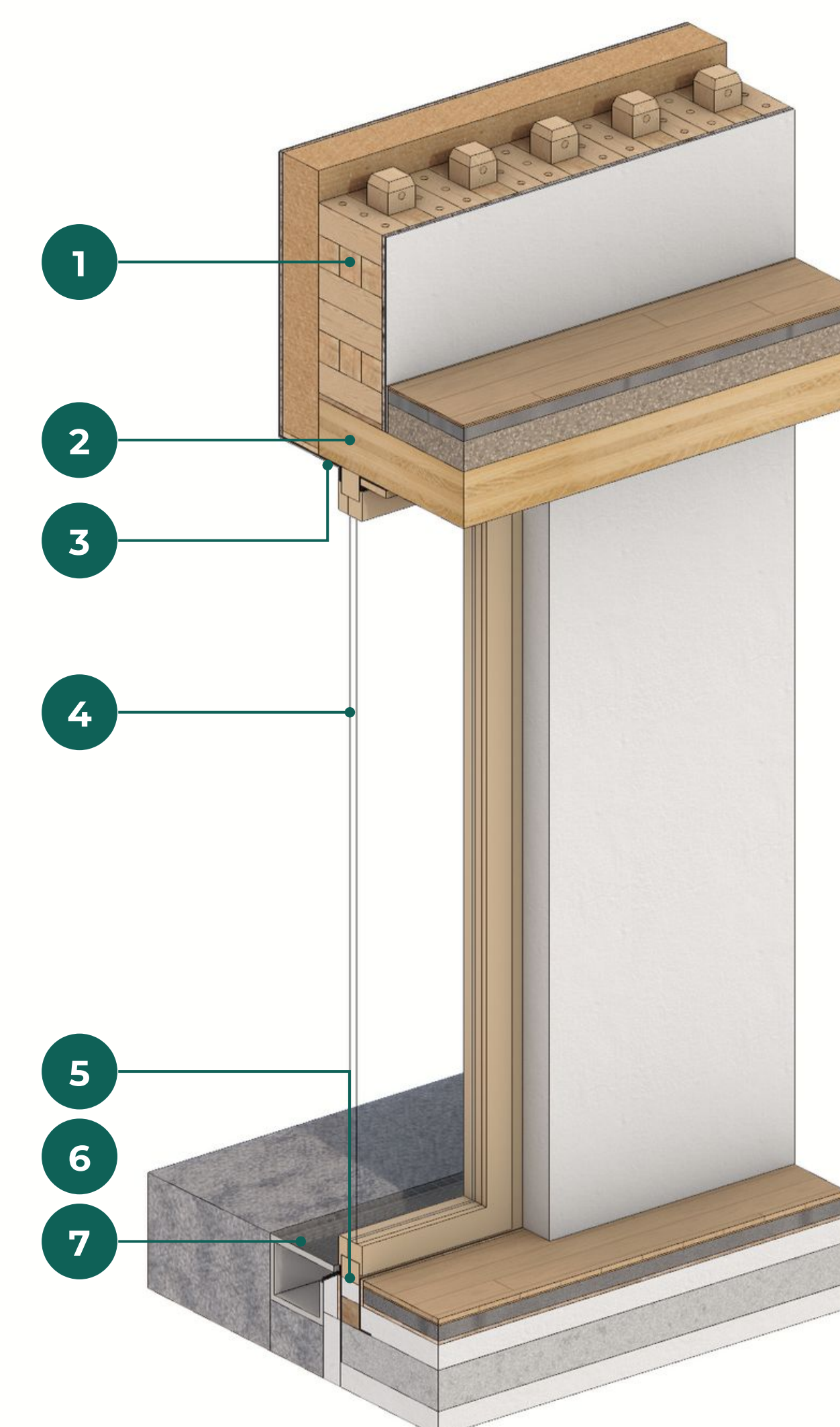
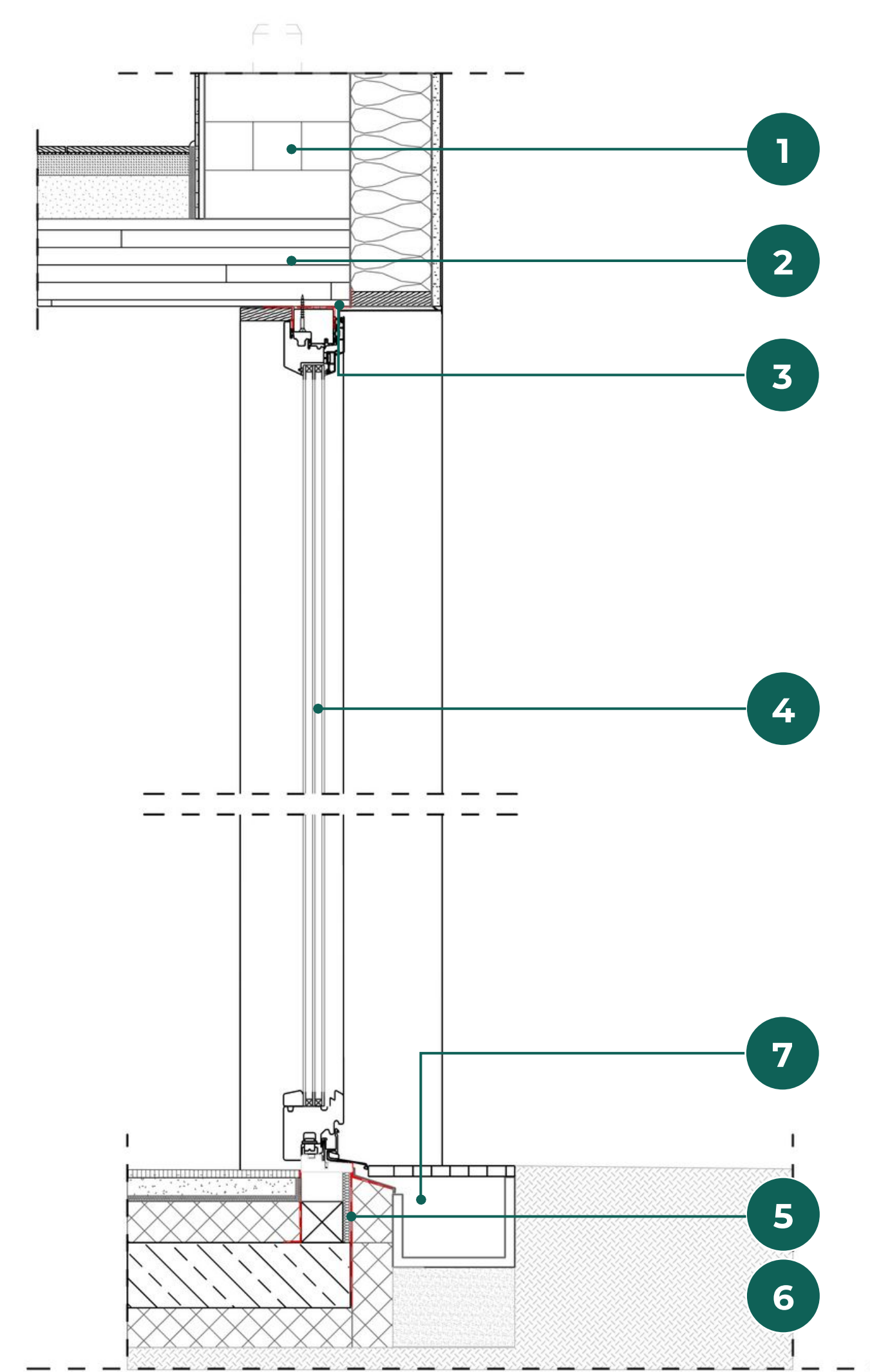
Joint sealing tape



Pressure-resistant insulation



Channel + grating

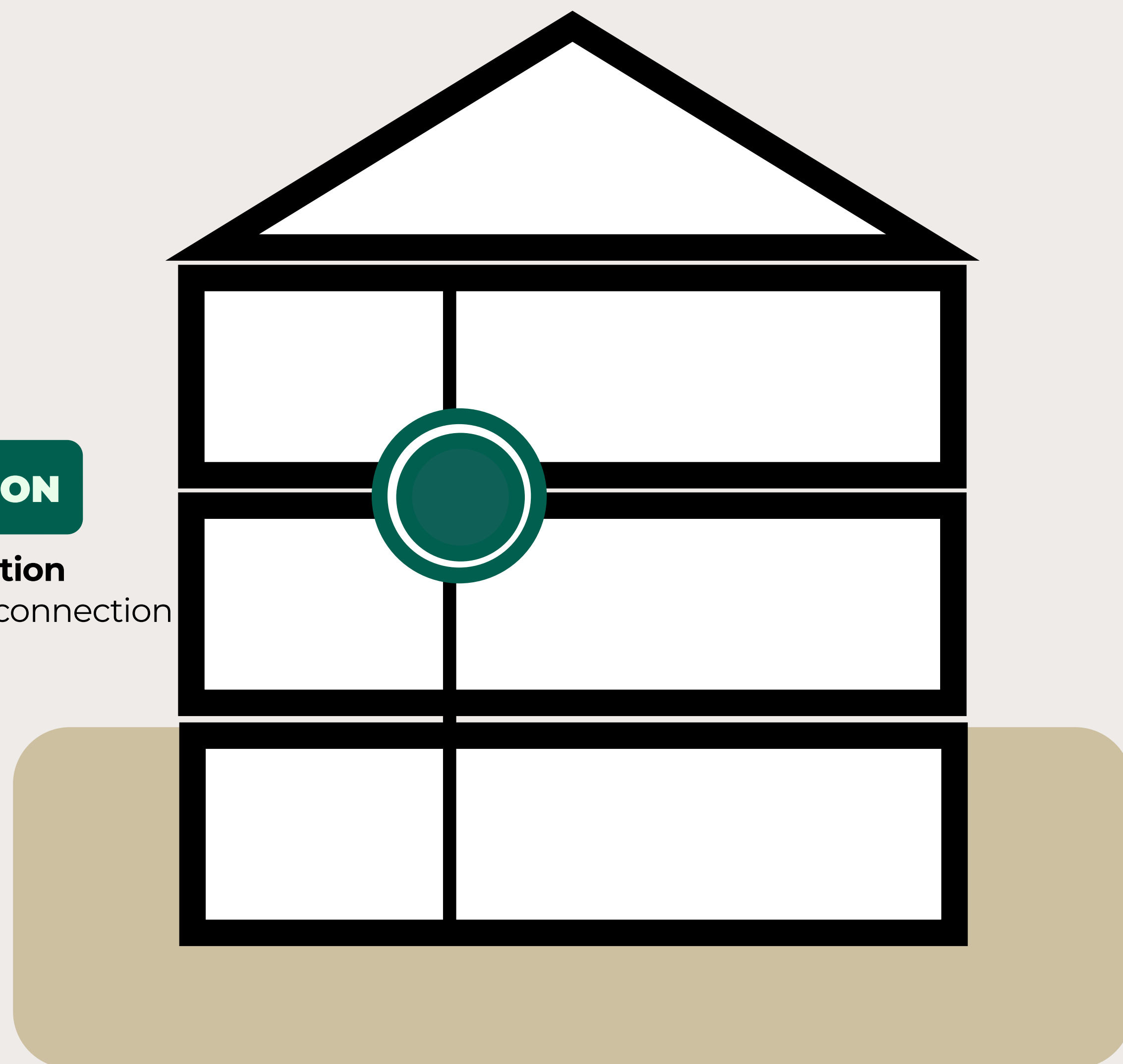


WS25

SYSTEM CONNECTION

SYSTEM INTEGRATION

Details & system integration
Hybrid construction and connection principles



The micro-modular build-up is compatible with various building systems and can be flexibly adapted to them.

WS25 SYSTEM CONNECTION

Reference number WS25_A_DE_401_F_1

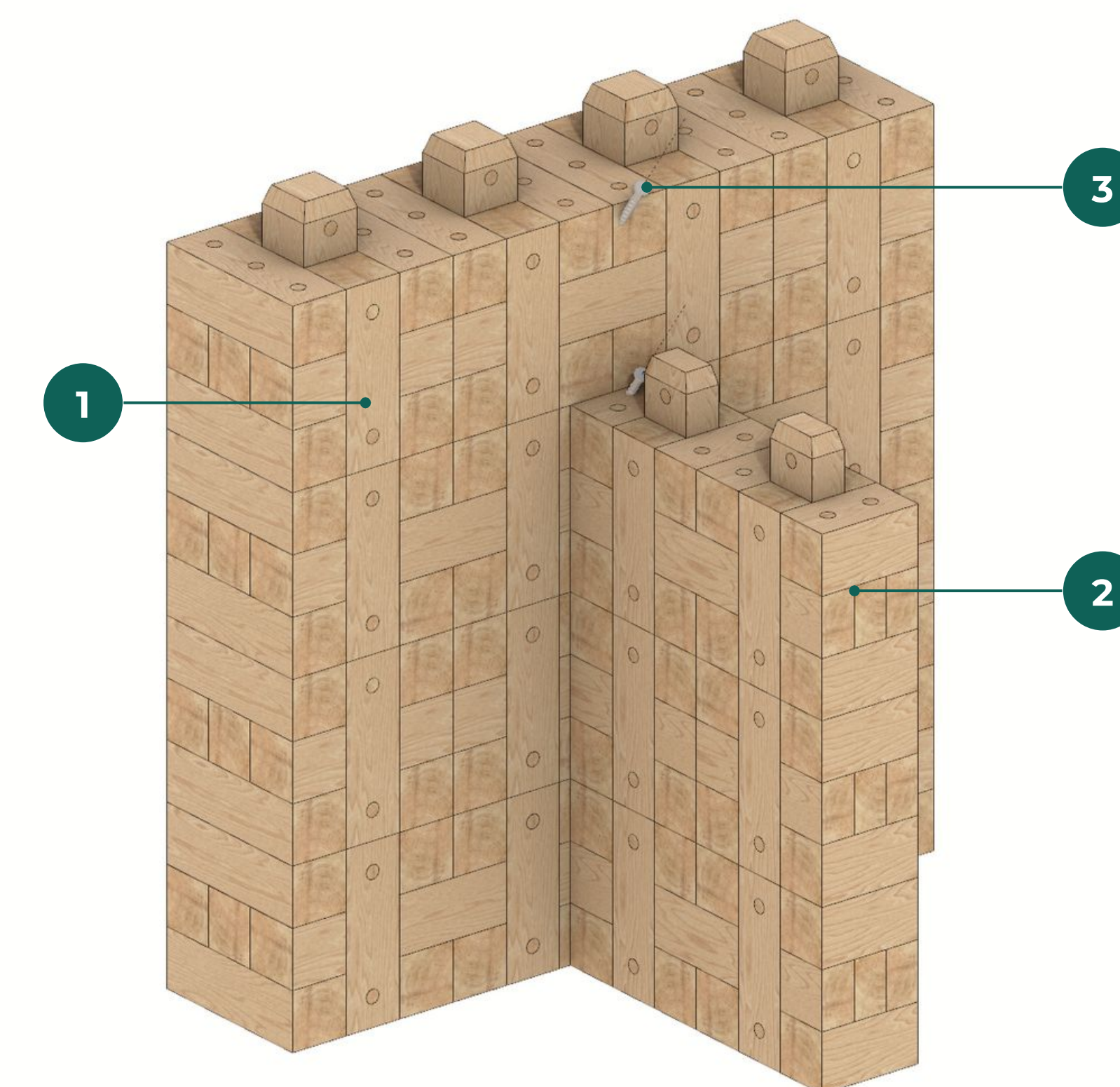
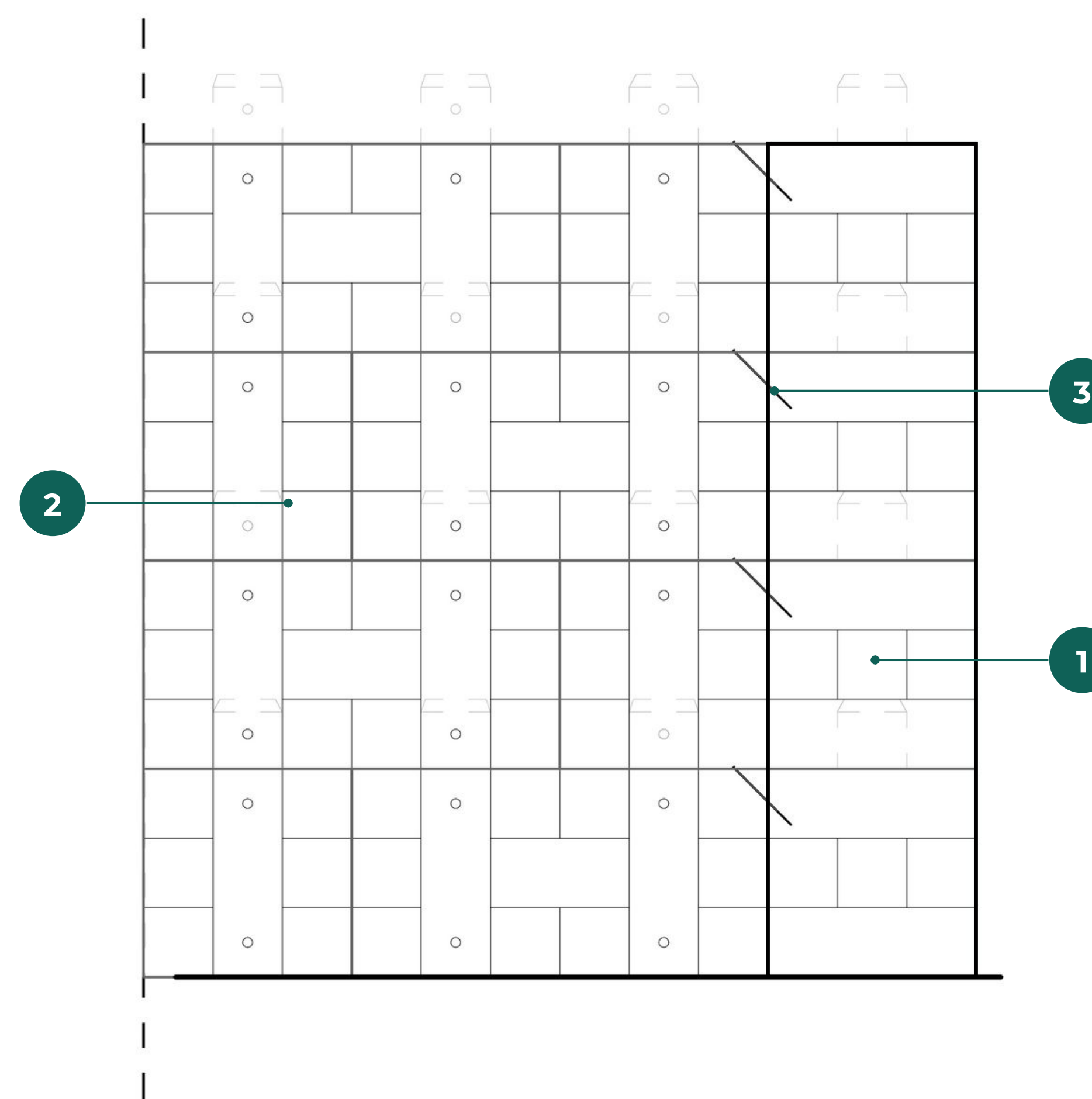
Connection of external wall WS25 to internal wall WS15

1. TRIQBRIQ wall WS25
2. TRIQBRIQ wall WS15
3. Screw fixing (every course, 45°), as structurally required

Additional materials



Timber screw



WS25

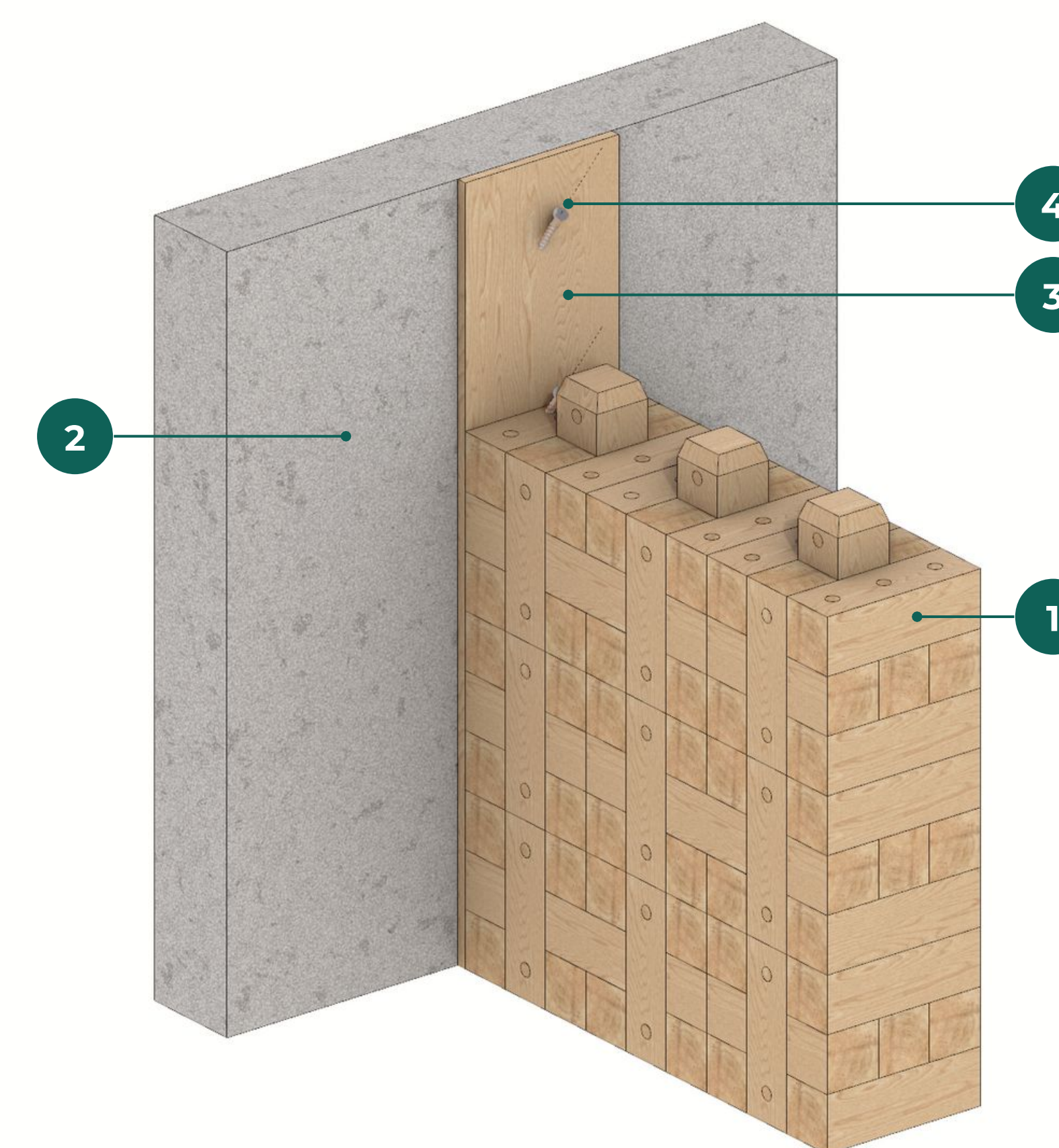
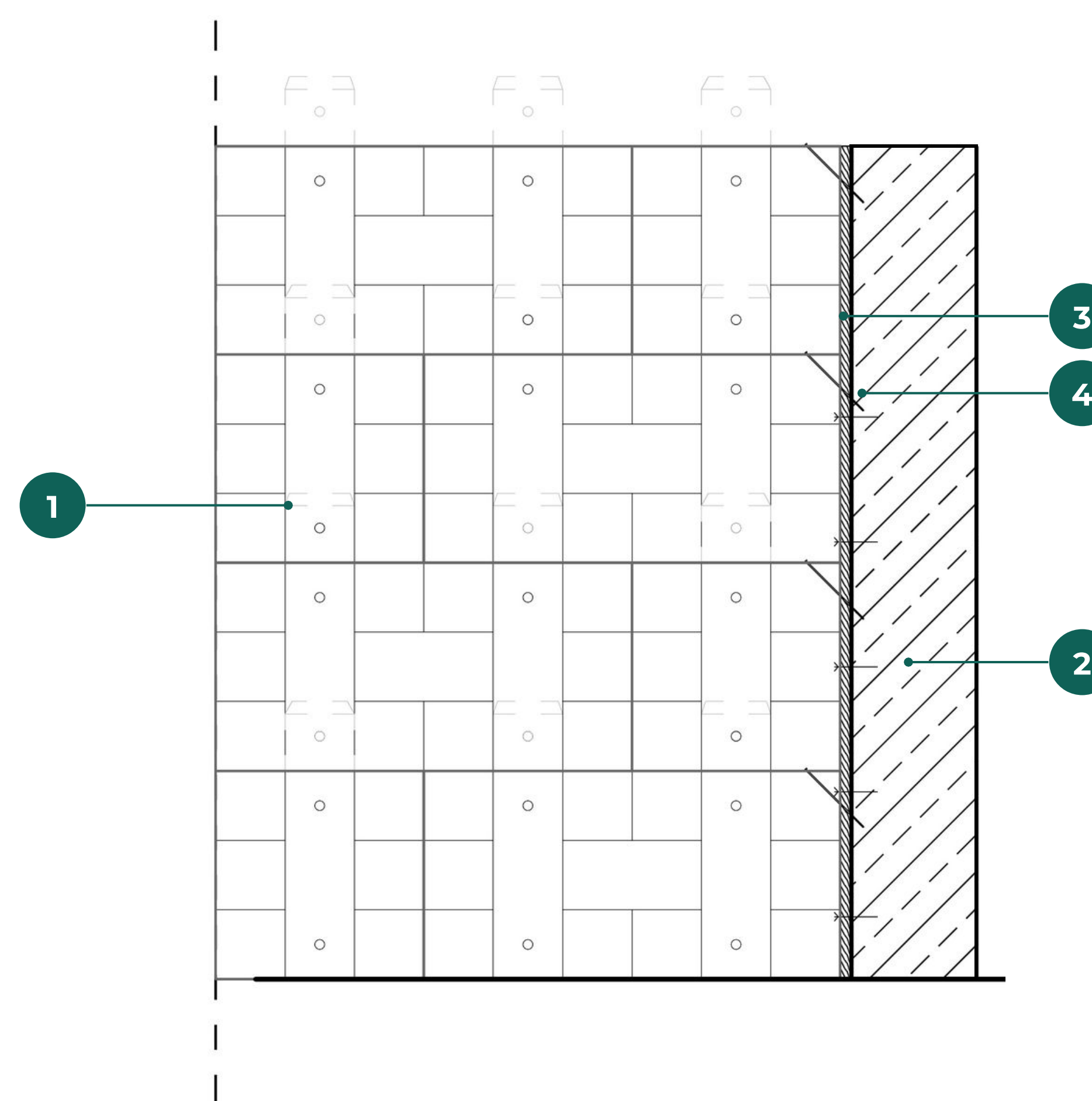
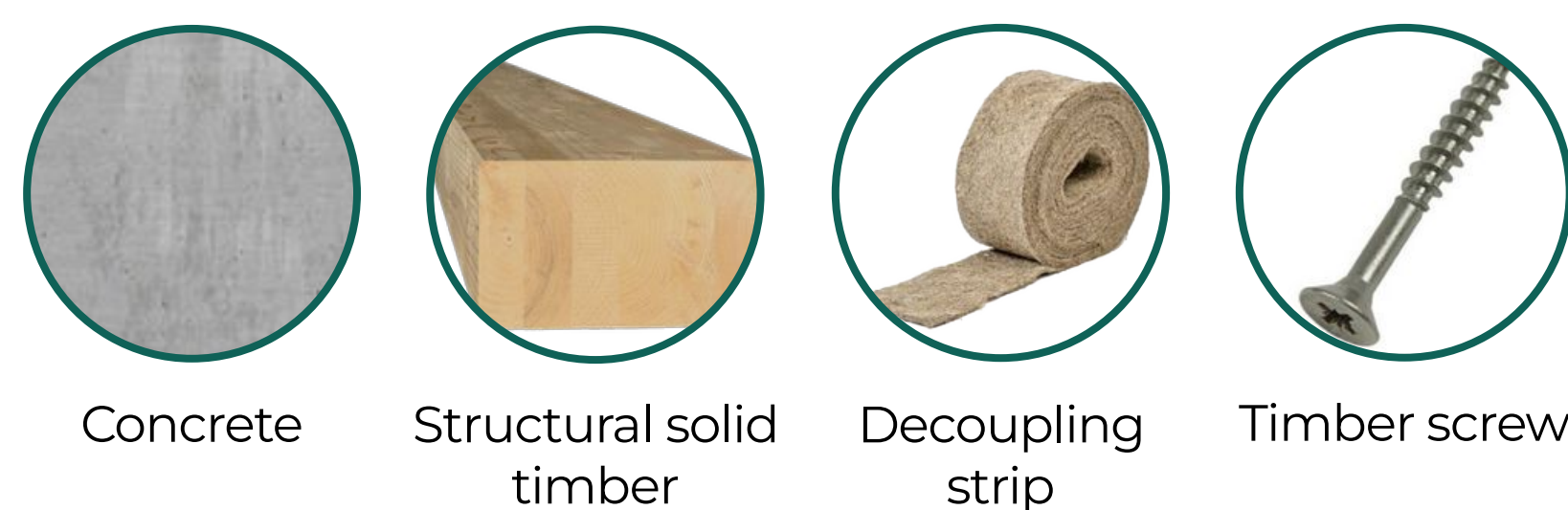
SYSTEM CONNECTION

Reference number WS25_A_DE_402_F_1

Connection of reinforced concrete wall to internal wall WS25

1. TRIQBRIQ wall
2. Reinforced concrete wall, as structurally required
3. Decoupling strip / packing profile (KVH) (screwed to concrete wall)
4. Screw fixing (every course, 45°), as structurally required

Additional materials

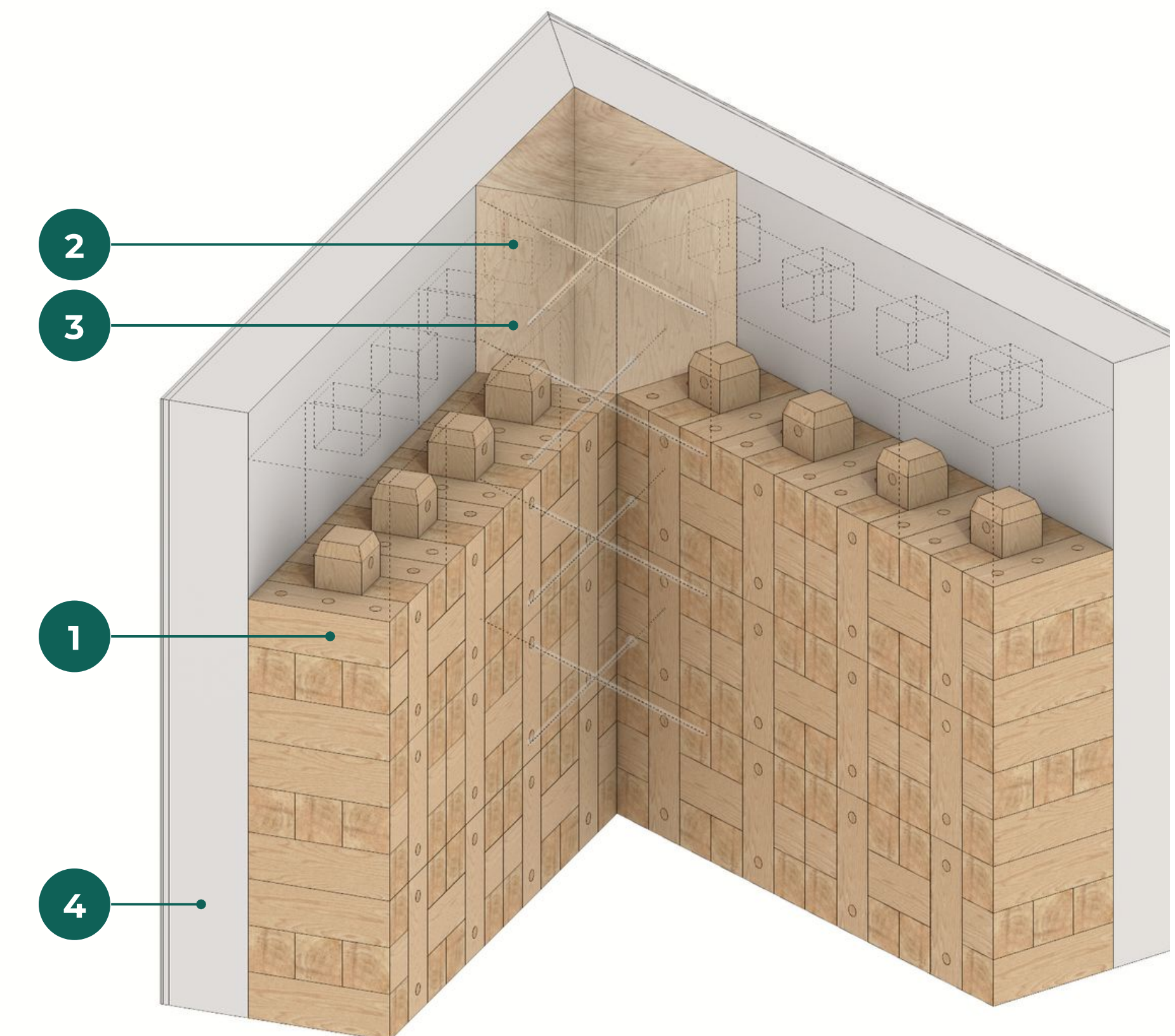
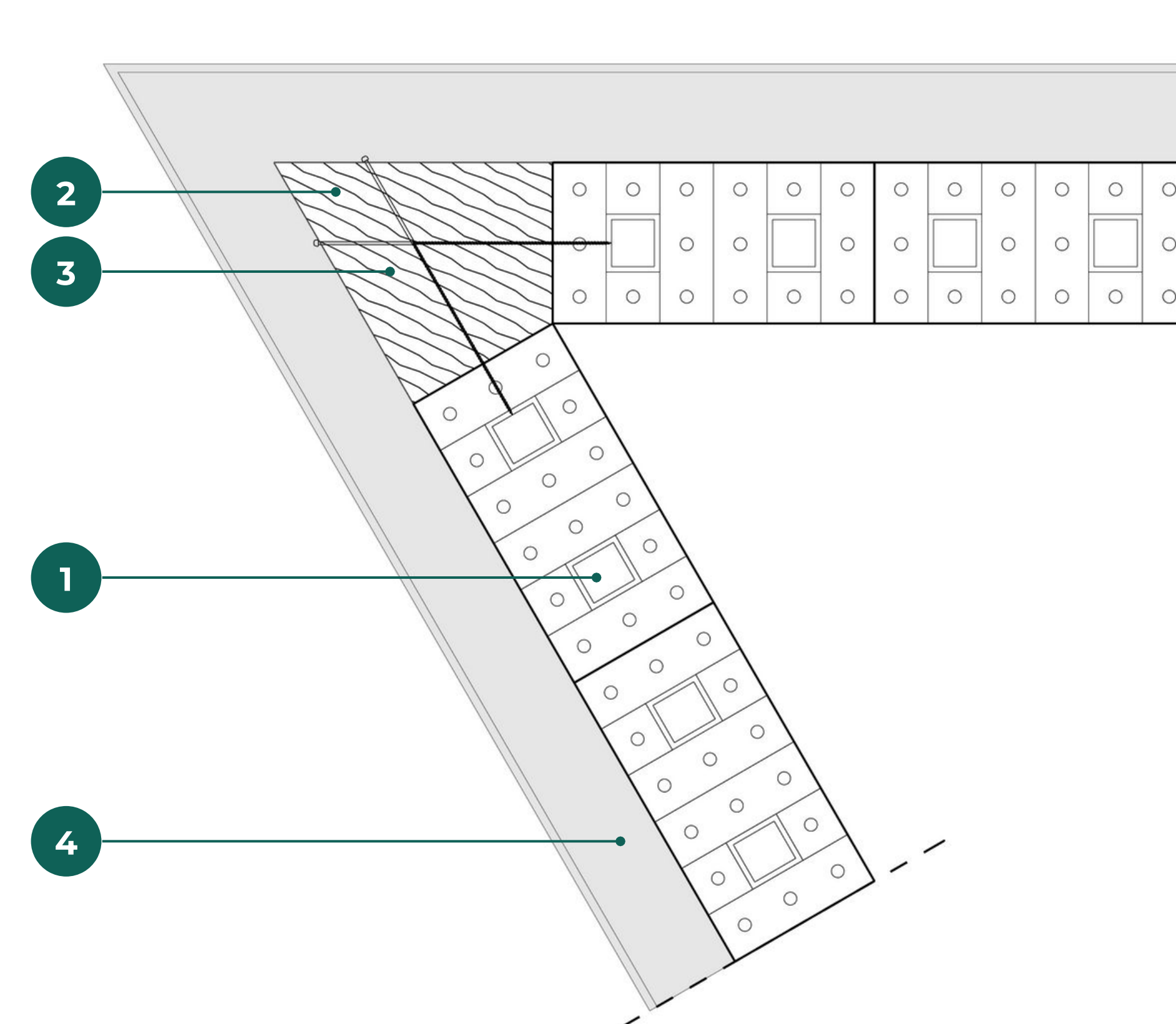


WS25 SYSTEM CONNECTION

Reference number WS25_A_DE_403_F_1

Corner connection (non-orthogonal)

1. TRIQBRIQ wall
2. Packing profile (KVH)
3. Screw fixing (every course), as structurally required
4. Example façade build-up



Additional materials



Structural solid timber



Timber screw

WS25

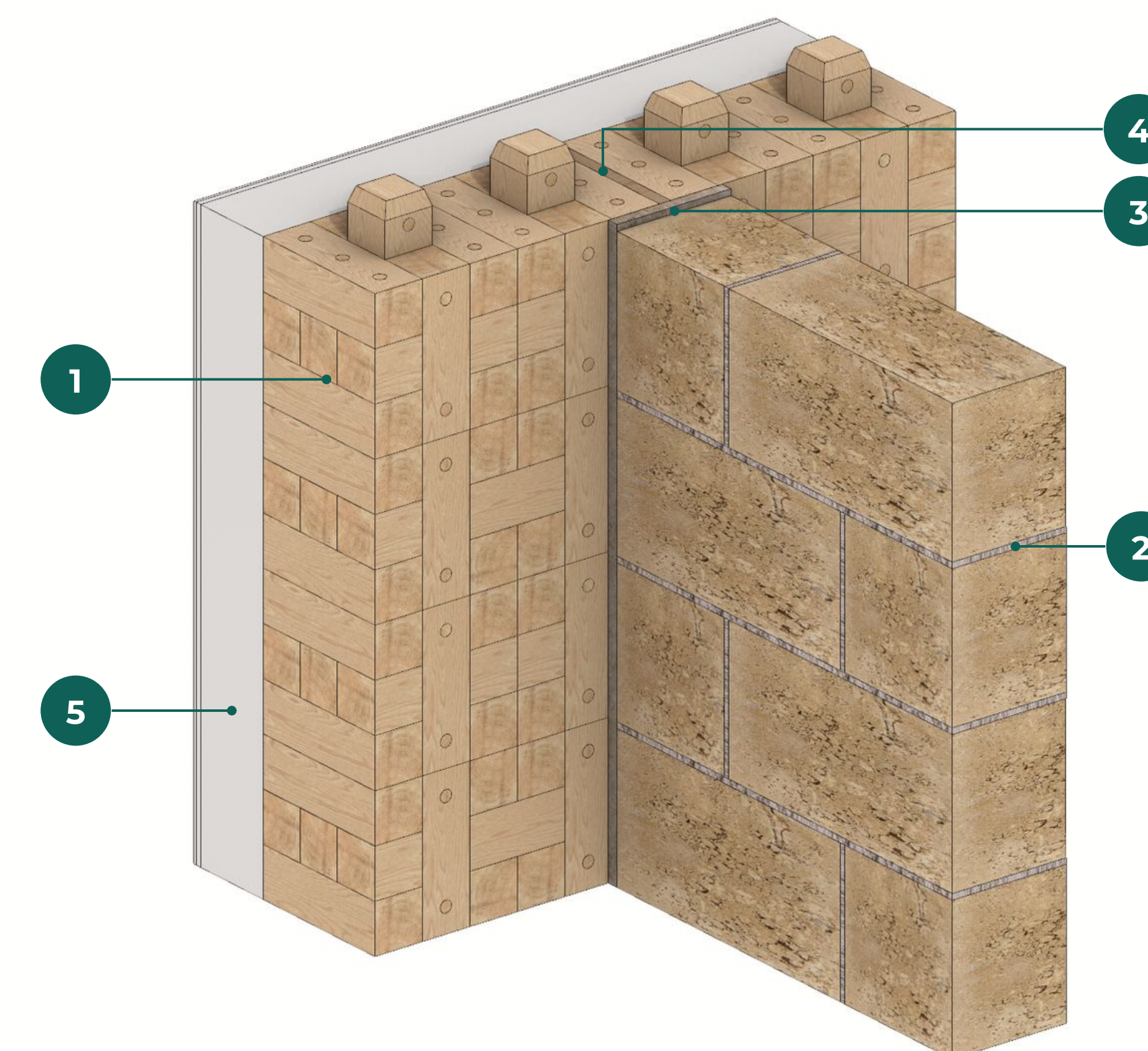
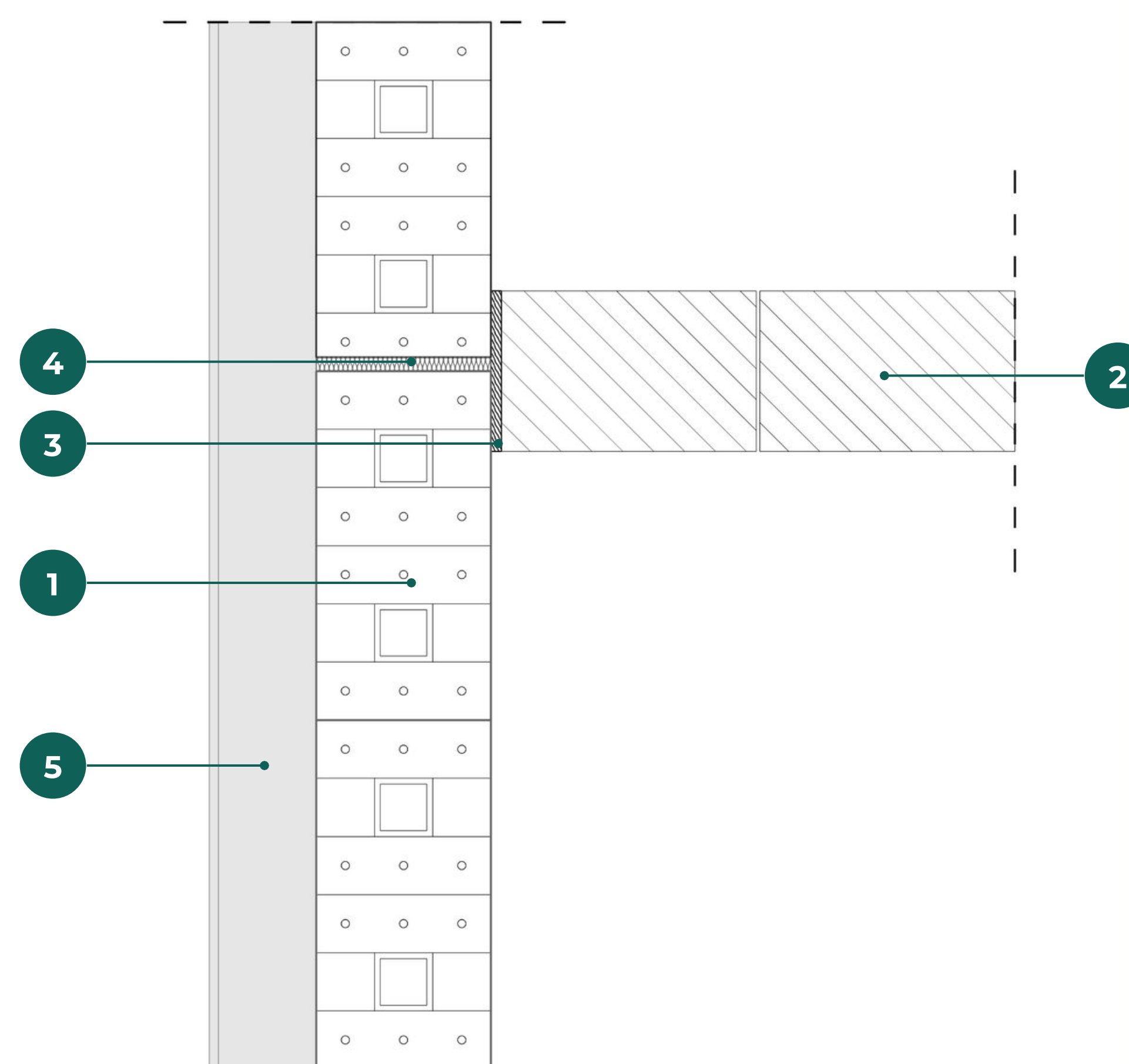
SYSTEM CONNECTION

Reference number WS25_A_DE_404_F_1

Clay brick wall, sound insulation (variant 1)

1. TRIQBRIQ wall
2. Clay bricks
3. Decoupling strip / sound insulation (e.g. Sylomer)
4. Decoupling ≥ 20 mm (stone wool, no EPS/XPS)
5. Example façade build-up

Additional materials

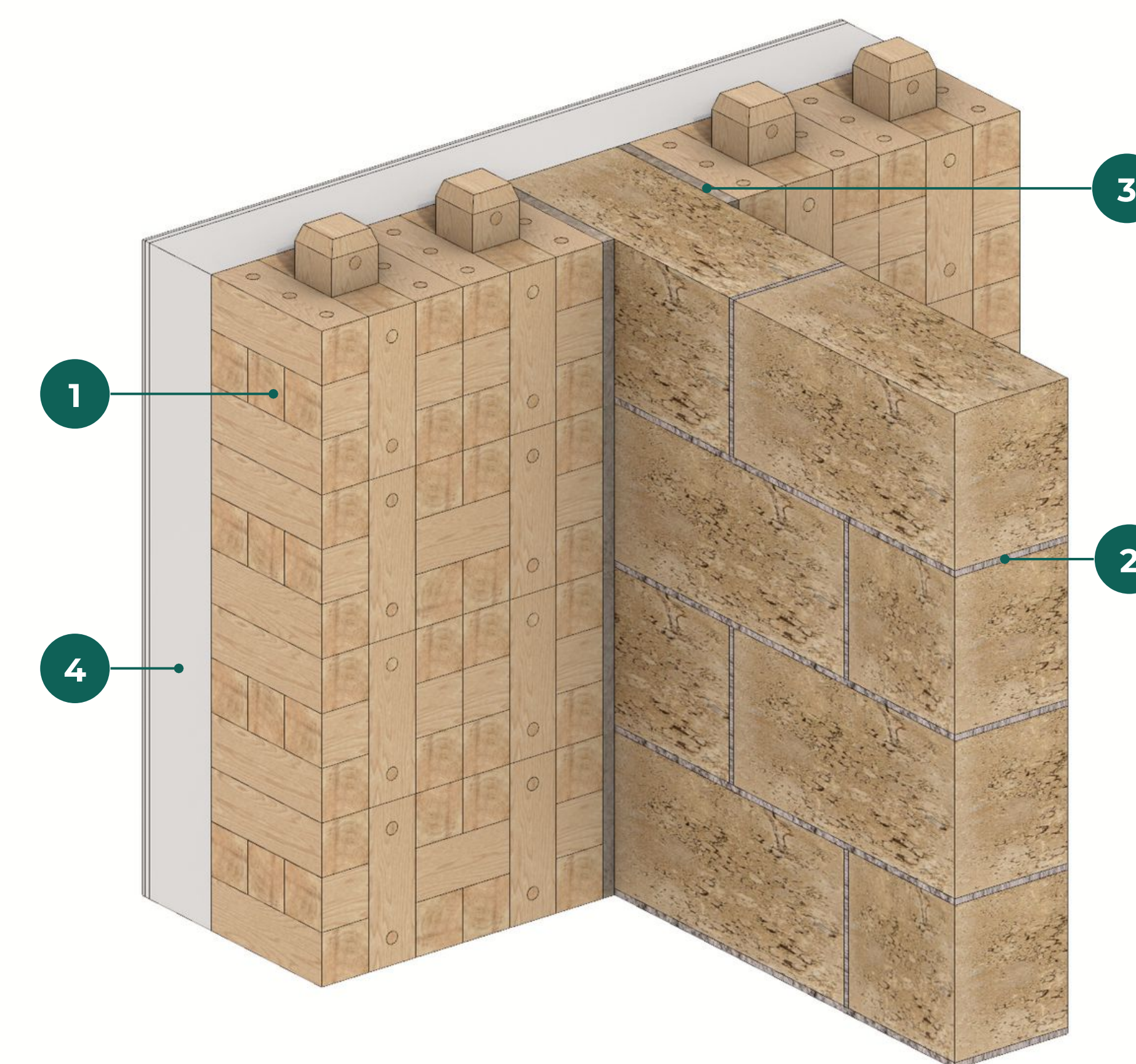
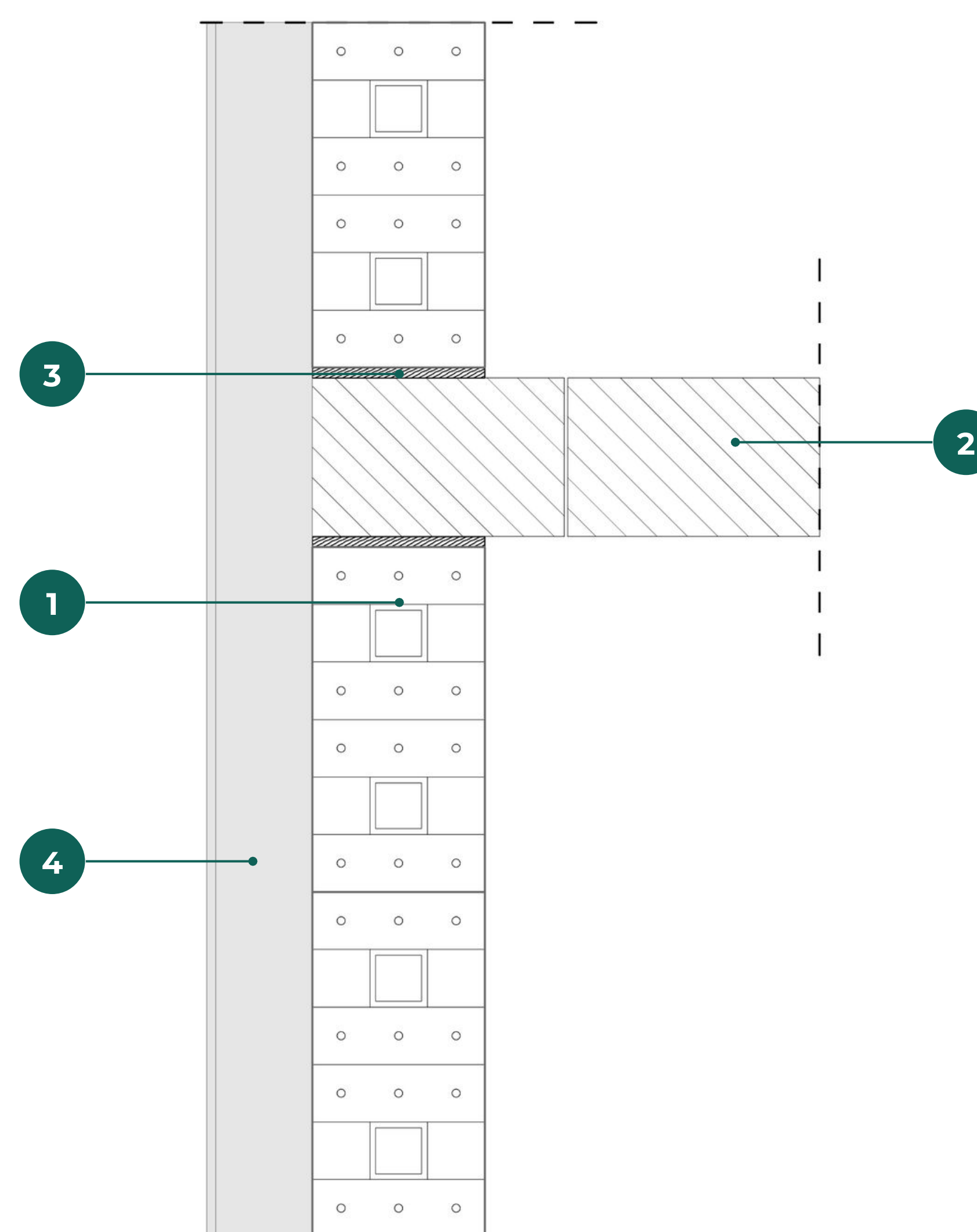


WS25 SYSTEM CONNECTION

Reference number WS25_A_DE_405_F_1

Clay brick wall, sound insulation (variant 2)

1. TRIQBRIQ wall
2. Clay bricks
3. Decoupling strip / sound insulation (e.g. Sylomer)
4. Example façade build-up



Additional materials



Clay bricks



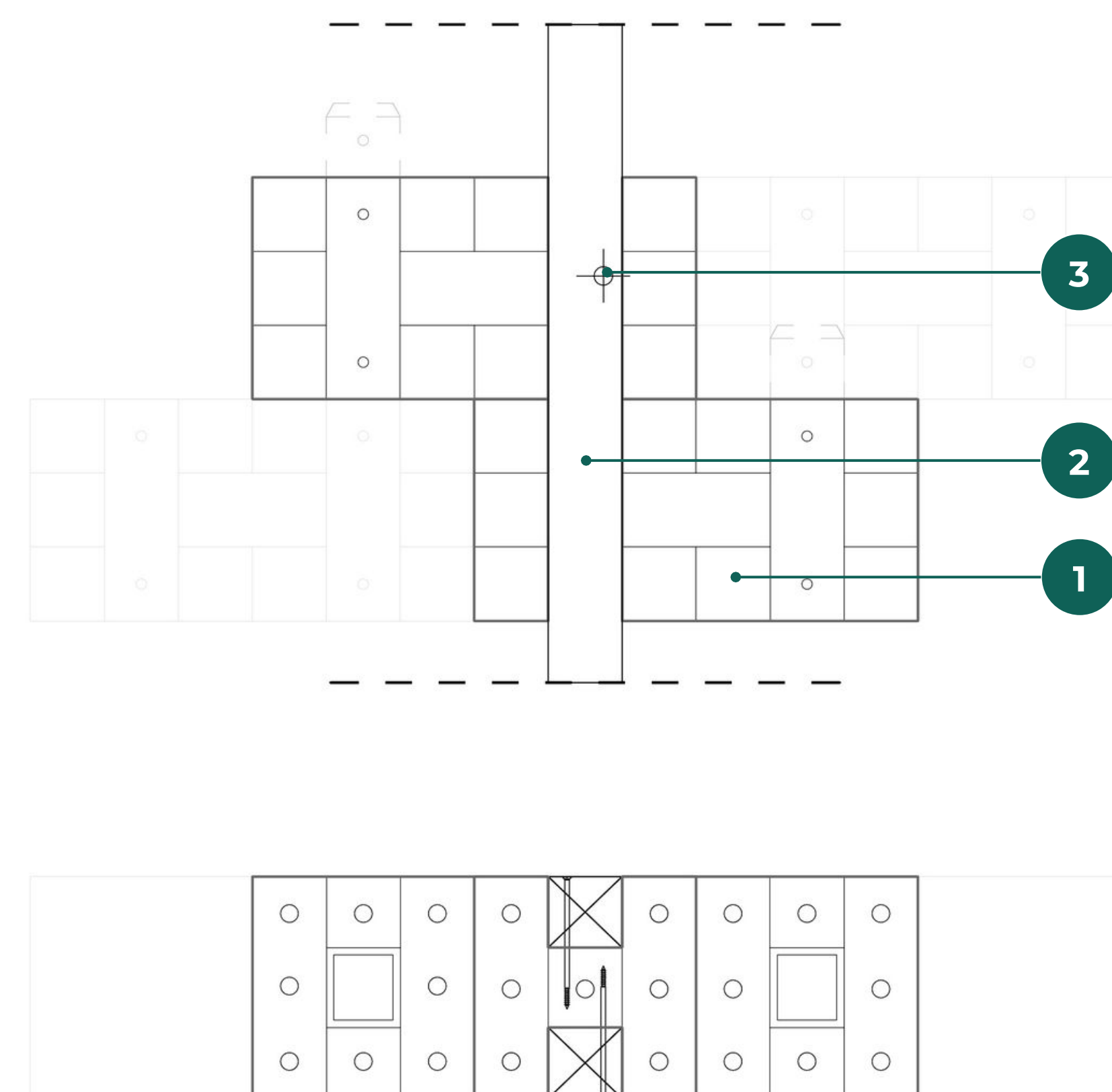
Decoupling strip

WS25 SYSTEM CONNECTION

Reference number WS25_A_DE_406_F_1

Structurally reinforced wall build-up with WS25B50VSmZ

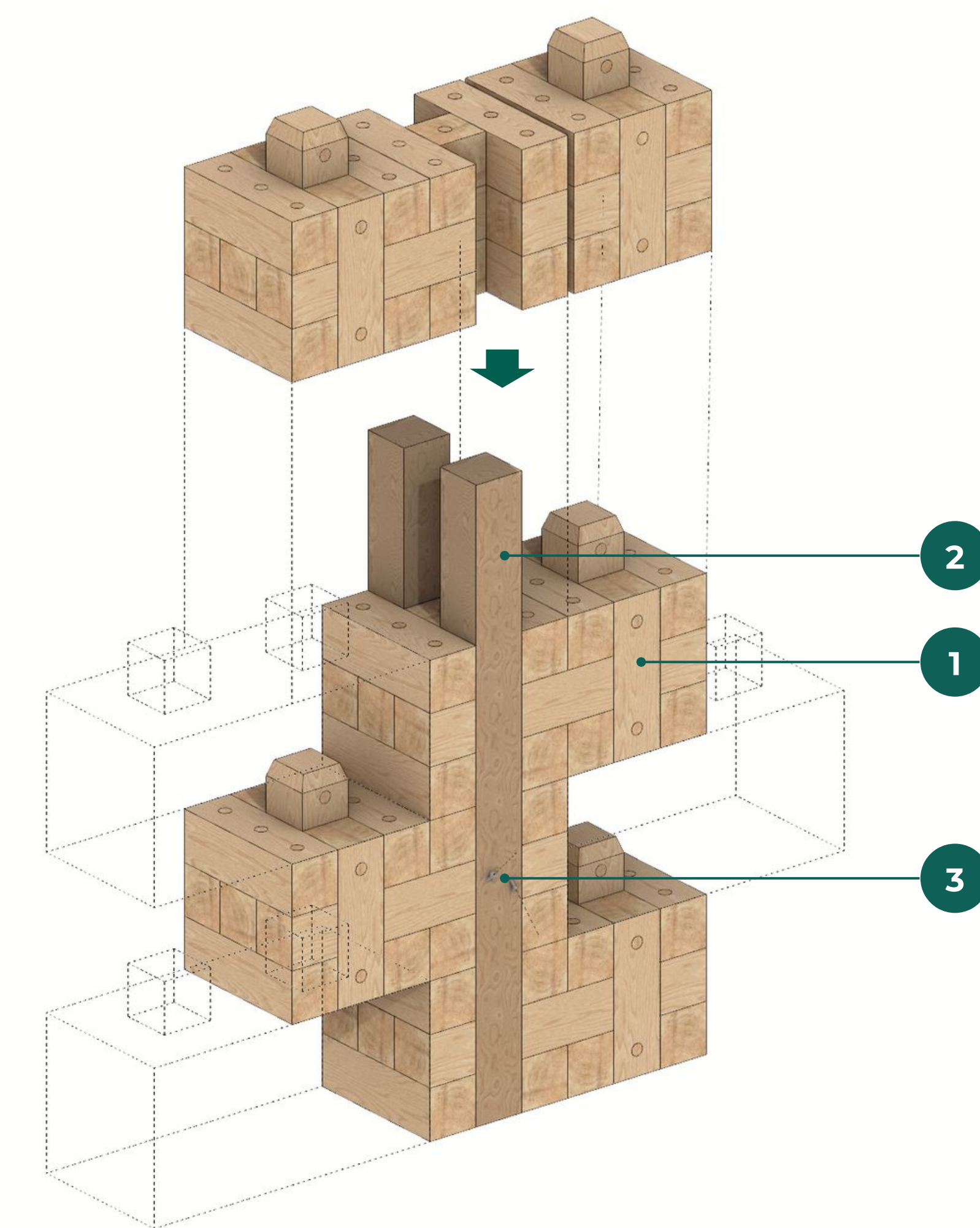
1. TRIQBRIQ wall with special block WS25B50VSmZ
2. Continuous vertical rib
3. Screw fixing (every 3rd course, 45°), as structurally required



Additional materials



Structural solid timber Timber screw



WS25

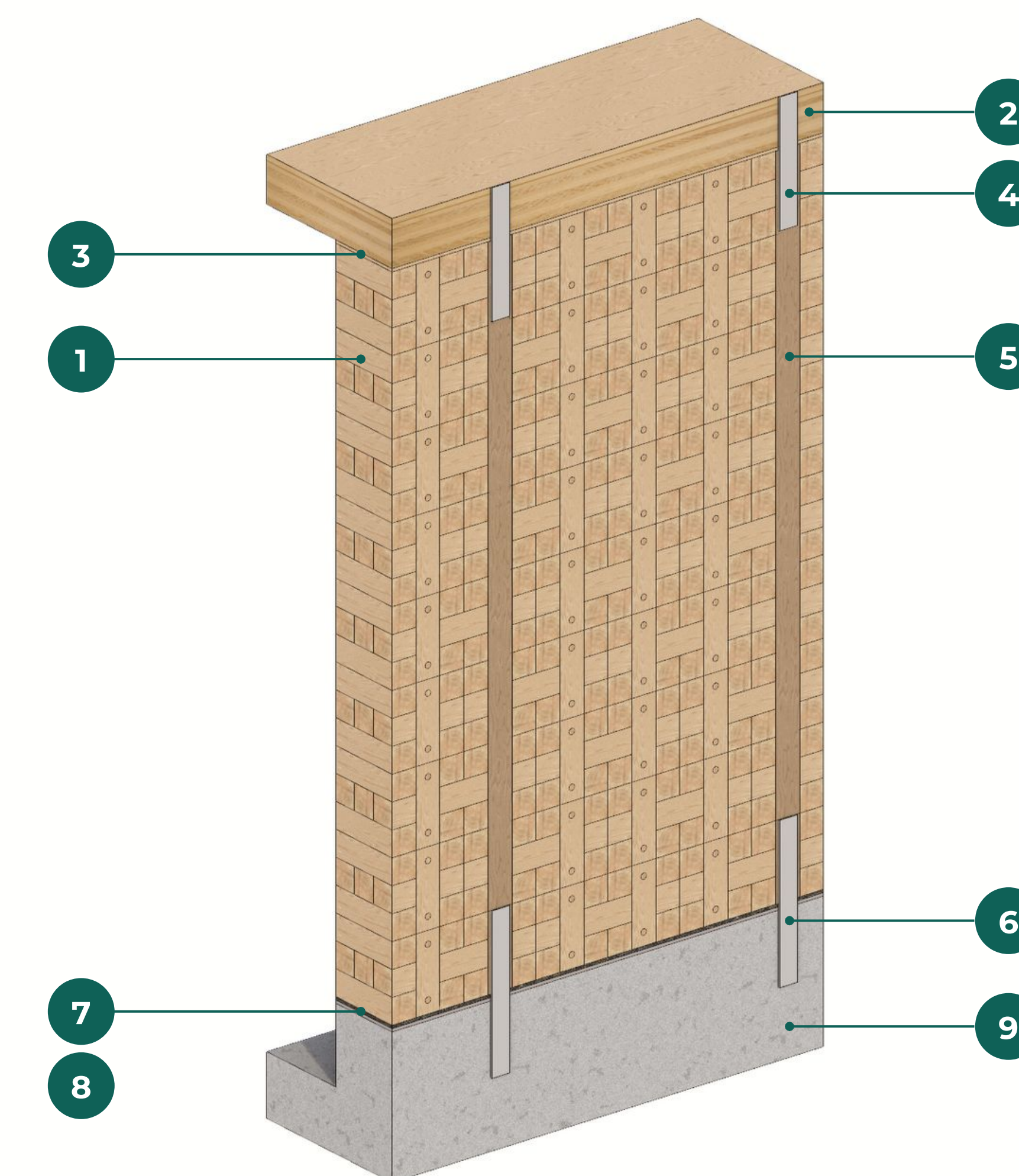
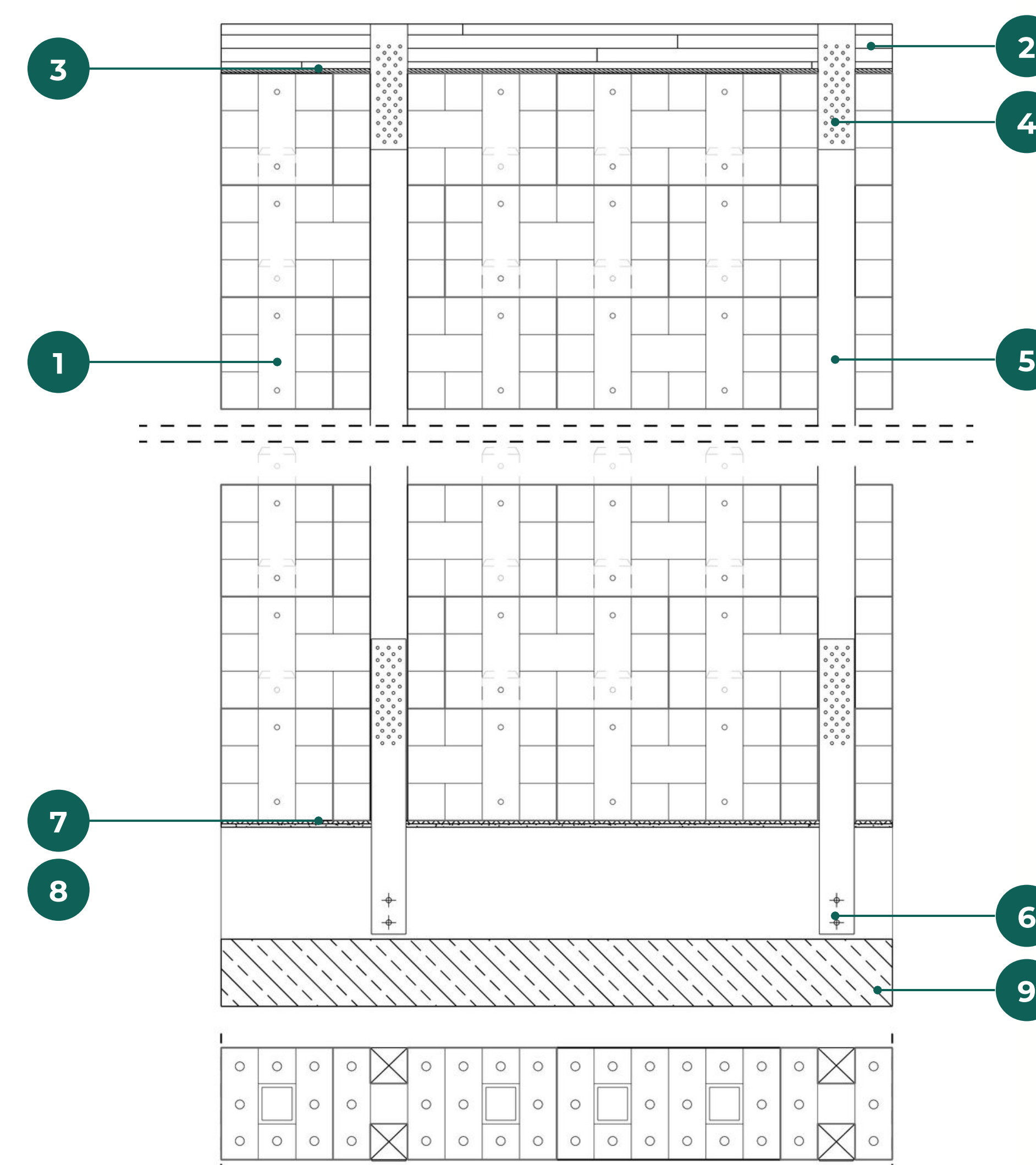
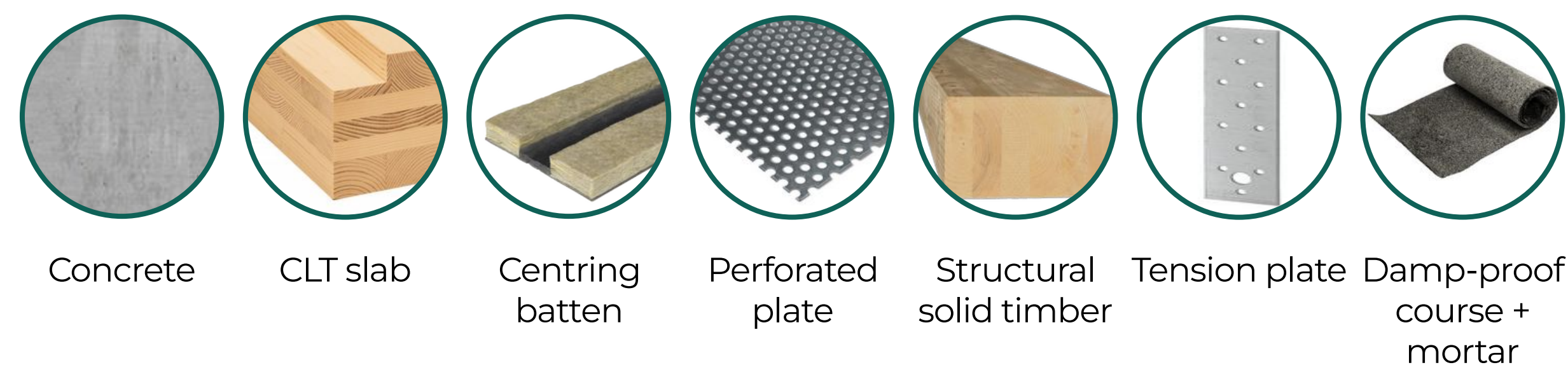
SYSTEM CONNECTION

Reference number WS25_A_DE_407_F_1

Wall build-up with WS25B50VSmZ incl. floor and slab connection

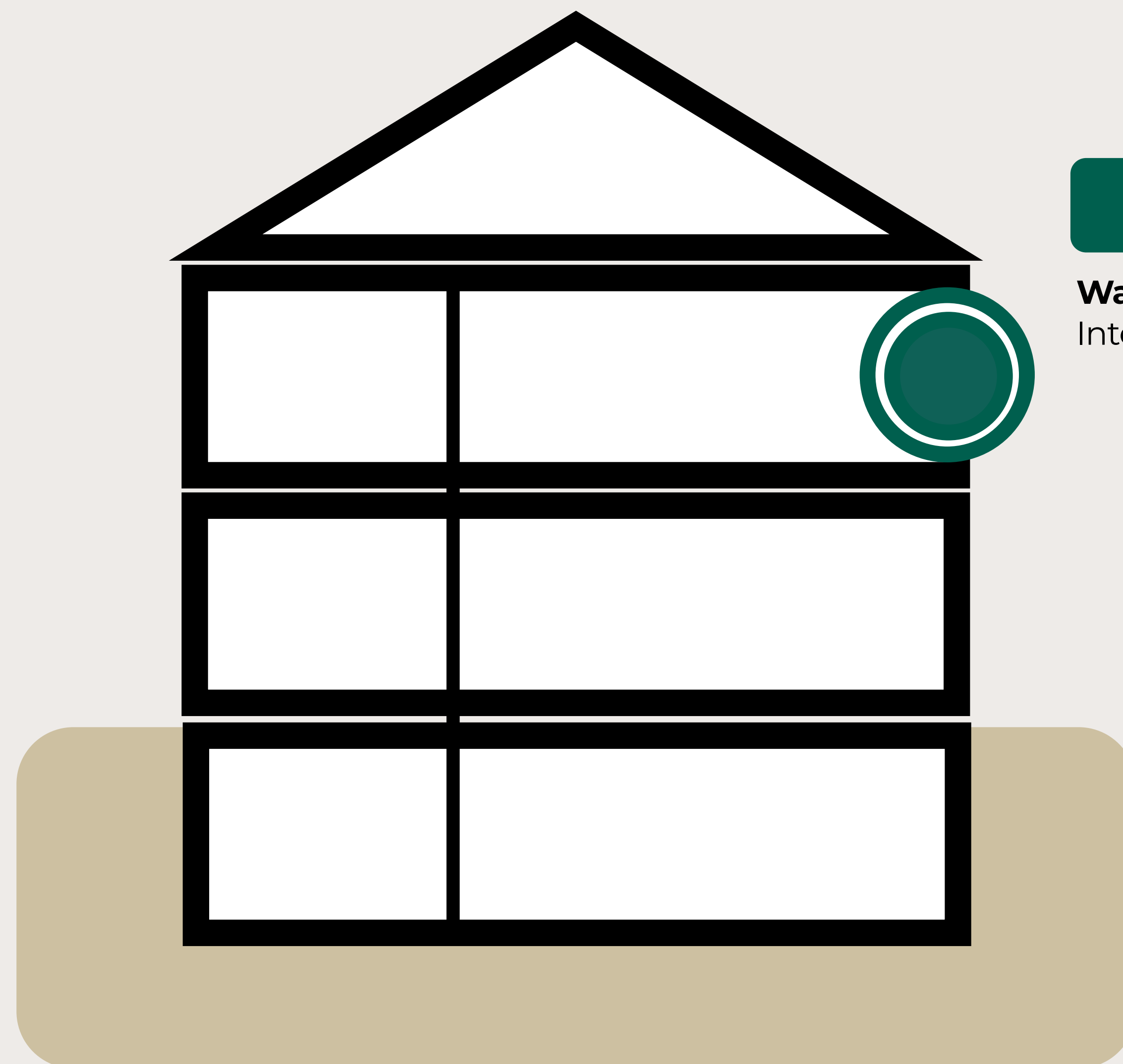
1. TRIQBRIQ wall
2. CLT slab, as structurally required
3. Centring batten
4. Perforated plate
5. Continuous vertical ribs
6. Tension plate, steel grade S355
7. Horizontal waterproofing
8. Mortar bed
9. Reinforced concrete ground slab with plinth,
as structurally required

Additional materials



WS25

WALL BUILD-UPS



WALL BUILD-UPS

Wall build-ups
Internal & external wall build-ups

**From ETICS to the innovative,
circular wall build-up,
everything is possible with
TRIQBRIQ.**

WS25 WALL BUILD-UP

Reference number WS25_A_DE_501_F_1

Wall build-up to GEG requirements

1. TRIQBRIQ wall
2. Straw building board
3. Clay plaster + reinforcing mortar *
4. Wood fibre insulation board approx. 100 mm, insulation thickness indicative
5. Adhesive and reinforcing mortar
6. Purely mineral decorative render *

*Note: All types of plaster and render are possible; the build-up shown is for illustration only

Additional materials



Straw building board



Clay plaster



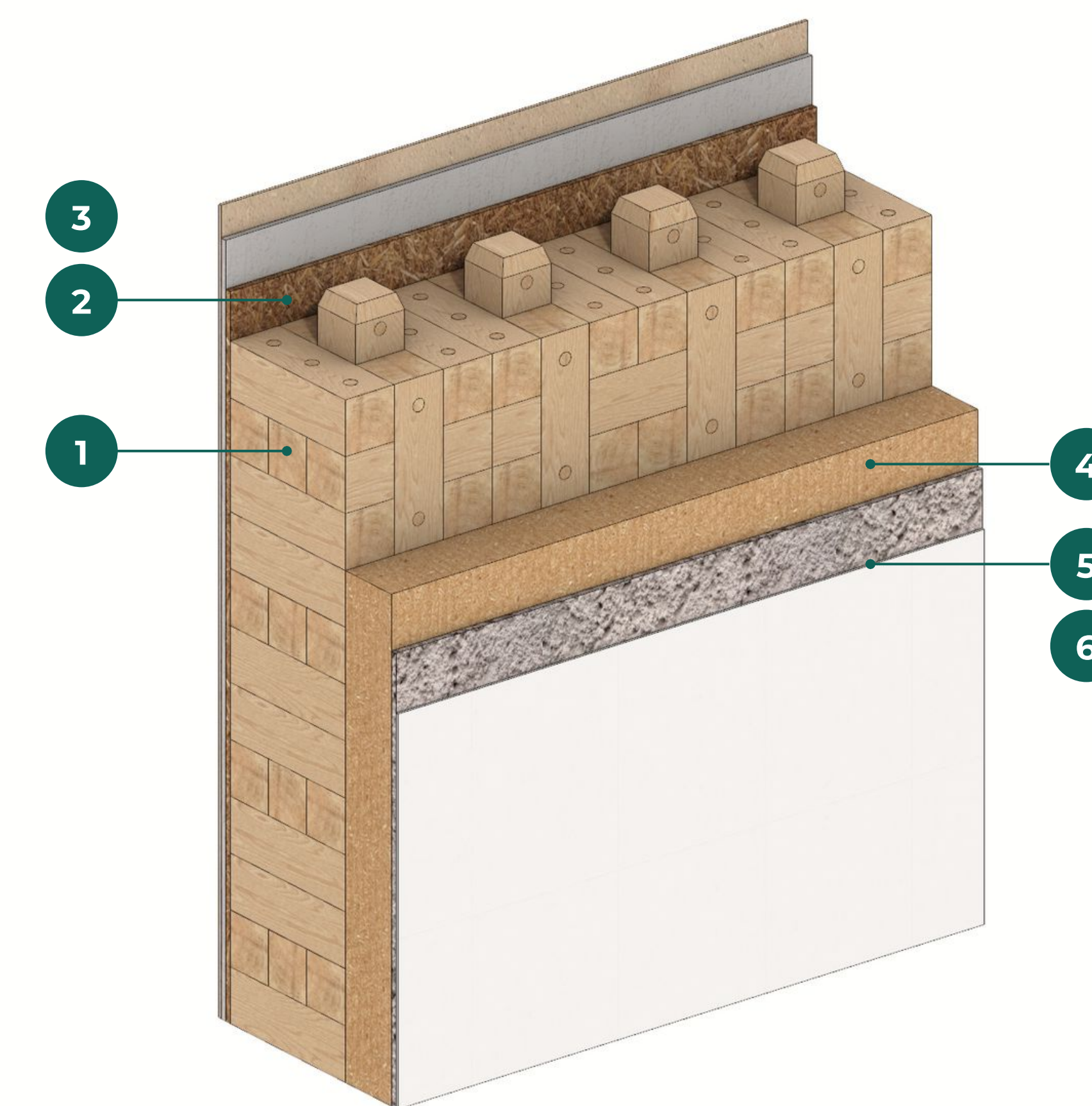
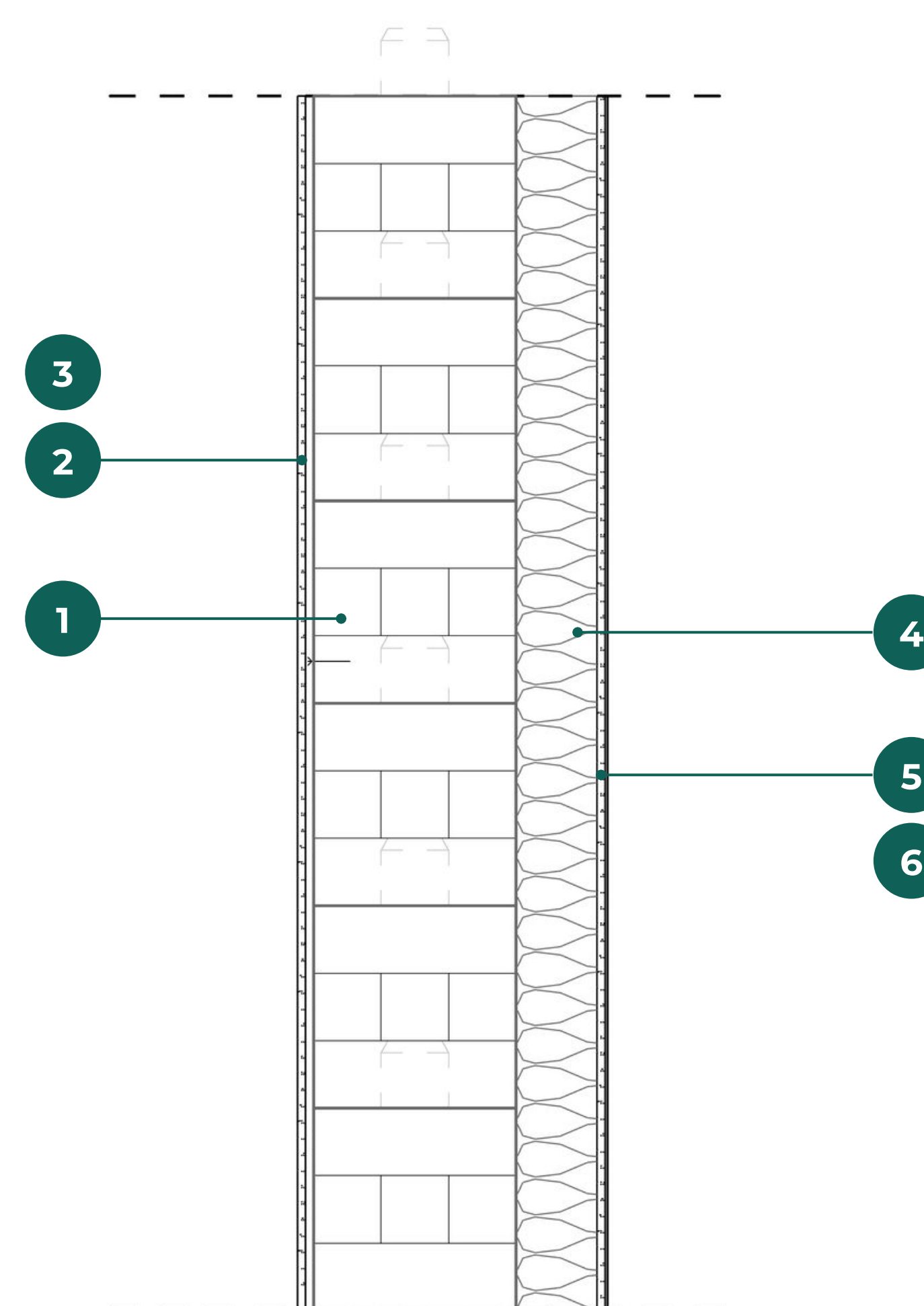
Wood fibre insulation



Mortar



Mineral render



WS25 WALL BUILD-UP

Reference number WS25_A_DE_502_F_1

Wall build-up for increased energy requirements (formerly KfW standard)

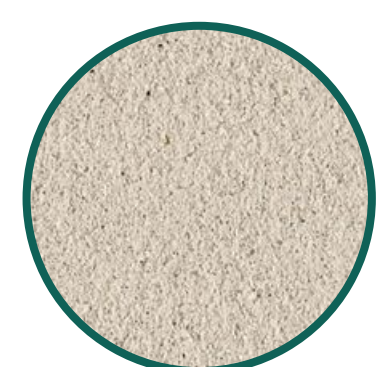
1. TRIQBRIQ wall
2. Straw building board
3. Clay plaster + reinforcing mortar *
4. Wood fibre insulation board approx. 120-160 mm, insulation thickness indicative
5. Adhesive and reinforcing mortar
6. Purely mineral decorative render *

*Note: All types of plaster and render are possible; the build-up shown is for illustration only

Additional materials



Straw building board



Clay plaster



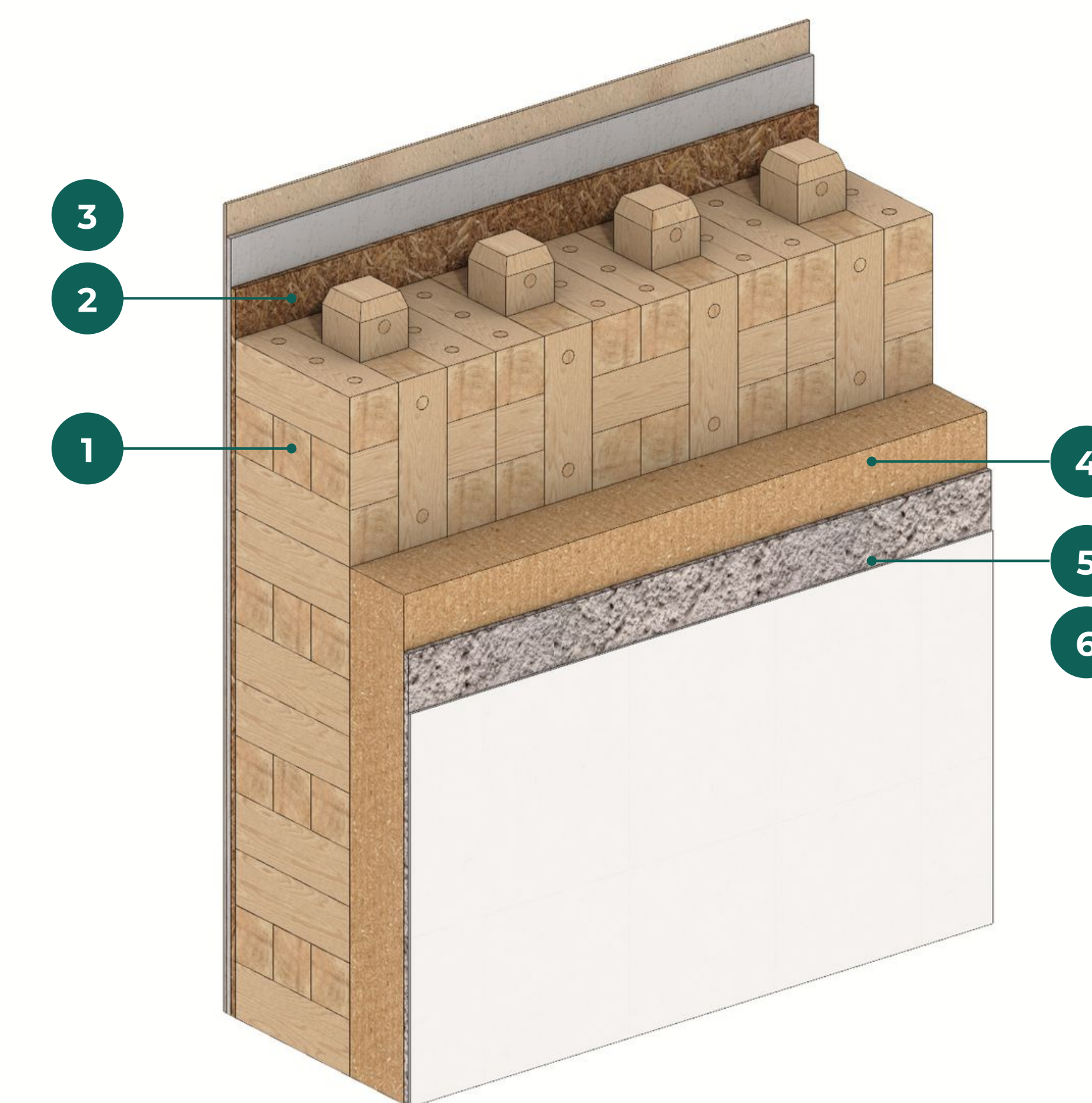
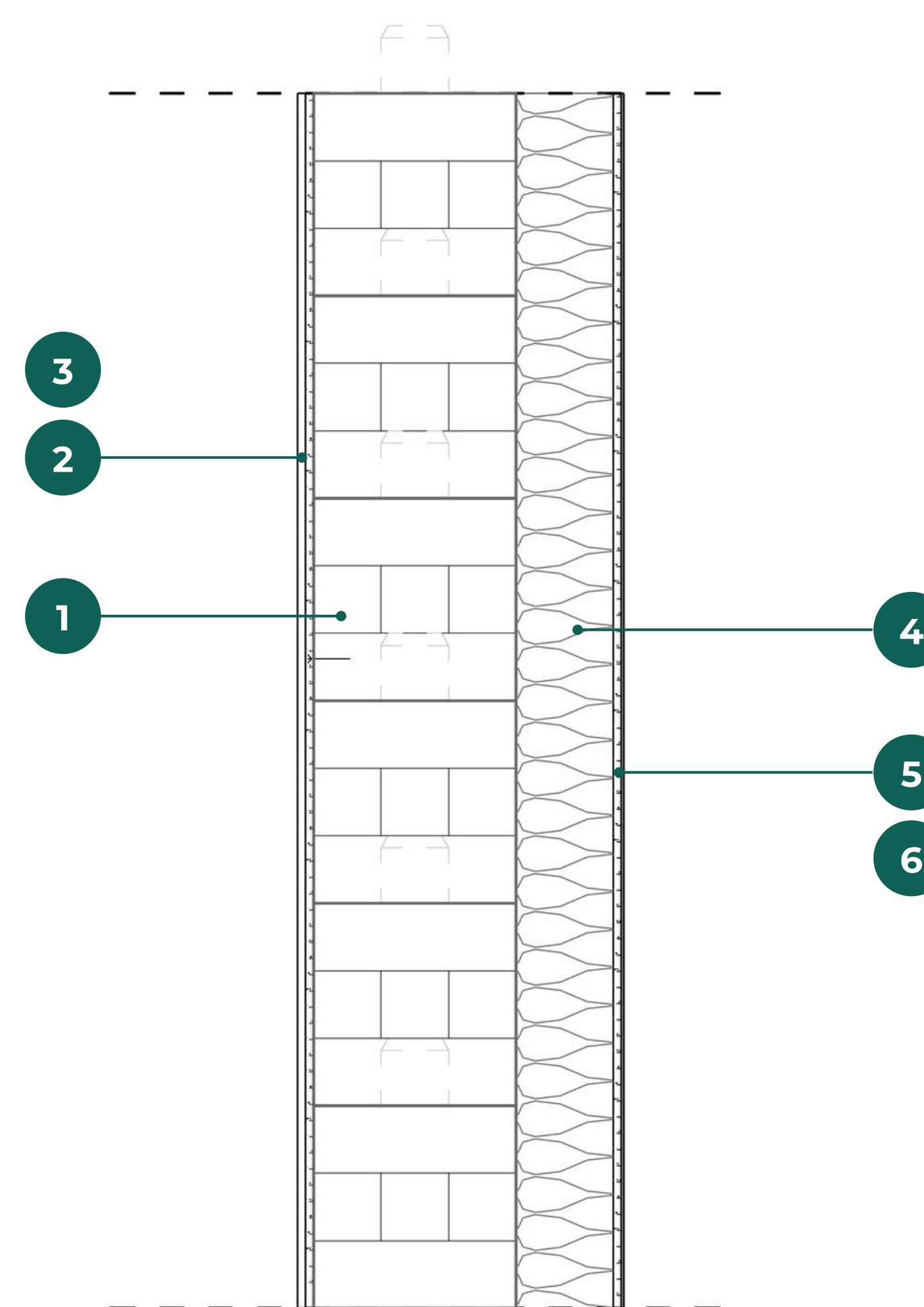
Wood fibre insulation



Mortar



Mineral render



WS25

WALL BUILD-UP

Reference number WS25_A_DE_503_F_1

Wall build-up to Efficiency House 40 requirements

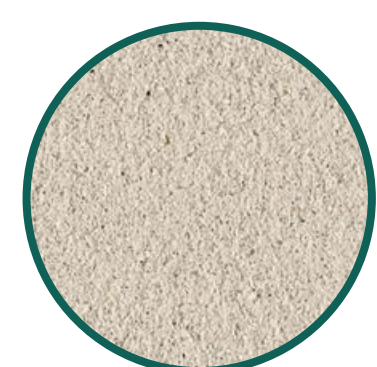
1. TRIQBRIQ wall
2. Straw building board
3. Clay plaster + reinforcing mortar *
4. Wood fibre insulation board approx. 200 mm, insulation thickness indicative
5. Adhesive and reinforcing mortar
6. Purely mineral decorative render *

*Note: All types of plaster and render are possible; the build-up shown is for illustration only

Additional materials



Straw building board



Clay plaster



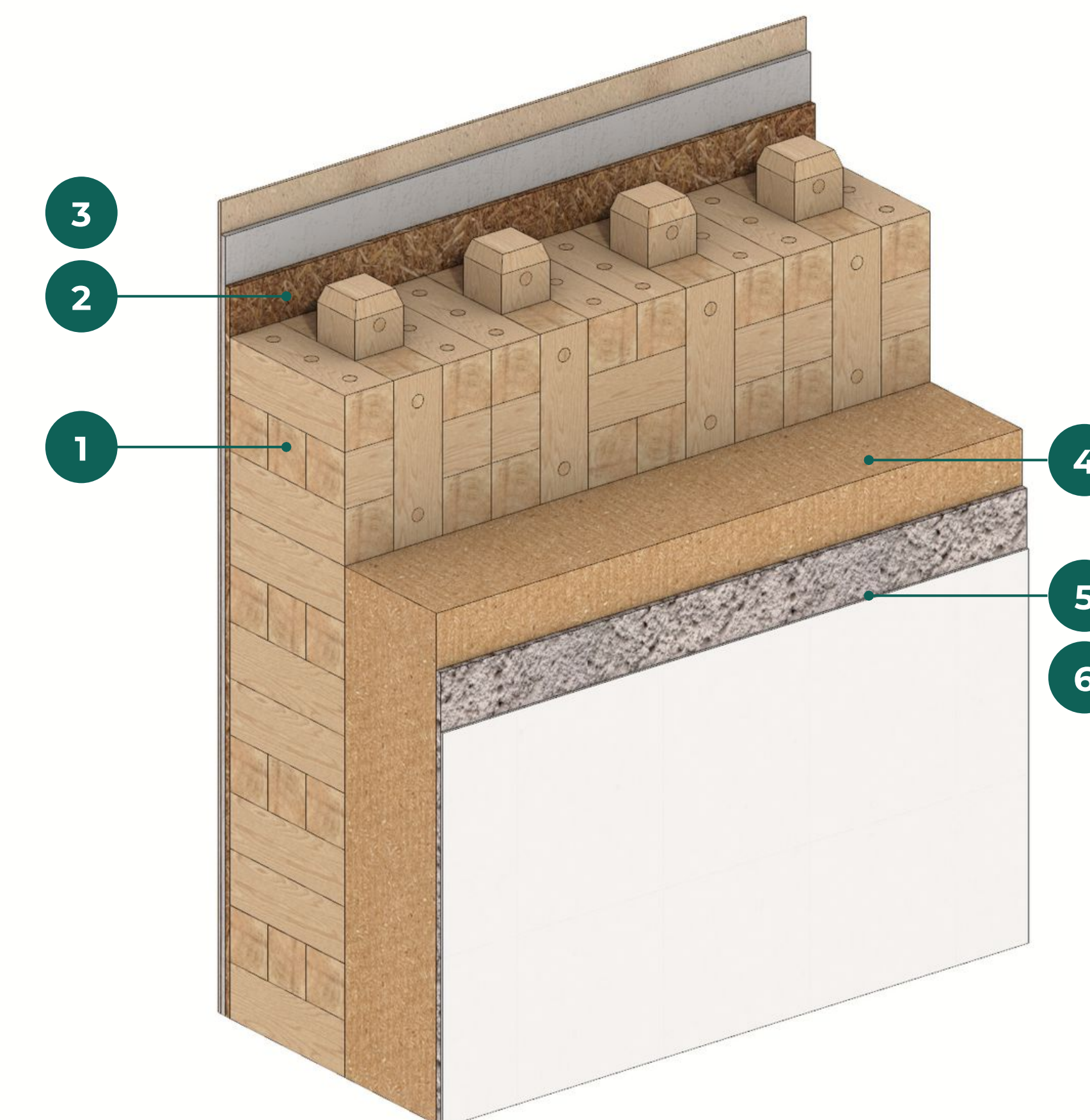
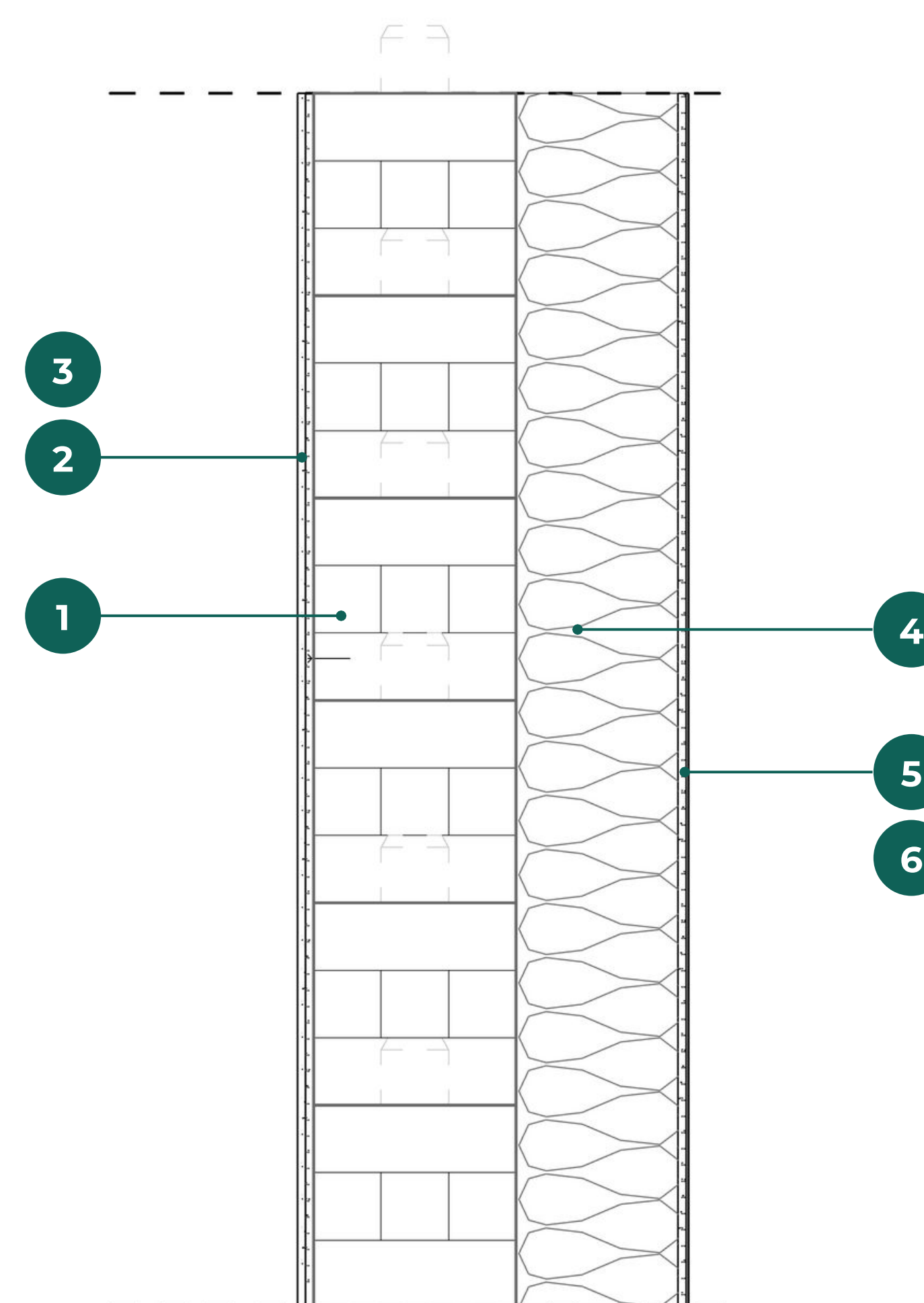
Wood fibre insulation



Mortar



Mineral render



WS25 WALL BUILD-UP

Reference number WS25_A_DE_504_F_1

Ventilated timber shingle façade

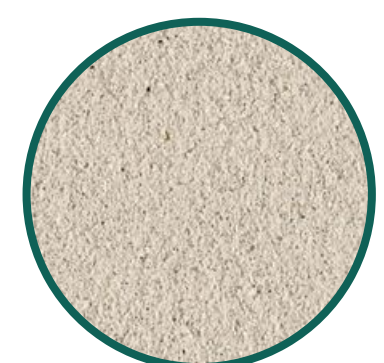
1. TRIQBRIQ wall
2. Straw building board
3. Clay plaster + reinforcing mortar *
4. Airtight membrane
5. Wood fibre insulation board
6. Battens + counter battens
7. Timber shingles

*Note: All types of plaster and render are possible; the build-up shown is for illustration only

Additional materials



Straw building board



Clay plaster



Airtight membrane



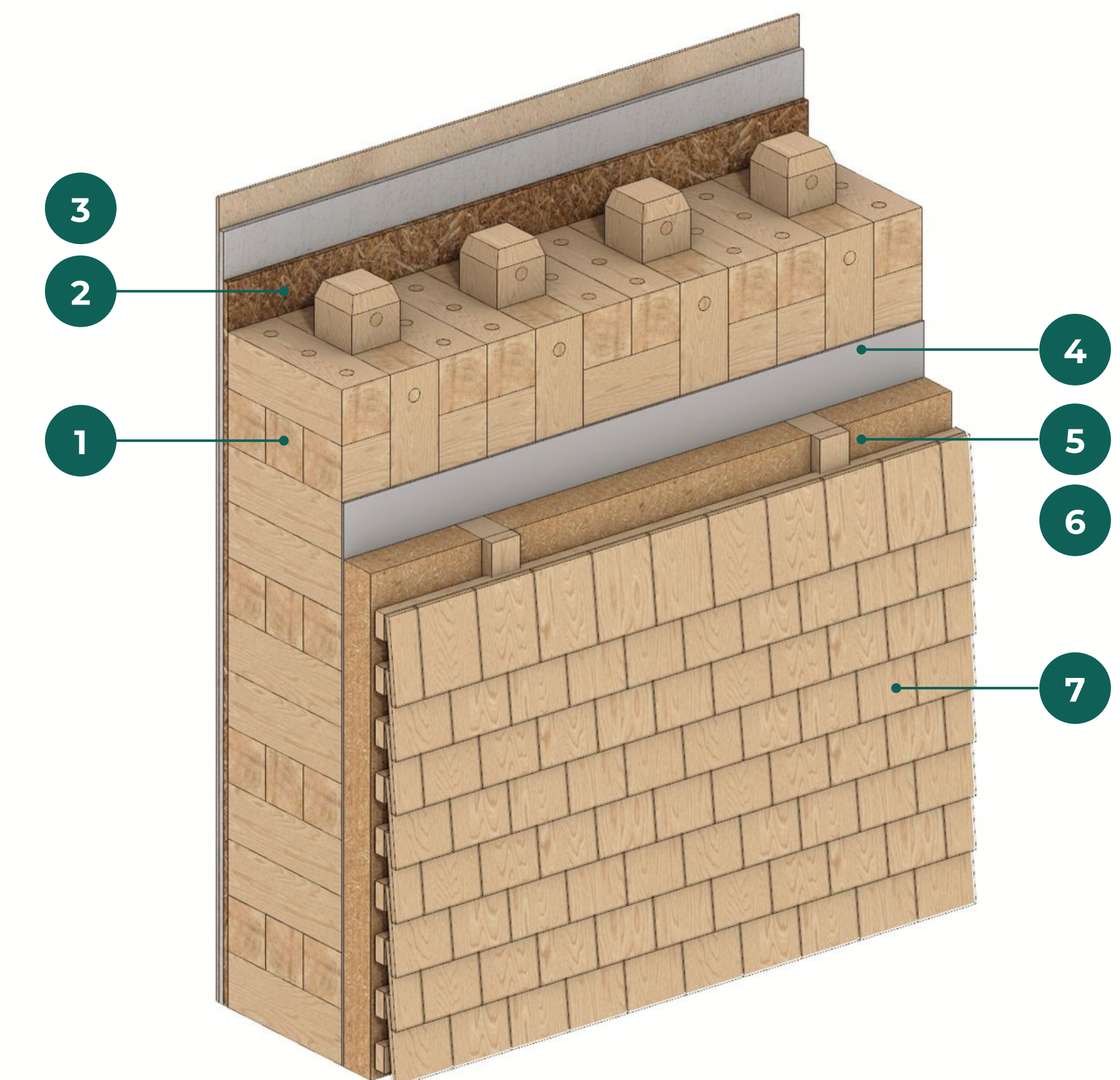
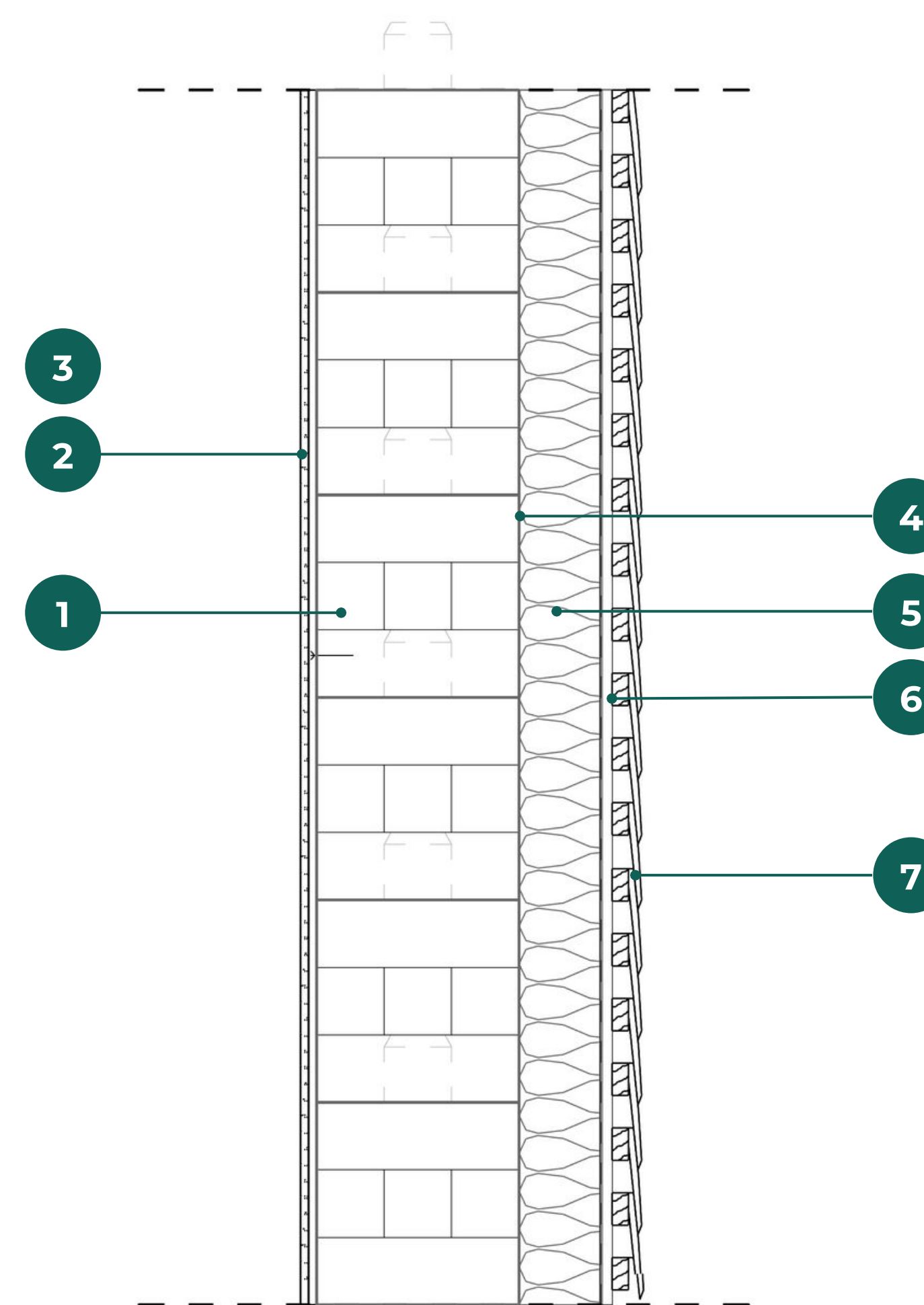
Structural solid timber



Wood fibre insulation



Timber shingles



WS25 WALL BUILD-UP

Reference number WS25_A_DE_505_F_1

ETICS & sprayed cork

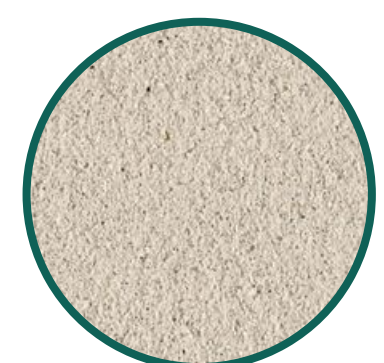
1. TRIQBRIQ wall
2. Straw building board
3. Clay plaster + reinforcing mortar *
4. Wood fibre insulation board
5. Natural lime filler
Levelling coat of natural lime filler
Reinforcing mesh
Thin coat of bonding primer
Natural sprayed cork in 3 coats

*Note: All types of plaster and render are possible; the build-up shown is for illustration only

Additional materials



Straw building board



Clay plaster



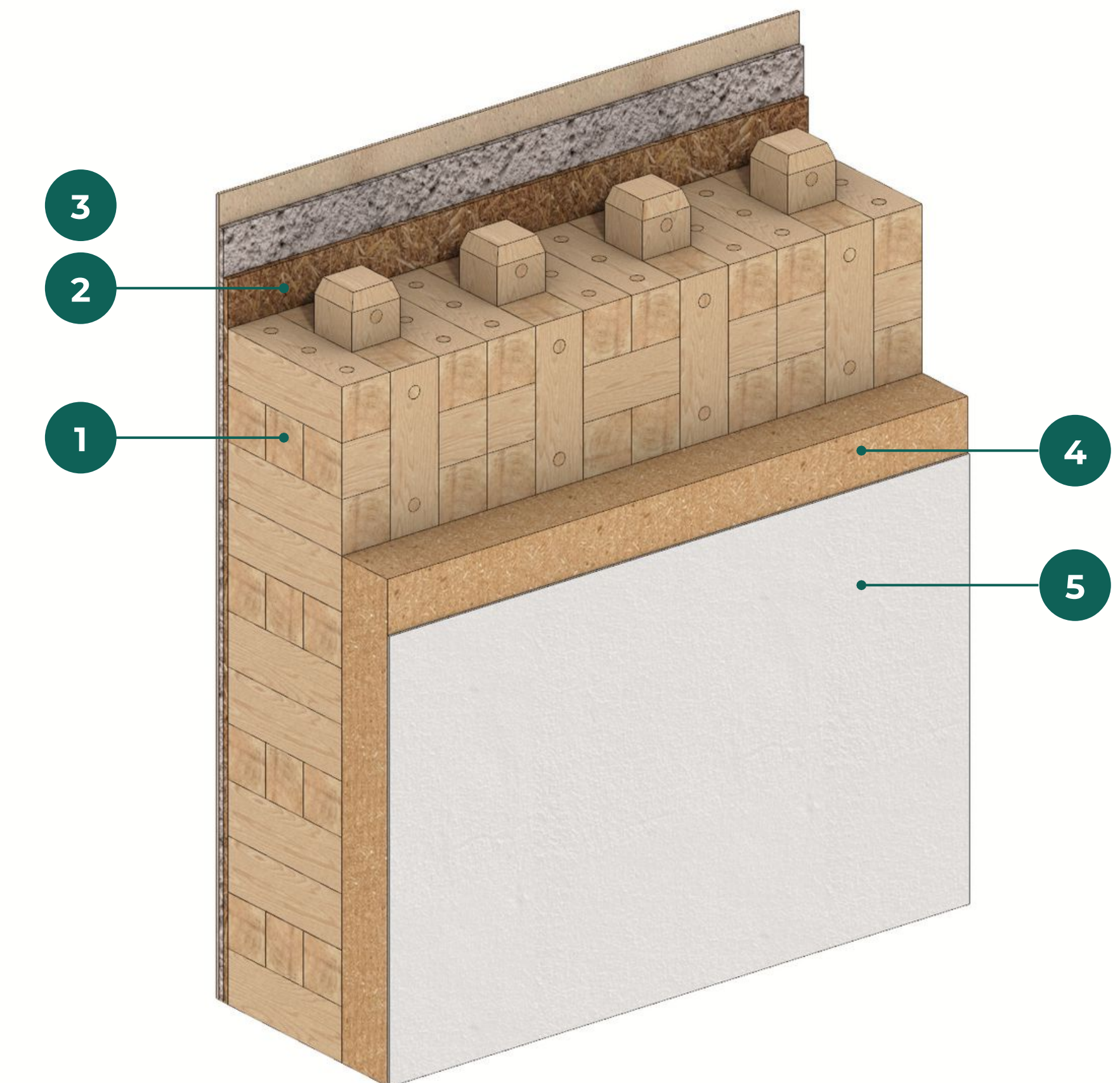
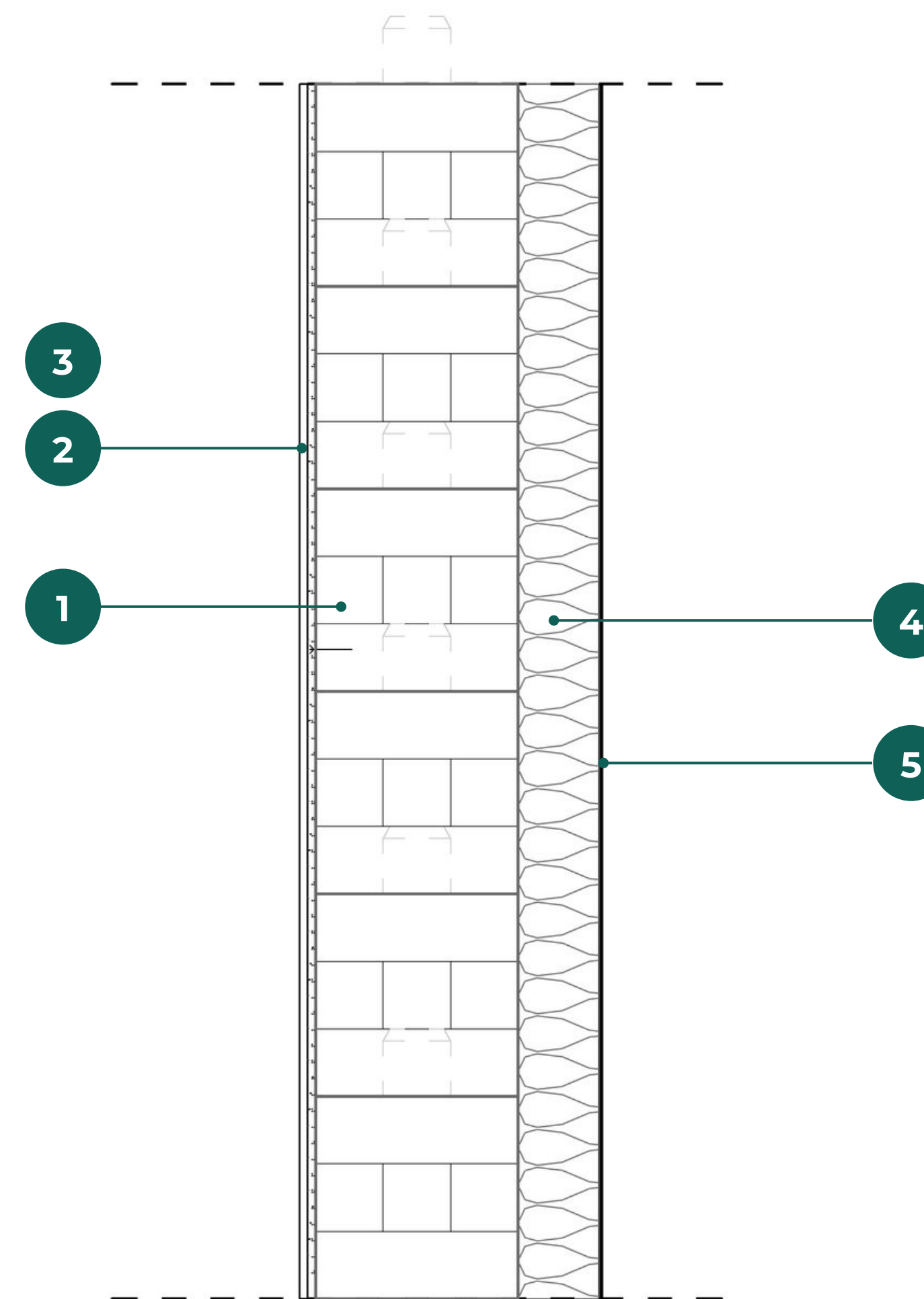
Wood fibre insulation



Filler



Sprayed cork



WS25 WALL BUILD-UP

Reference number WS25_A_DE_506_F_1

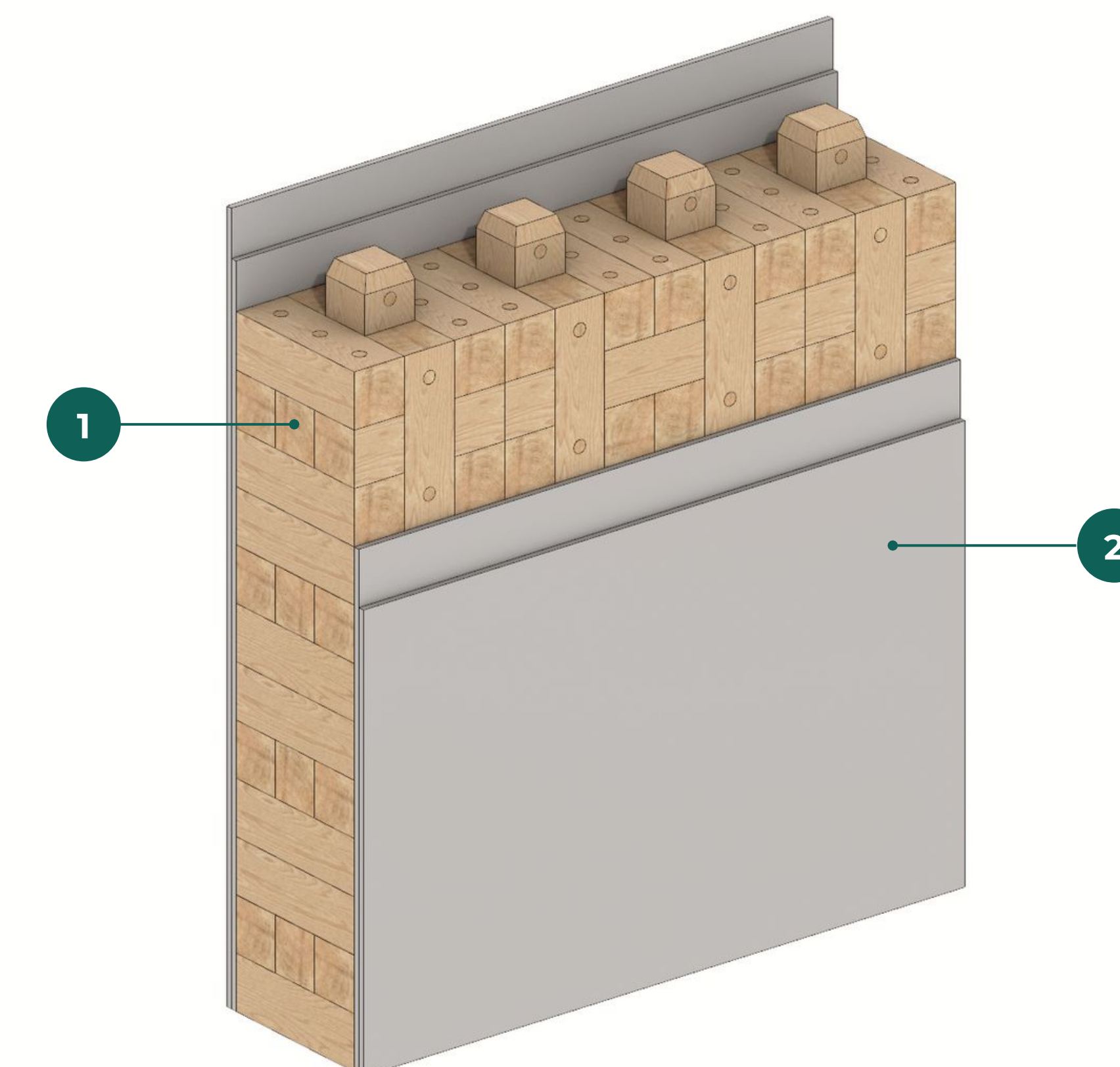
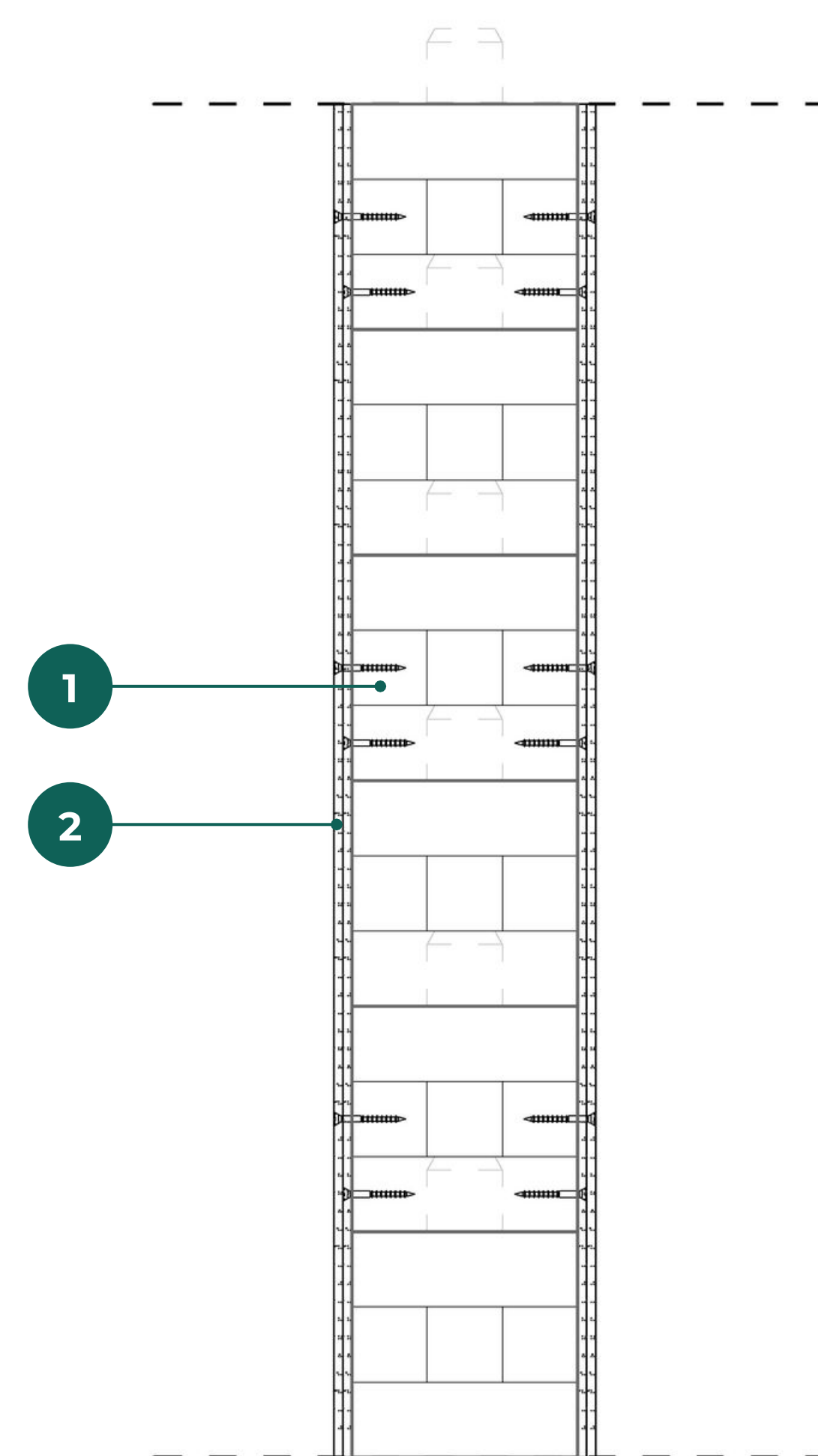
Fire-protective plasterboard lining (REI 120)

1. TRIQBRIQ wall
2. Plasterboard lining on both sides, double layer, 20 mm

Additional materials



Plaster-boards



WS25 WALL BUILD-UP

Reference number WS25_A_DE_507_F_1

Ventilated timber façade with straw insulation boards

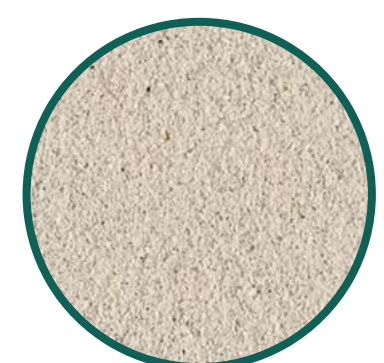
1. TRIQBRIQ wall
2. Straw building board
3. Clay plaster + reinforcing mortar *
4. Straw insulation boards
5. Airtight membrane
6. Battens + counter battens
7. Timber cladding profiles

*Note: All types of plaster and render are possible; the build-up shown is for illustration only

Additional materials



Straw building board



Clay plaster



Structural solid timber



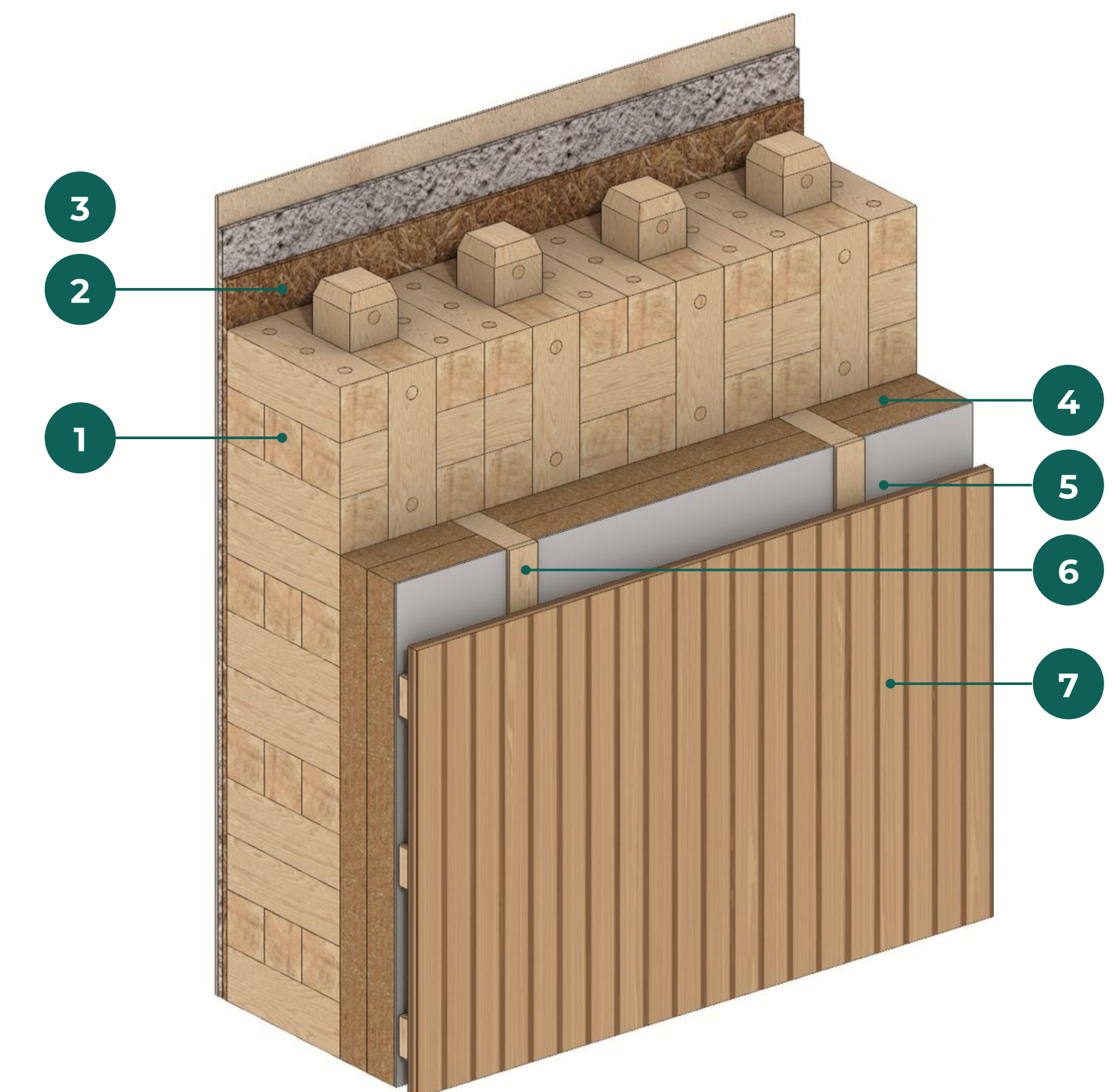
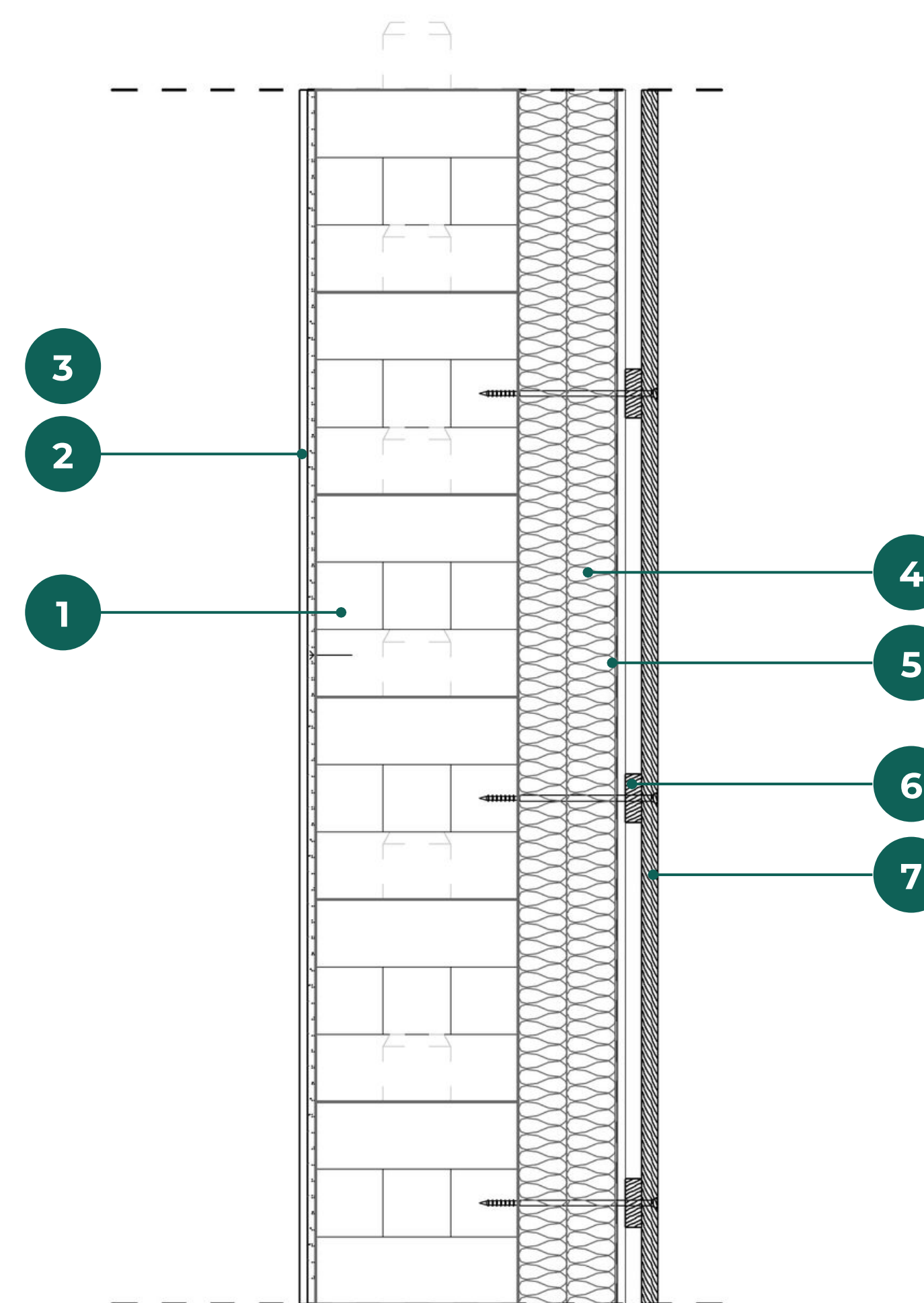
Airtight membrane



Straw insulation boards



Timber cladding profiles



WS25 WALL BUILD-UP

Reference number WS25_A_DE_508_F_1

Pre-cultivated façade panels

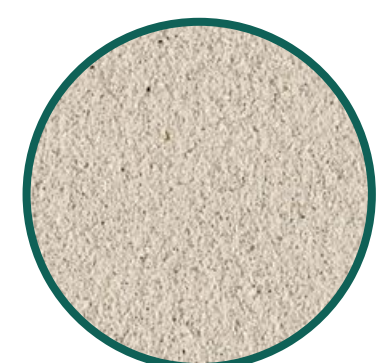
1. TRIQBRIQ wall
2. Straw building board
3. Clay plaster + reinforcing mortar *
4. Wood fibre insulation board
5. Airtight membrane
6. Aluminium or stainless steel brackets with thermal break
7. Pre-cultivated façade panels

*Note: All types of plaster and render are possible; the build-up shown is for illustration only

Additional materials



Straw building board



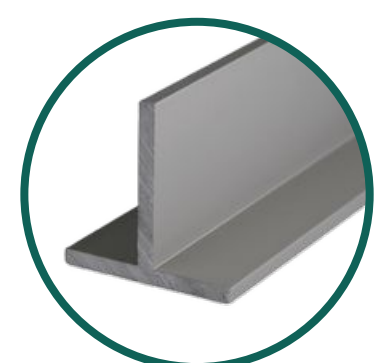
Clay plaster



Wood fibre insulation



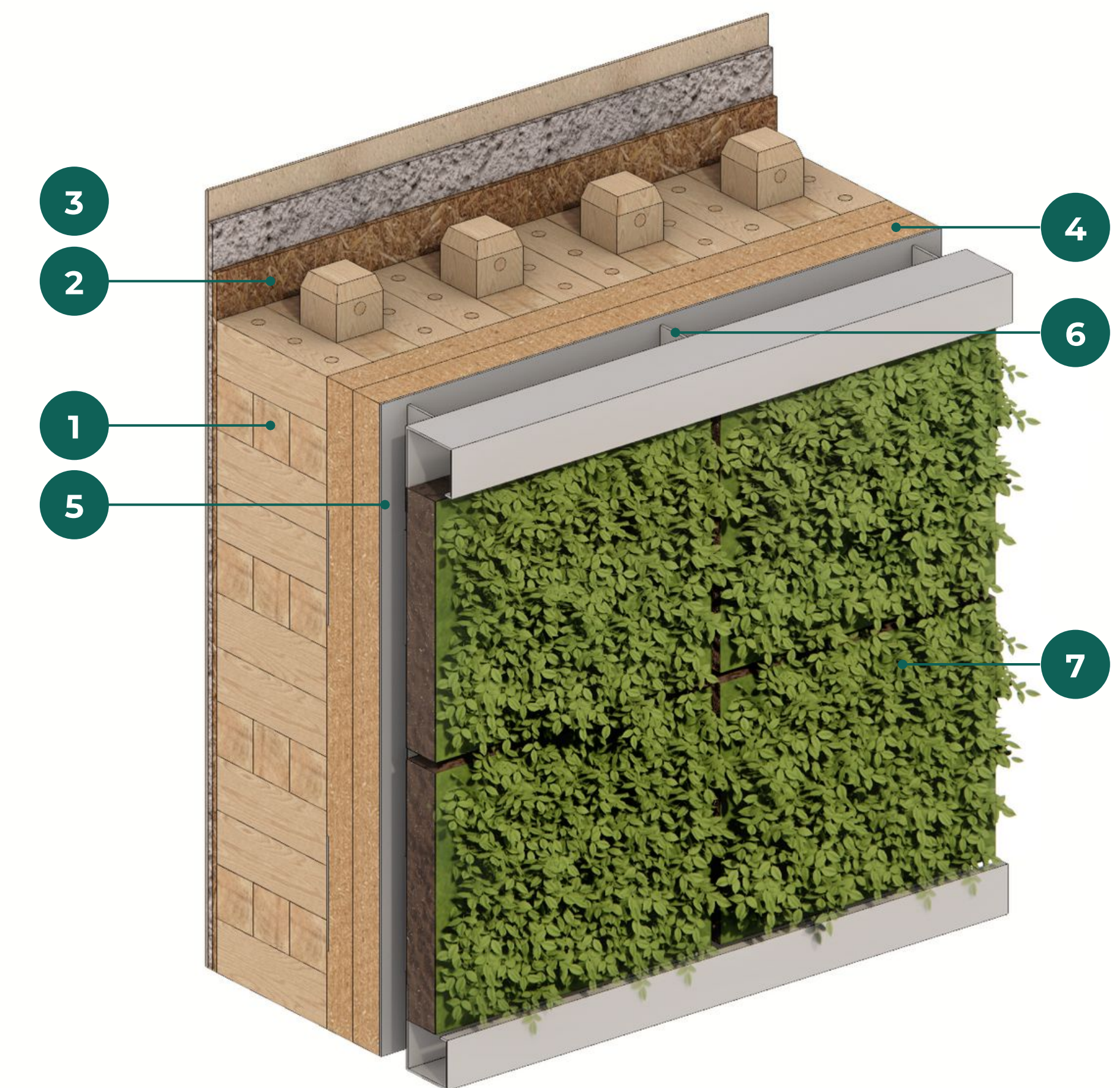
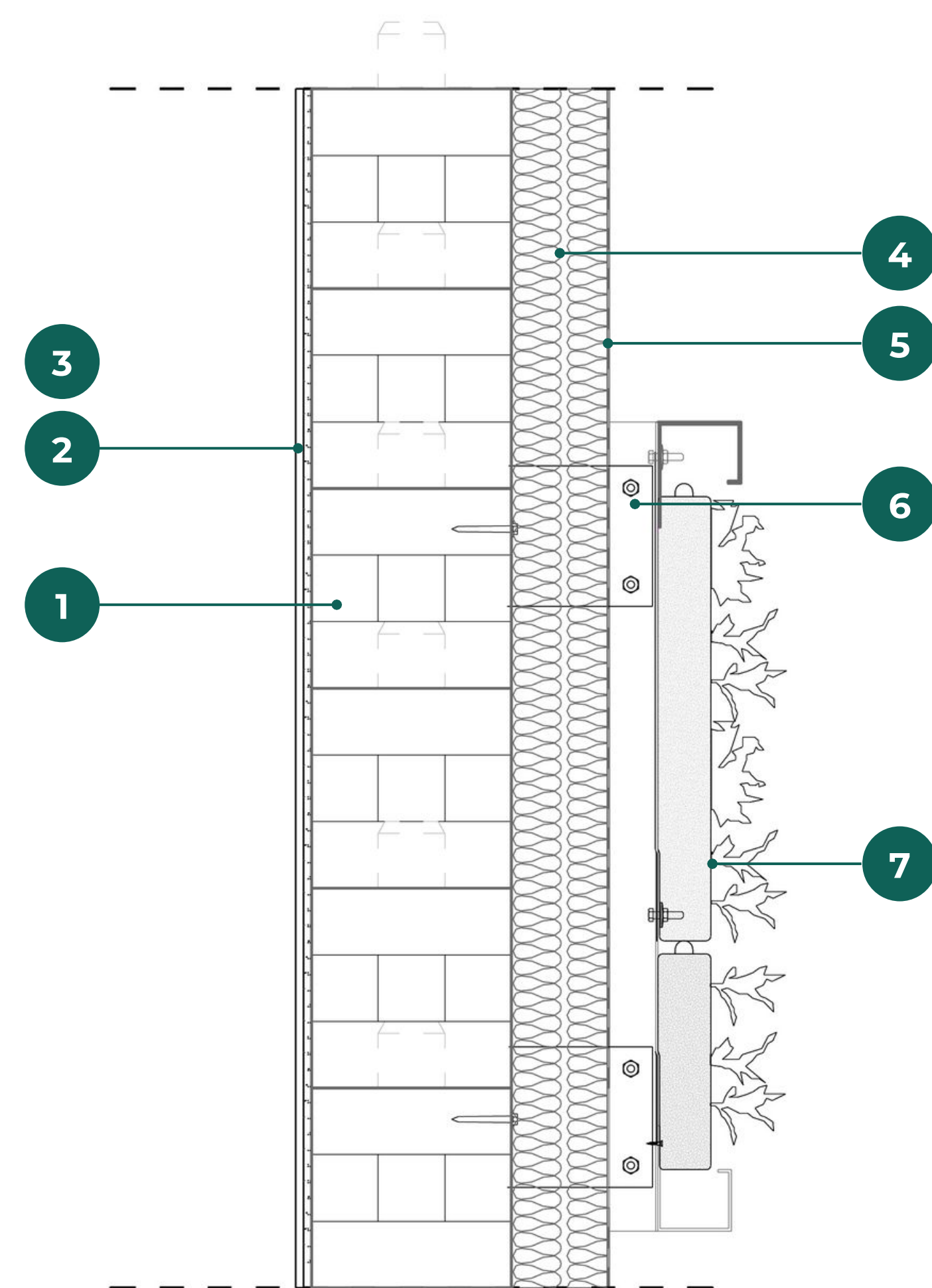
Airtight membrane



Aluminium profile



Façade greening



04

RESOURCES

Further planning & support

FURTHER PLANNING & SUPPORT

Data sheets and approvals

- Data sheets
- *allgemeine bauaufsichtliche Zulassung* (German national technical approval)
- Certificate of conformity

Sustainability

- EPD
- Declaration of performance

Studies

- Feasibility study for various building typologies

Technical documents

- CAD and BIM models
- Connection details
- Quantity take-off form
- Fire resistance test
- Thermal protection verifications
- Structural design calculations
- Site manual
- Material and tool list

Reference calculations

- Building physics reference calculation (C2C model house, EH40, sprayed cork, ...)

Connection systems

- List of manufacturers

Work preparation

- Tender specifications
- Sample assembly plan

Press material

- Various materials

Download portal:

<https://triqbriq.de/downloads/>

HOLEN SIE SICH WEITERE INFORMATIONEN!

TECHNISCHE UNTERLAGEN ZUM DOWNLOAD

Sie benötigen weiterführende Informationen über unser Holzbausystem? Gerne stellen wir Ihnen hier technische Unterlagen und Informationen zum Download zur Verfügung. Bitte hinterlassen Sie hierzu Ihren Namen und Ihre E-Mail-Adresse. Anschließend haben Sie direkt Zugriff auf unseren Downloadbereich.

Name *

Frau

Anrede Vorname Nachname

Firma

Bitte geben Sie hier Ihren rechtsgültigen Unternehmensnamen ein (ggf. inklusive Rechtsform wie AG, GmbH, KG o.ä.).

Branche *

Bitte auswählen

E-Mail *

Telefon *

+49 711 25281580

Landesvorwahl Vorwahl Telefon-Nr.

Einverständnis *

☐ Ich stimme zu, dass meine Angaben und Daten laut Datenschutzerklärung elektronisch erhoben und gespeichert werden und die TRIQBRIQ AG mit weiteren Informationen auf mich zukommen darf.

SENDEN



MORE INFORMATION ON OUR WEBSITE:

TRIQBRIQ AG
Stuttgarter Straße 115
70469 Stuttgart

<https://triqbriq.de/>

Phone: +49 711 25281580

Mail: info@triqbriq.de