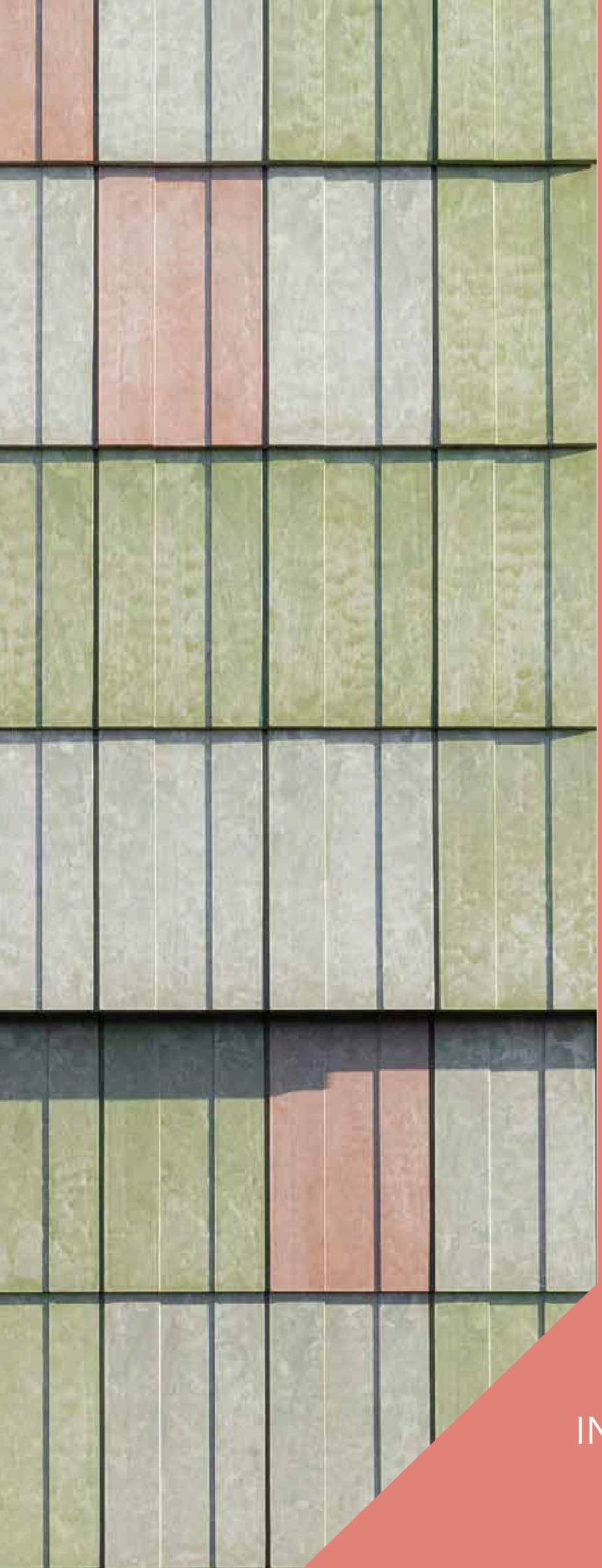
FRONT® Sustainable Building Materials

Pretty Plastic Panels

Basic Third

Installation Guide





Pretty Plastic

building from waste

info@prettyplastic.nl
www.prettyplastic.nl
@we_are_prettyplastic

BASIC THIRD
INSTALLATION MANUAL

April 2026

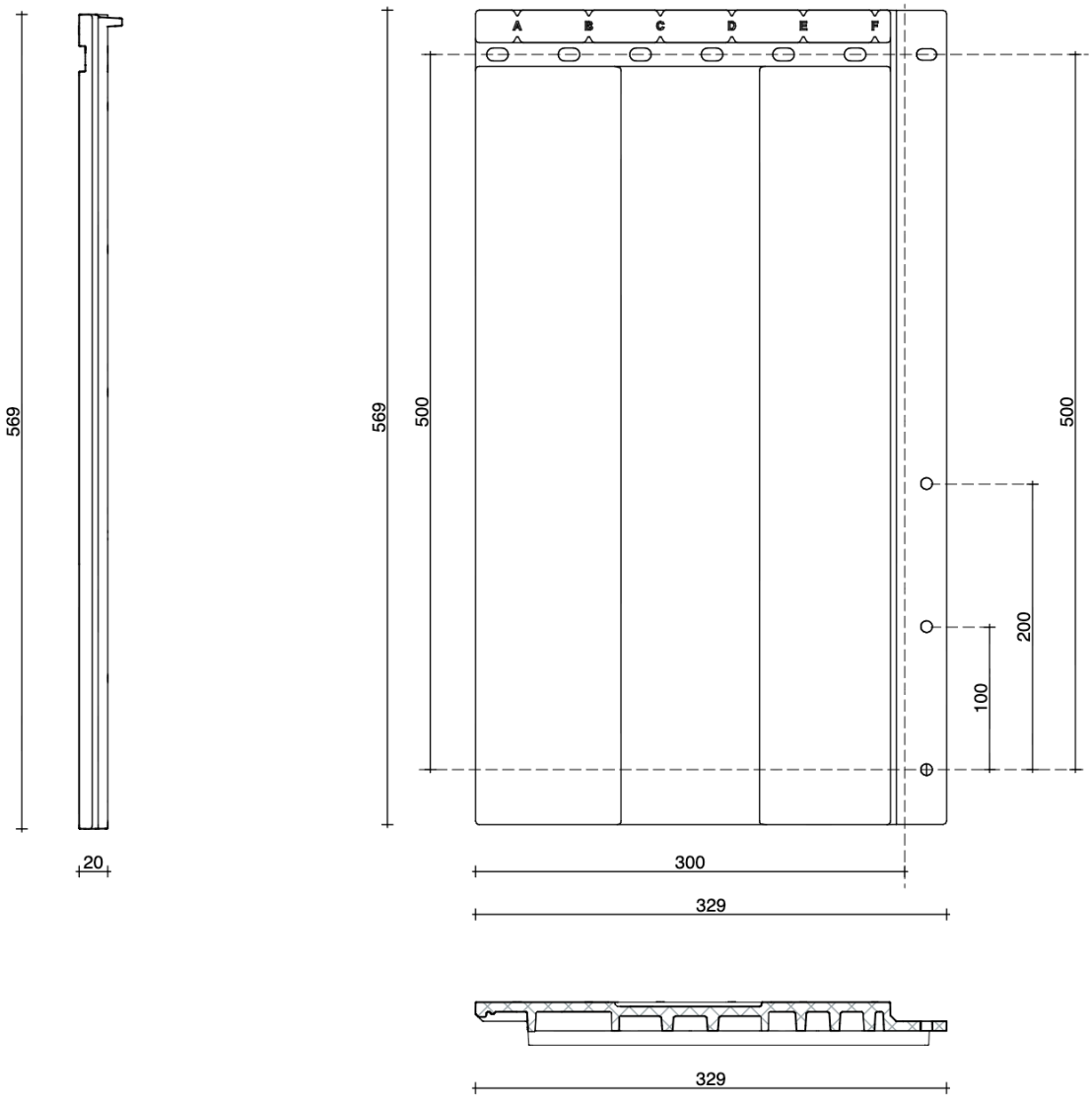
INSTALLATION MANUAL

Pretty Plastic
building from waste

PRODUCT NAME BASIC THIRD

TECHNICAL DATA

HEIGHT	569 mm
WIDTH	329 mm
THICKNESS	30 mm
NUMBER OF TILES PER M²	6.7
WEIGHT PER TILE	2.5 kg
WEIGHT PER M²	16.75 kg
MATERIAL	recycled Polyvinyl chloride (PVC)
FLAMMABILITY (EN 13501-1:2018)	B-s3,d0
PRODUCTION TOLERANCES	+/-2%



260401 V12

INSTALLATION MANUAL

PRODUCT NAME BASIC THIRD

Pretty Plastic
building from waste

PRODUCT
Pretty Plastic tiles are used in ventilated roofs and façades, suitable for both renovation and new-build projects.

PROCESSING
Pretty Plastic can be cut or drilled without splintering. Tiles can be cut using a jigsaw, circular saw, or hand saw. Always use a shop vacuum when cutting tiles with a power saw to prevent dust spreading into the environment. Collect cutting waste separately to prevent it from being blown away, and ensure proper waste management.

APPLICATION
- Pretty Plastic tiles can be installed on façades and roofs with slopes between 15 and 90 degrees, provided a water-resistant layer is applied.
- Correct and compliant installation is the responsibility of the structural engineer and must be verified accordingly.

PAINTING
Pretty Plastic tiles are not intended to be painted.

MAINTENANCE
Pretty Plastic is maintenance-free and can be cleaned using standard household cleaning products.

CIRCULAR TAKE-BACK STATEMENT
Pretty Plastic is committed to a circular economy where waste is minimised and materials remain in continuous use. Our tiles are made from 100% recycled PVC and are specifically designed for upcycling. For details on returning, reusing, and upcycling Pretty Plastic tiles, please refer to our 'Circular Take-Back Statement' at www.prettyplastic.nl.

INSTALLATION
Pretty Plastic tiles should be fixed to a wall or roof using an underlying wooden structure made of timber battens. Minimum quality: C16. Minimum batten section: 24 mm x 48 mm. Screws must not protrude through the batten.

- Install horizontal battens with 500 mm spacing on a vertical substructure set 600 mm apart.
- The vertical substructure creates a ventilated cavity.
- Provide ventilation openings at both the top and bottom of the façade.
- Secure each tile using either one or three screws, depending on the building height and the local wind load in accordance with NEN-EN 1991-1-4. For detailed information, please refer to our construction report.
- Maintain a 10 mm gap to achieve a centre-to-centre distance of 300 mm.
- For corner ends and window frame connections, refer to the proposed detail drawings for various possible solutions.

FASTENERS
The following screw specifications must be met:
- Application: Suitable for exterior façade use
- Minimum screw head diameter: ≥ 13.6 mm washer head
- Minimum axial resistance of connection: $F_{ax;Rd} \geq 0.90$ kN

Recommended screw: SPAX Wood construction screw stainless steel A2, Ø 6 mm

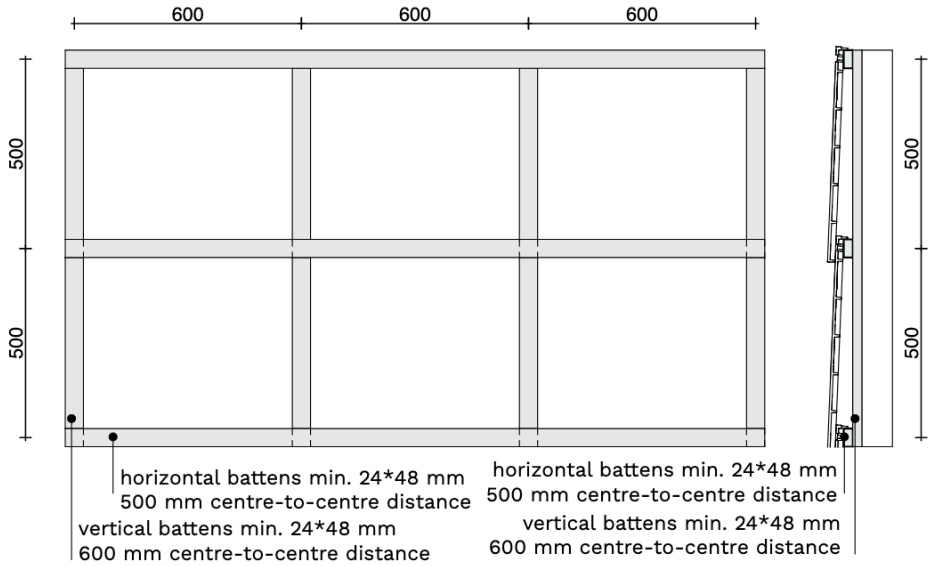
Note: With the given screw specifications and minimum axial resistance value, the façade contractor shall determine the required substructure and fasteners (batten and/or stud sections, material type, screw length, embedment depth, etc.) in function of the substructure material.

INSTALLATION MANUAL

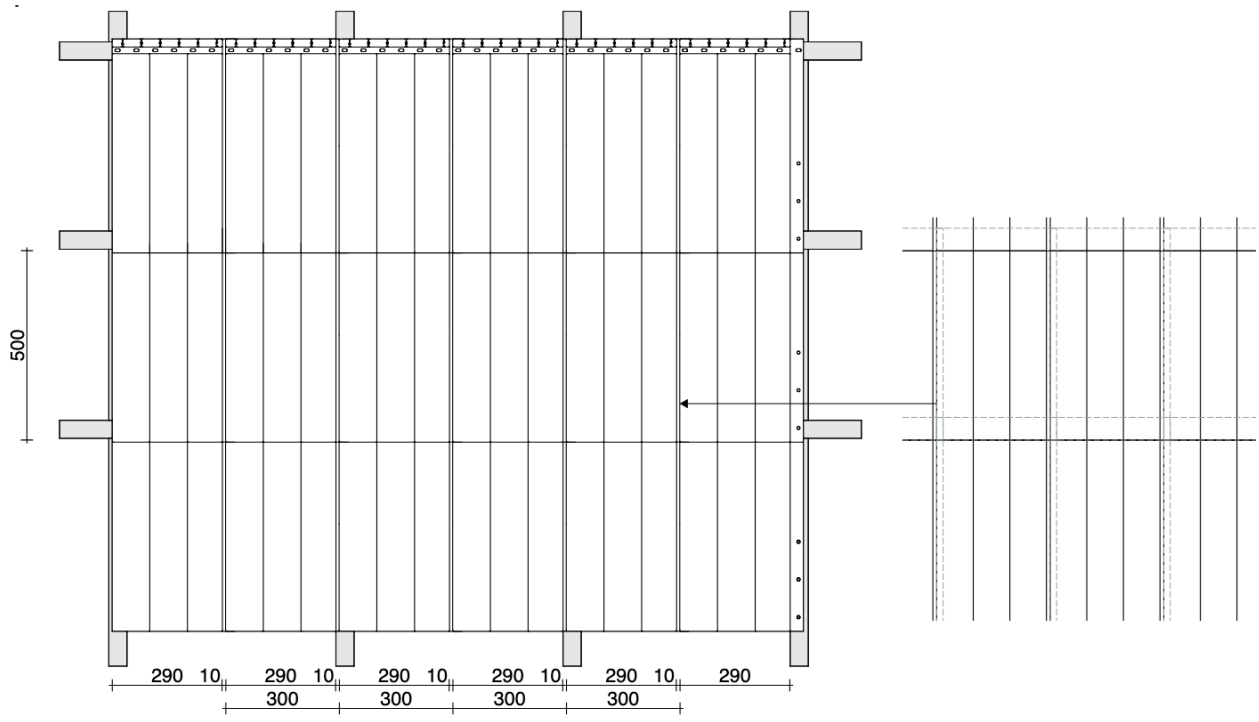
Pretty Plastic
building from waste

PRODUCT NAME BASIC THIRD

WOODEN STRUCTURE



TILE PATTERN

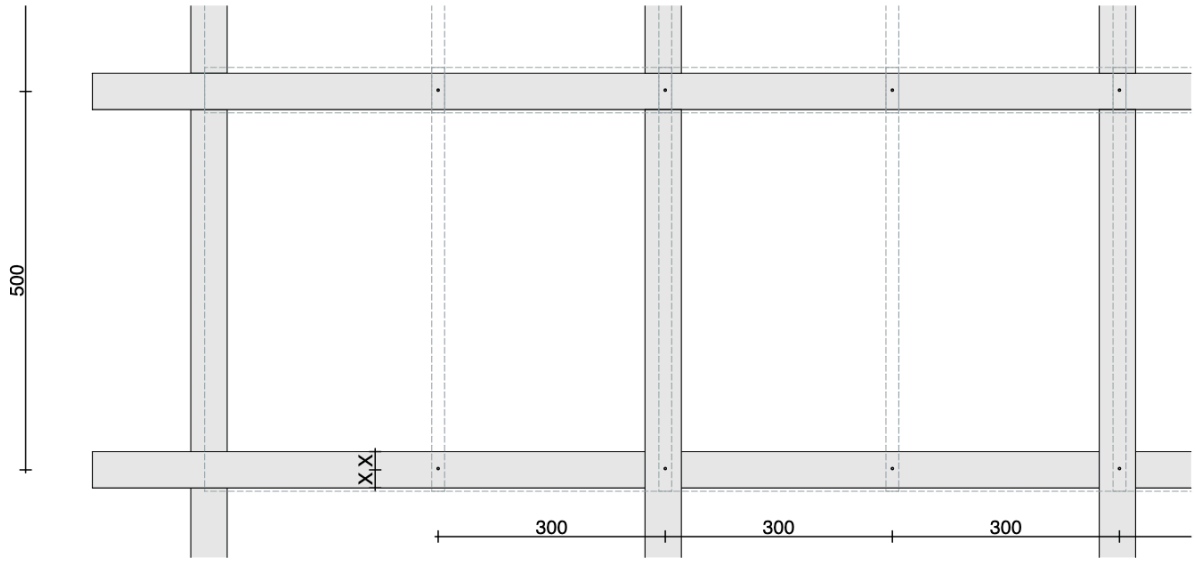


INSTALLATION MANUAL

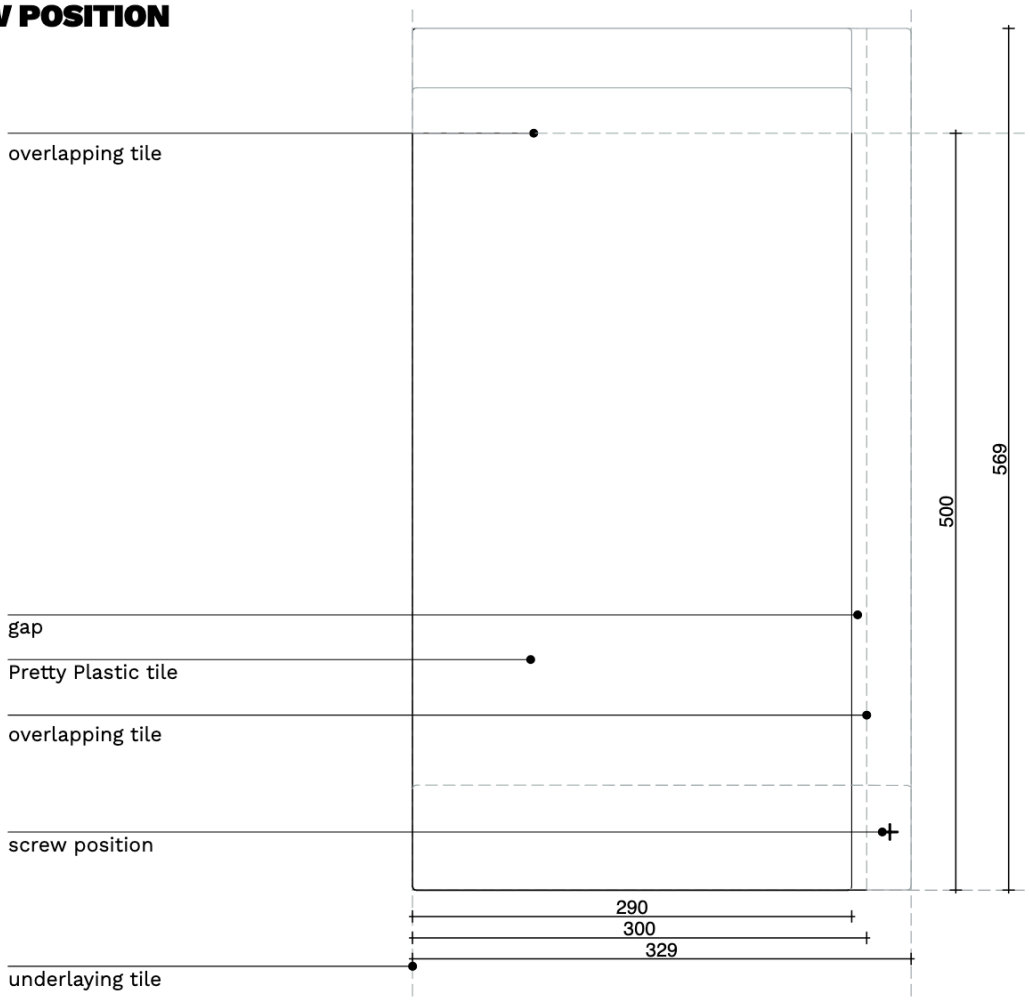
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MEASURE PLAN



SCREW POSITION

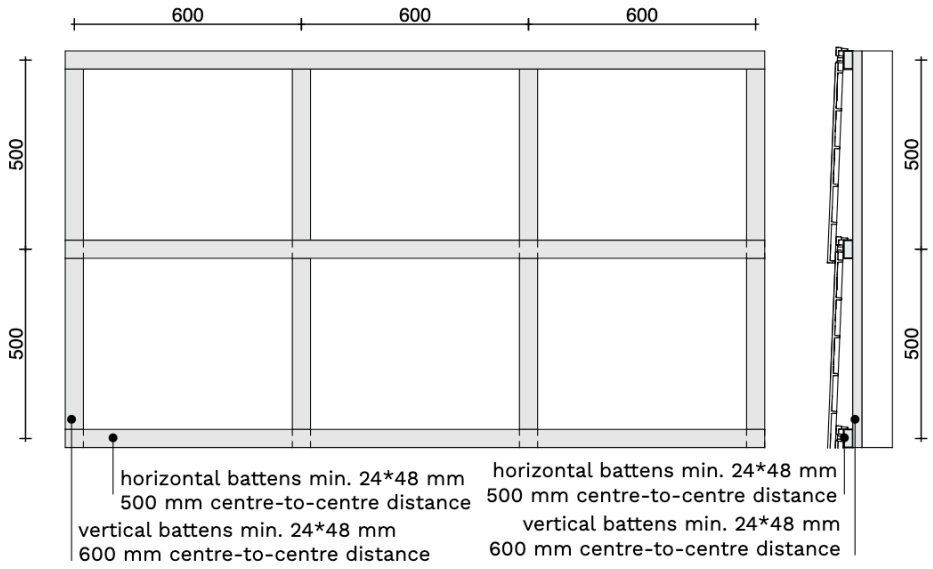


INSTALLATION MANUAL

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building from waste

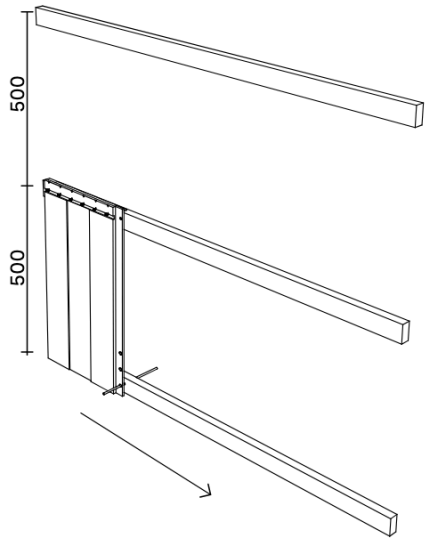
PRODUCT NAME BASIC THIRD

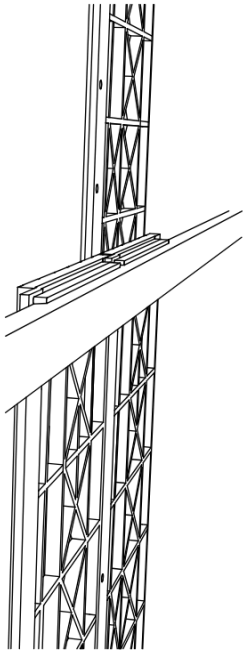
STEP 1



1. Construct a wooden framework in front of the insulated wall.

STEP 2





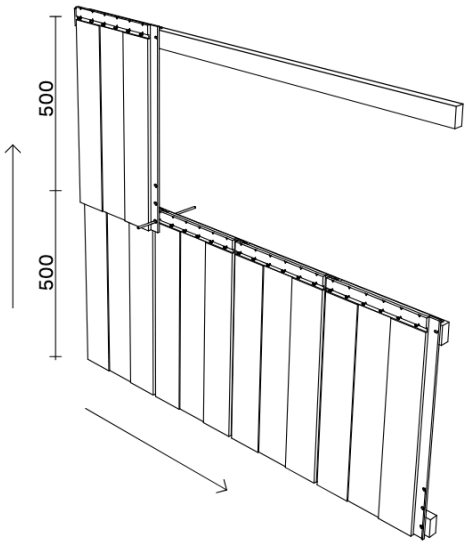
2. Start at the bottom left corner and secure the tile with a single screw on the right side at the bottom of the tile. Each tile requires only one screw. Use the tab on the back of the tile to hang it easily onto the timber structure. Continue installing the tiles sequentially to the right to complete the row.

INSTALLATION MANUAL

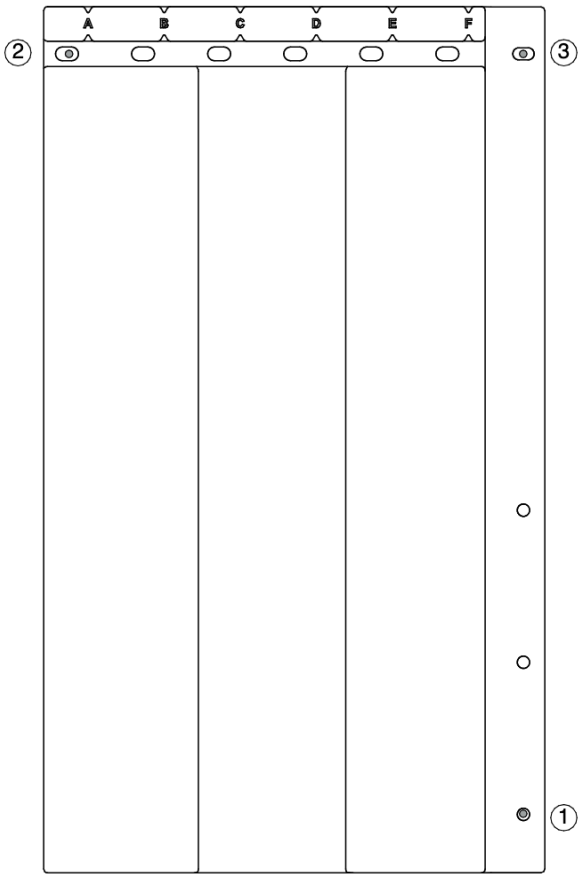
PRODUCT NAME BASIC THIRD

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STEP 3



3. After completing the first row, continue with the next row. Use one screw at the bottom right to secure three tiles.



POSITION OF SCREWS

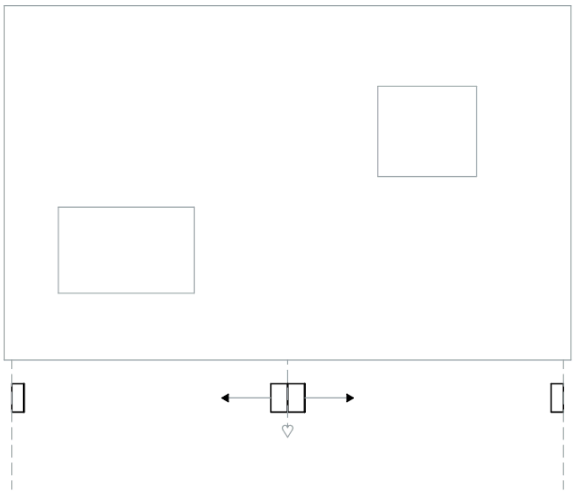
Screw position 1: Secure the screw directly through two tiles.
Screw position 2: Secured when fastening the upper left tile.
Screw position 3: Secured when fastening the tile above.

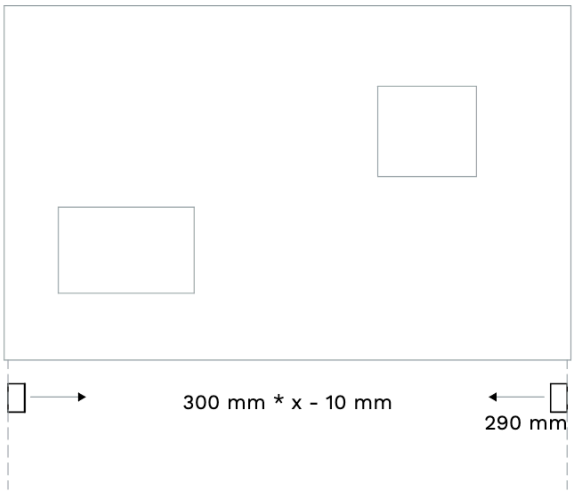
INSTALLATION MANUAL

PRODUCT NAME BASIC THIRD

Pretty Plastic
building from waste

DESIGN SUGGESTIONS



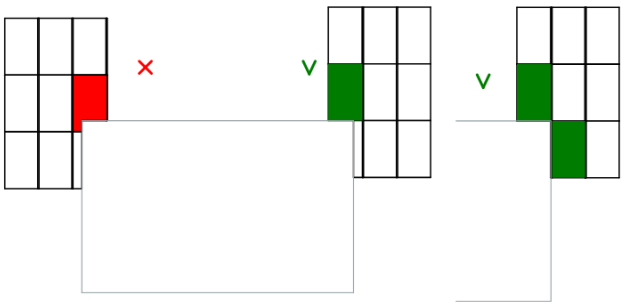


OPTION A

- • Start from the centre to ensure two identical corner endings.
- • Ideal when using a corner profile.

OPTION B

- • Start from a corner, using a full tile to achieve a tidy corner finish.
- • If necessary, adjust the gap by up to +3 mm or -10 mm.



v
300 mm * x - 10 mm

larger gap:
301 mm * x - 11 mm
302 mm * x - 12 mm
303 mm * x - 13 mm

smaller gap:
299 mm * x - 9 mm
298 mm * x - 8 mm
297 mm * x - 7 mm
296 mm * x - 6 mm
295 mm * x - 5 mm
294 mm * x - 4 mm
293 mm * x - 3 mm
292 mm * x - 2 mm
291 mm * x - 1 mm
290 mm * x

WINDOW CORNERS

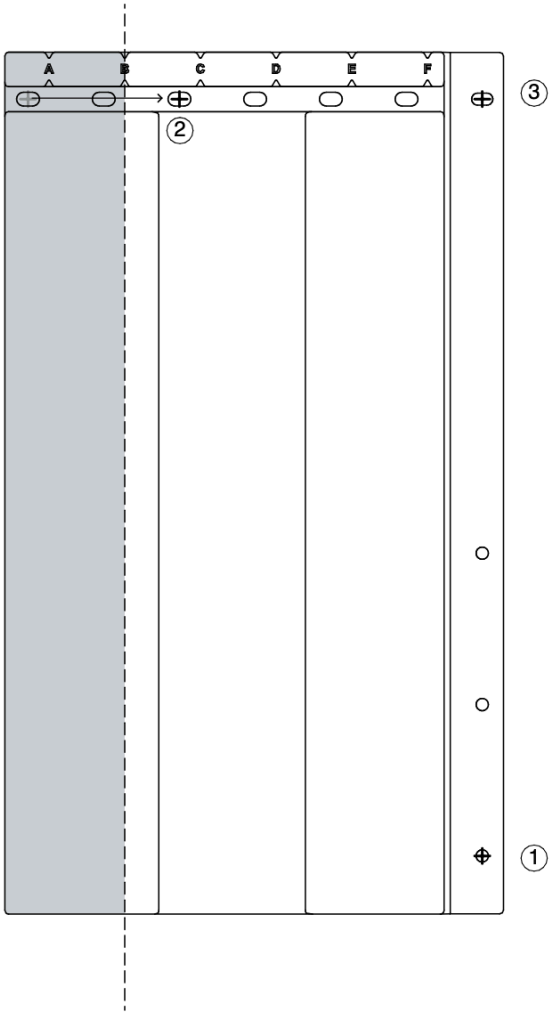
Cut tiles in a straight line where possible, instead of sawing a corner.

INSTALLATION MANUAL

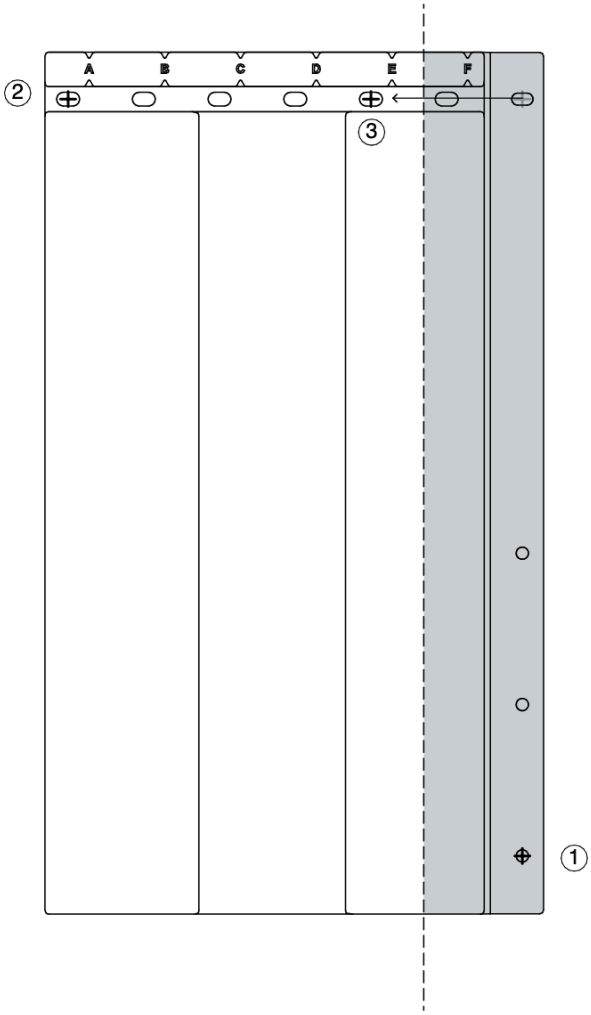
PRODUCT NAME BASIC THIRD

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DESIGN SUGGESTIONS



When cutting the tile on the left side, add an extra screw along screw line 2. This screw will go through just one tile instead of three, while still keeping the tile securely in three positions.



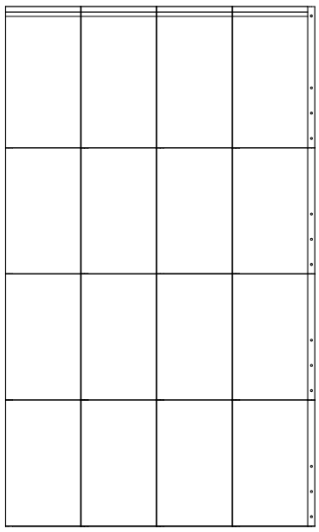
When cutting the tile on the right side, screw position 1 cannot be used. Secure the tile using screw positions 2 and 3 instead.

INSTALLATION MANUAL

PRODUCT NAME BASIC THIRD

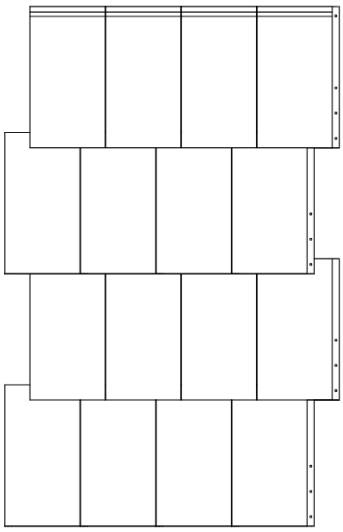
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PATTERN OPTIONS



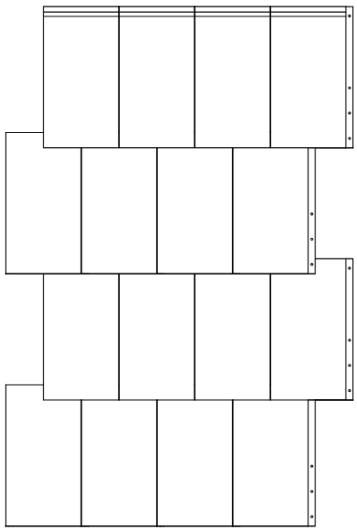
standard pattern
tile bond
300 × 500 mm,

use pre-made holes



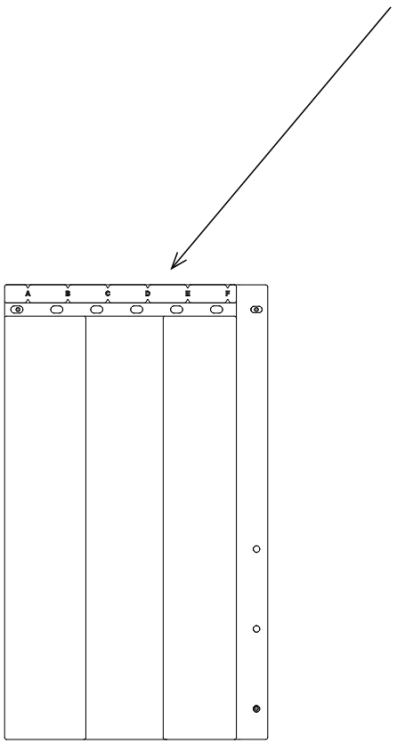
alternative pattern
uneven stretcher bond
300 × 500 mm,

use pre-made holes
and top markers for tile
alignment



alternative pattern
stretcher bond
300 × 500 mm,

use pre-made holes
and top markers for tile
alignment

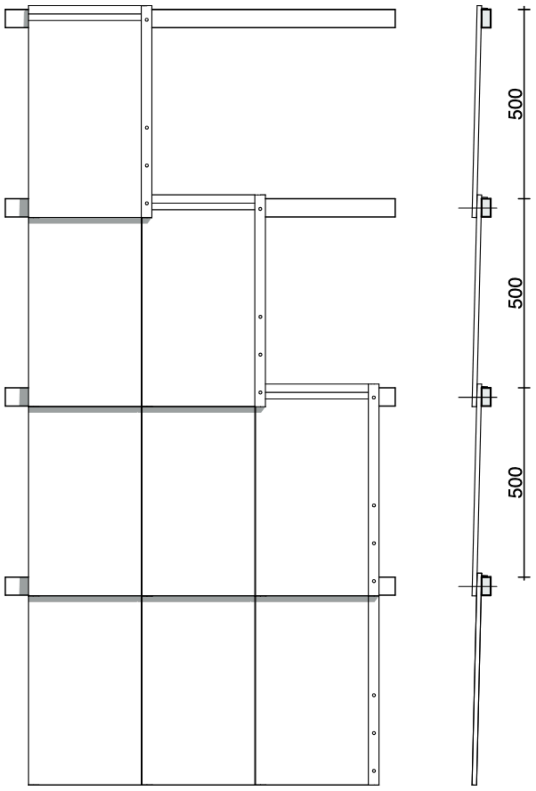


INSTALLATION MANUAL

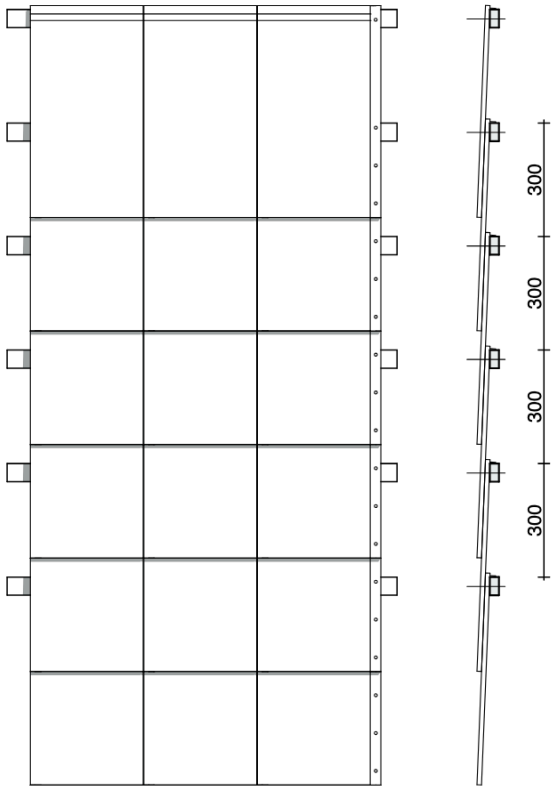
PRODUCT NAME BASIC THIRD

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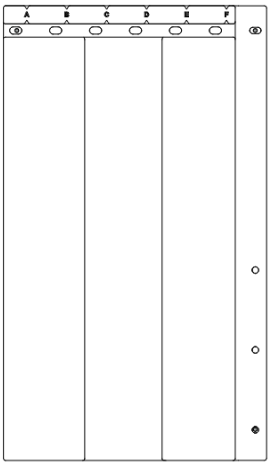
VERTICAL DISTRIBUTION OPTIONS



standard pattern
500 mm



smallest pattern
300 mm
(more tiles per m2 are needed)



< screw position 300 mm

< screw position 400 mm

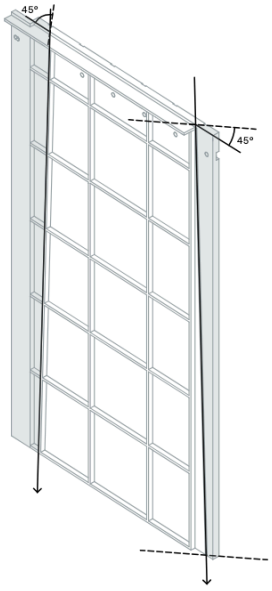
< standard screw position 500 mm

INSTALLATION MANUAL

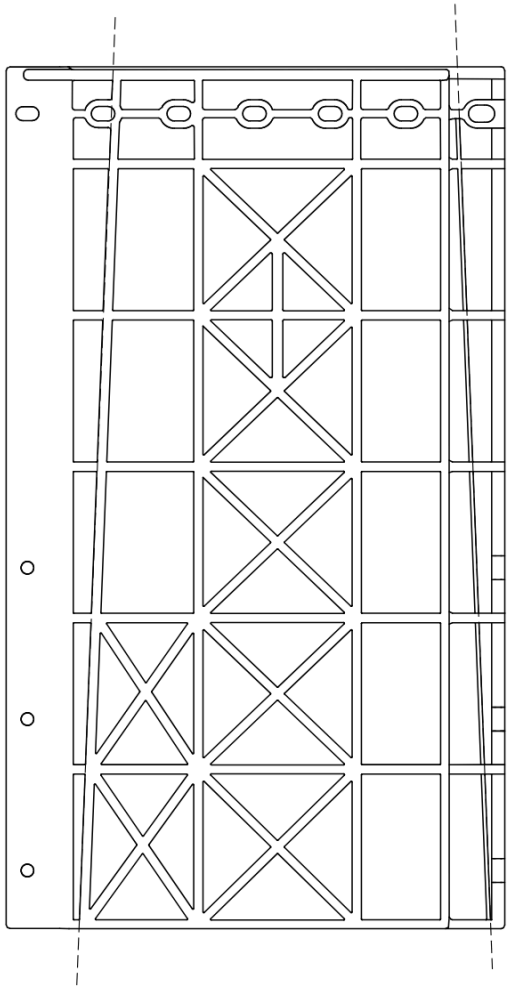
PRODUCT NAME BASIC THIRD

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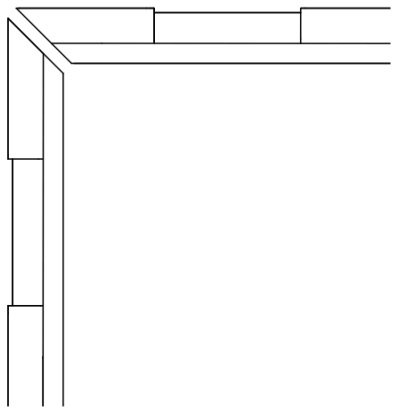
CORNER SOLUTION



For a neat corner, cut the tile along the angled line marked on the back. This allows two tiles to fit seamlessly together (refer to detail 4 for visual guidance).



Angled lines are located on the back of the tile to guide the cutting line.



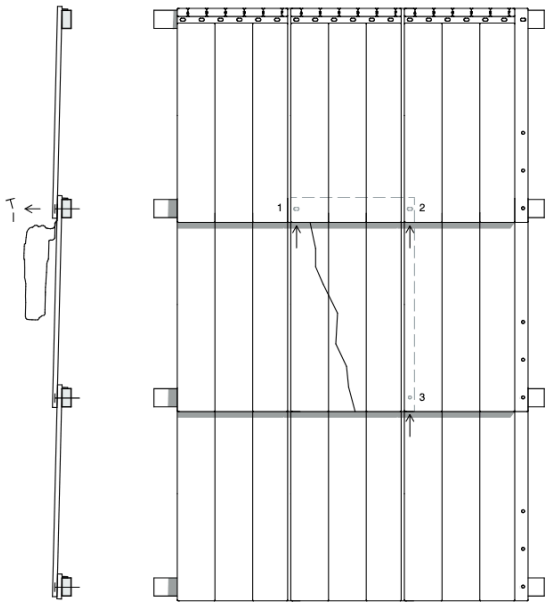
INSTALLATION MANUAL

PRODUCT NAME BASIC THIRD

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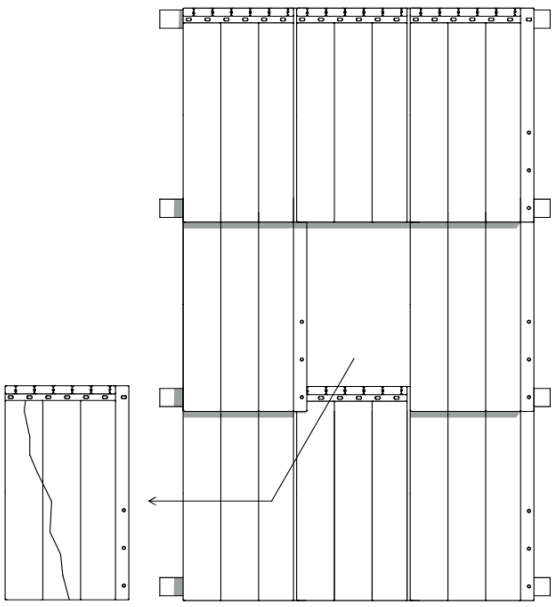
REPLACING A TILE

STEP 1



1. Use a multitool to cut off the heads of the screws. This will allow you to remove the tile from the structure. You will need to cut at three points.

STEP 2



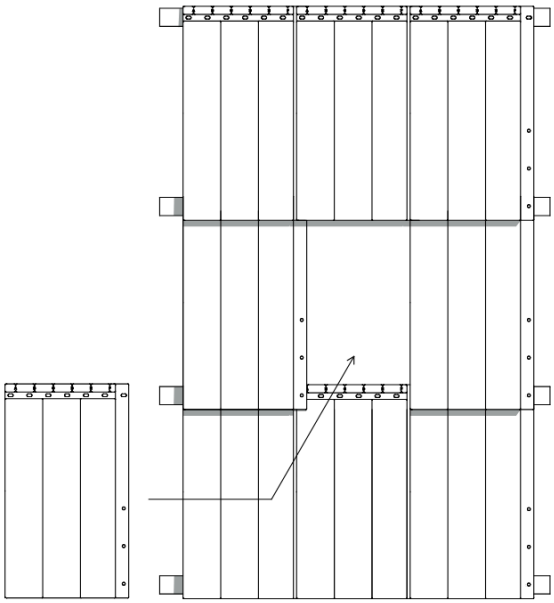
2. Remove the broken tile.

INSTALLATION MANUAL

PRODUCT NAME BASIC THIRD

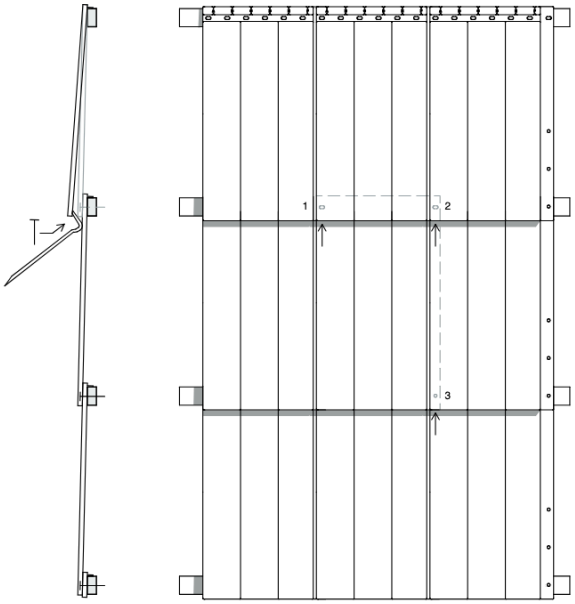
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STEP 3



3. Slide a new tile into place.

STEP 4



4. Use a pry bar to lift the surrounding tiles slightly. This creates enough space to insert a new screw into the tile.

INSTALLATION MANUAL

PRODUCT NAME BASIC THIRD

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reference details

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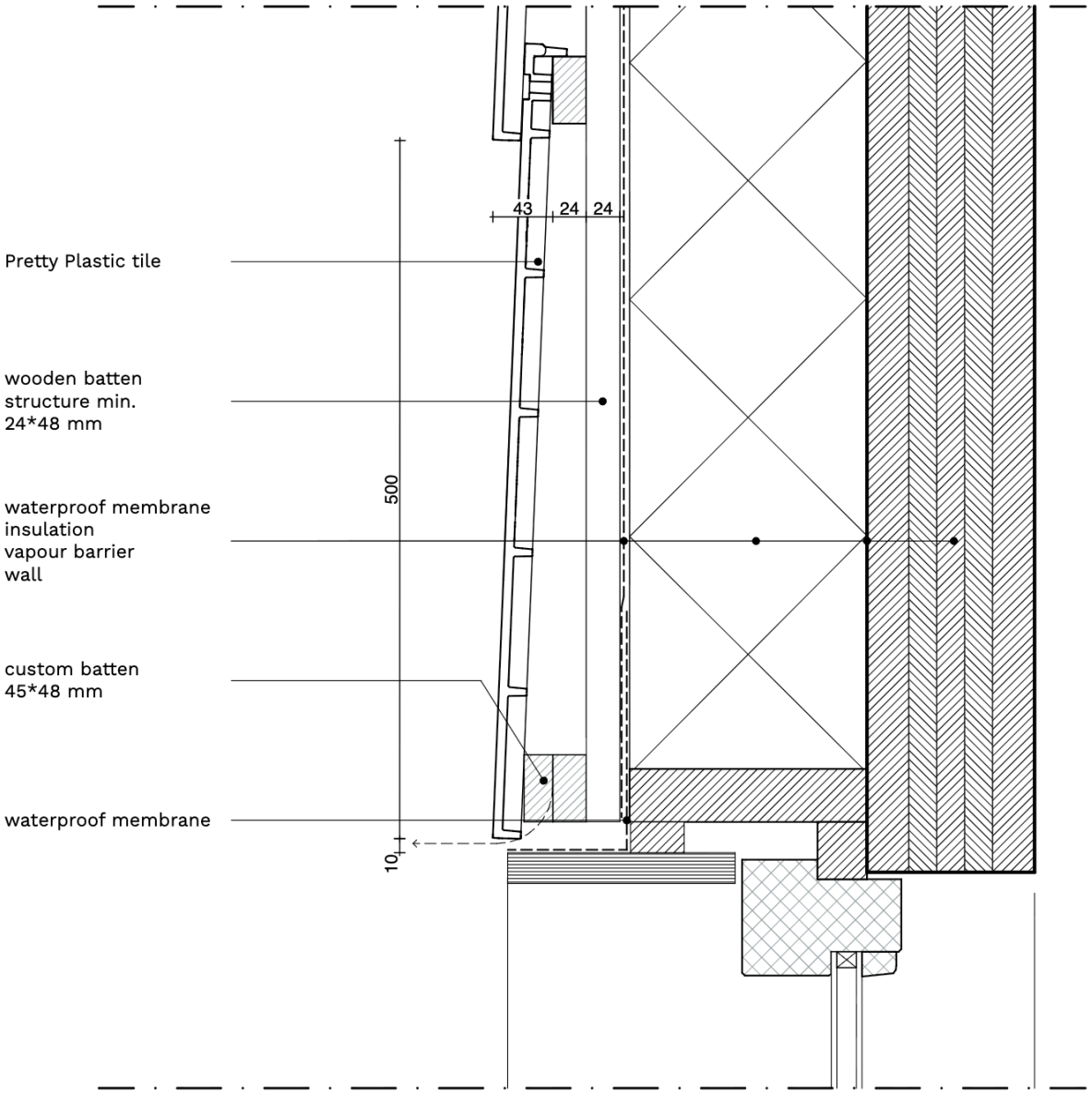
INSTALLATION MANUAL

PRODUCT NAME BASIC THIRD

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D1 - TOP CONNECTION WINDOW FRAME

SCALE 1:5



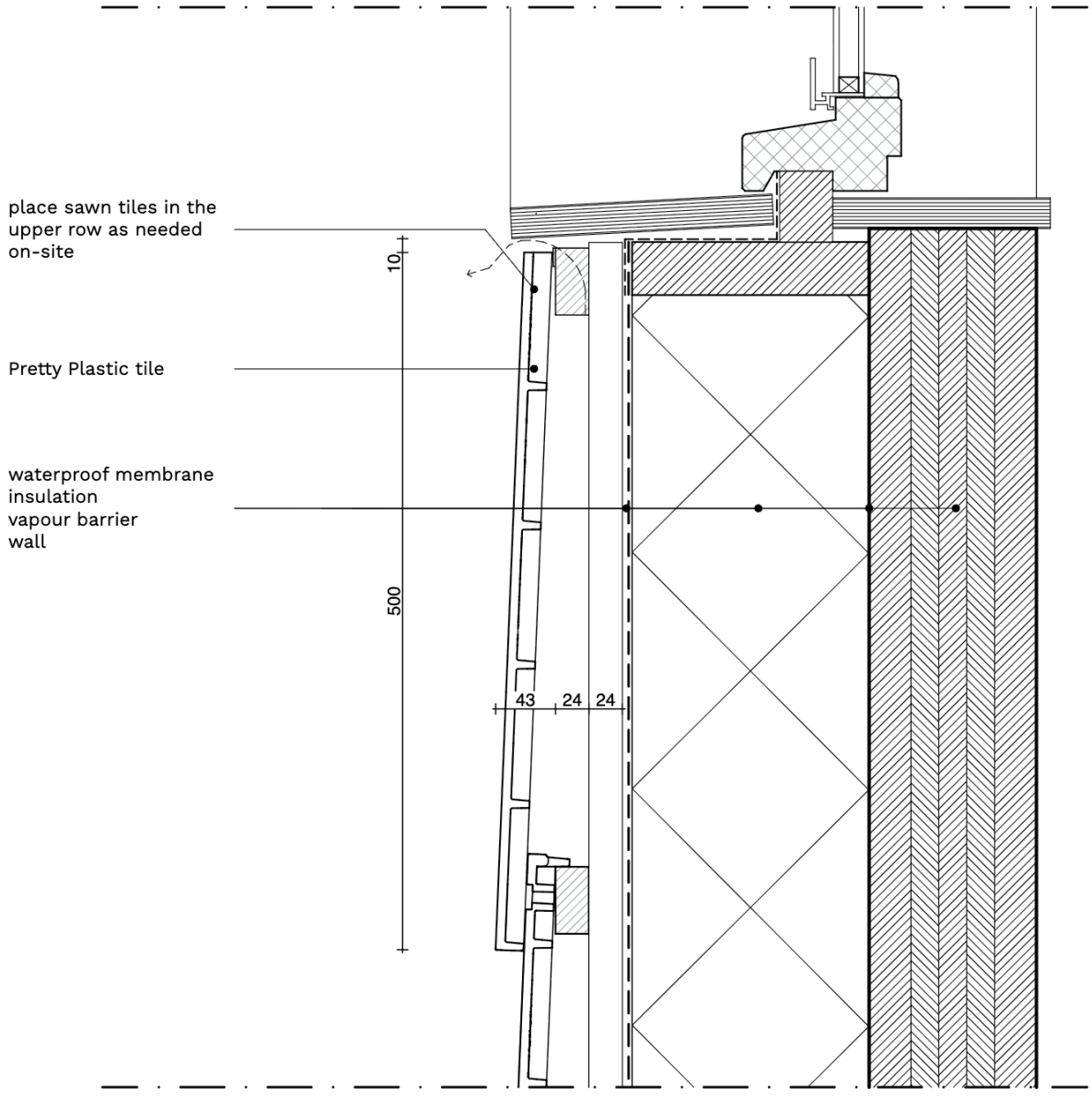
INSTALLATION MANUAL

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D2 - BOTTOM CONNECTION WINDOW FRAME

SCALE 1:5



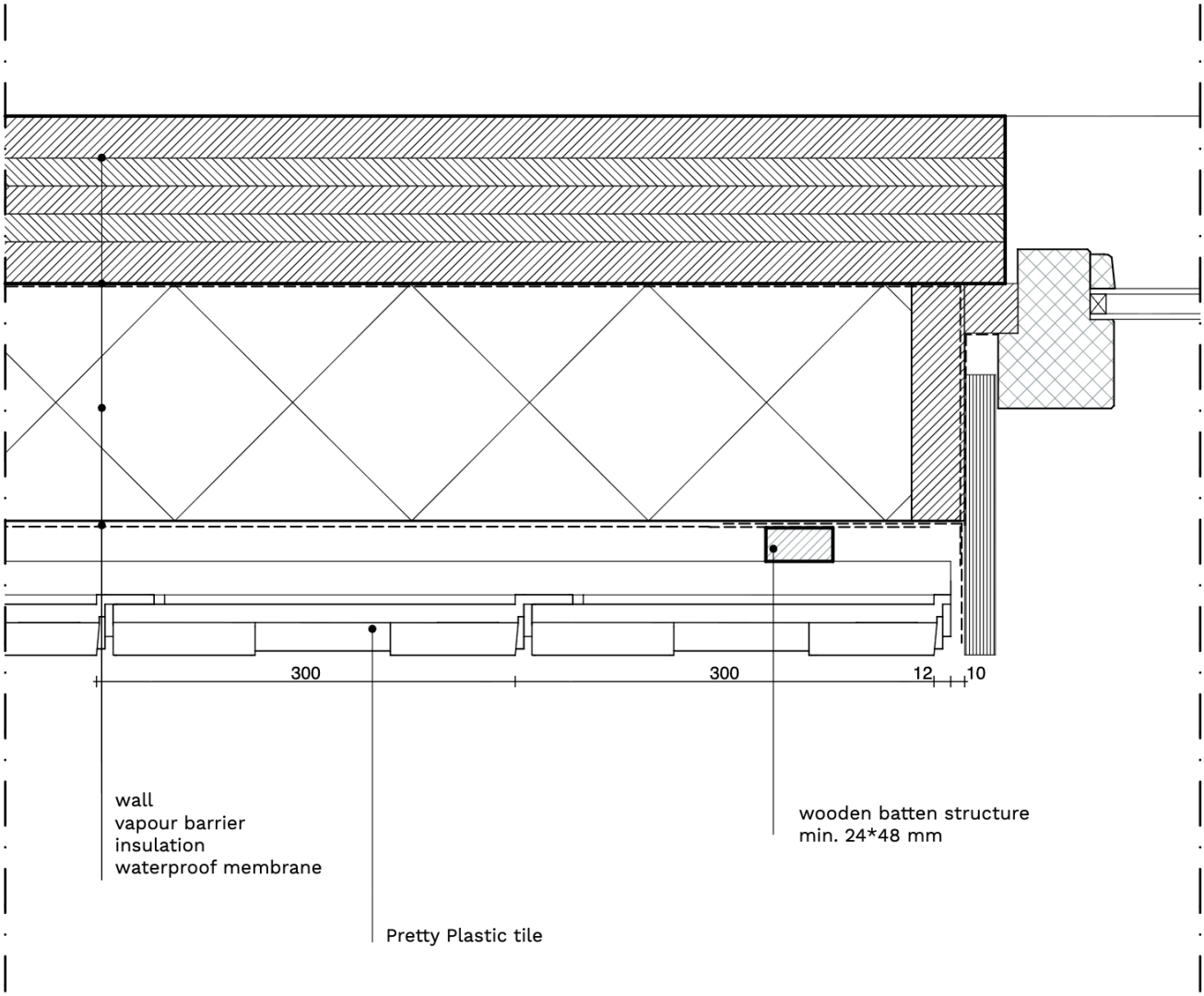
INSTALLATION MANUAL

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PRODUCT NAME BASIC THIRD

D3 - WINDOW FRAME HORIZONTAL

SCALE 1:5



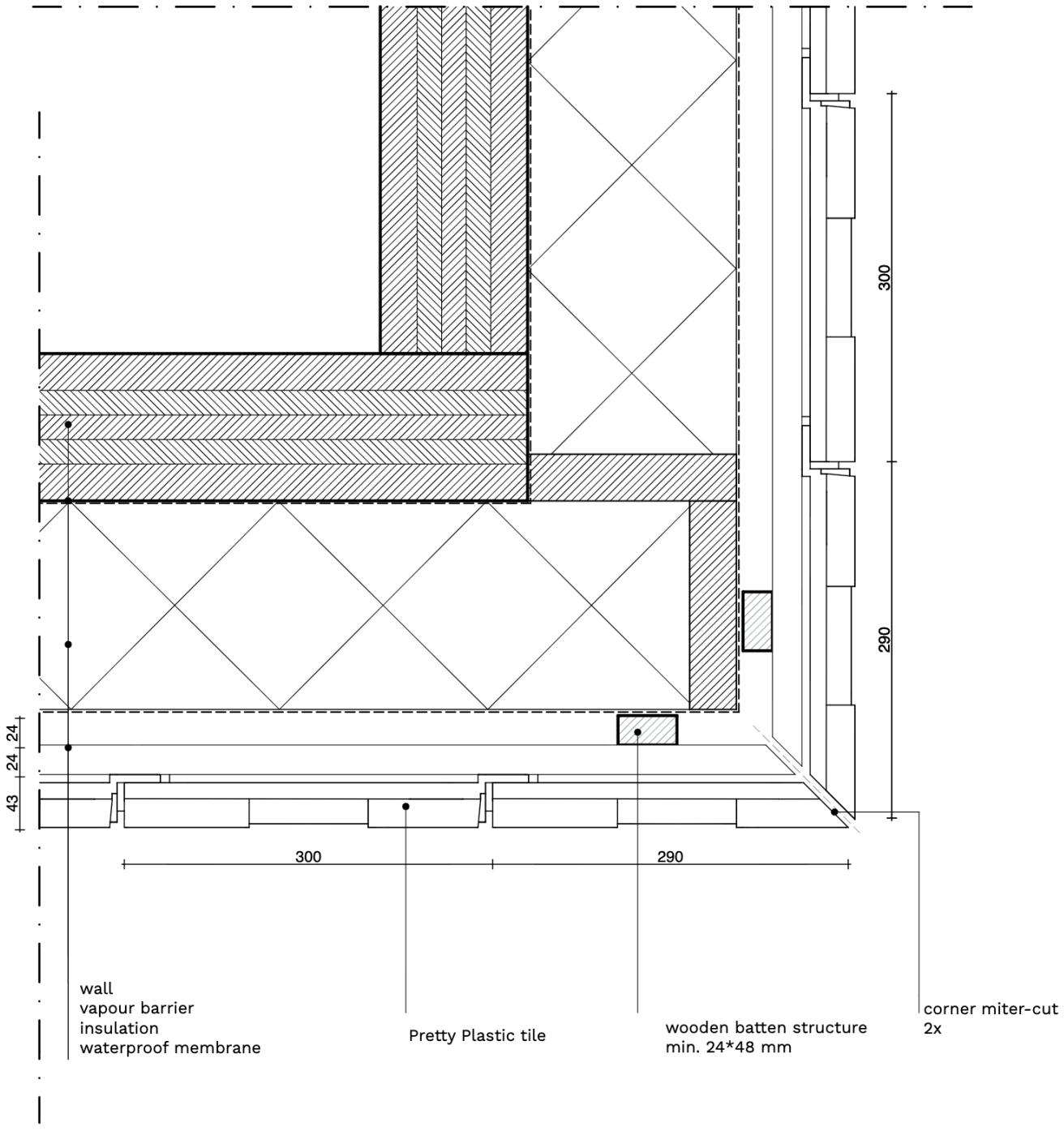
INSTALLATION MANUAL

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PRODUCT NAME BASIC THIRD

D4 - CORNER CONNECTION

SCALE 1:5



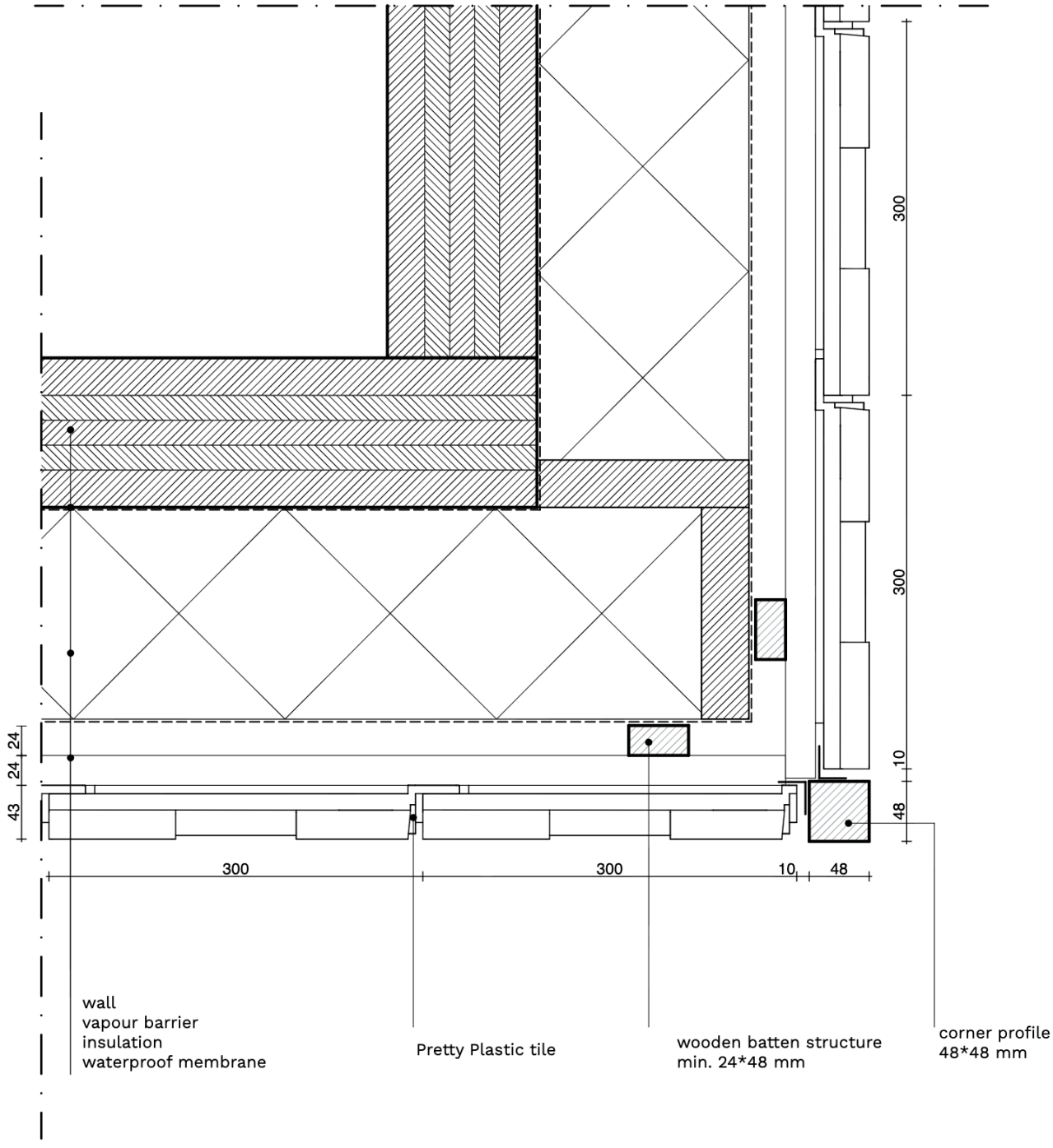
INSTALLATION MANUAL

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PRODUCT NAME BASIC THIRD

D5 - CORNER CONNECTION

SCALE 1:5



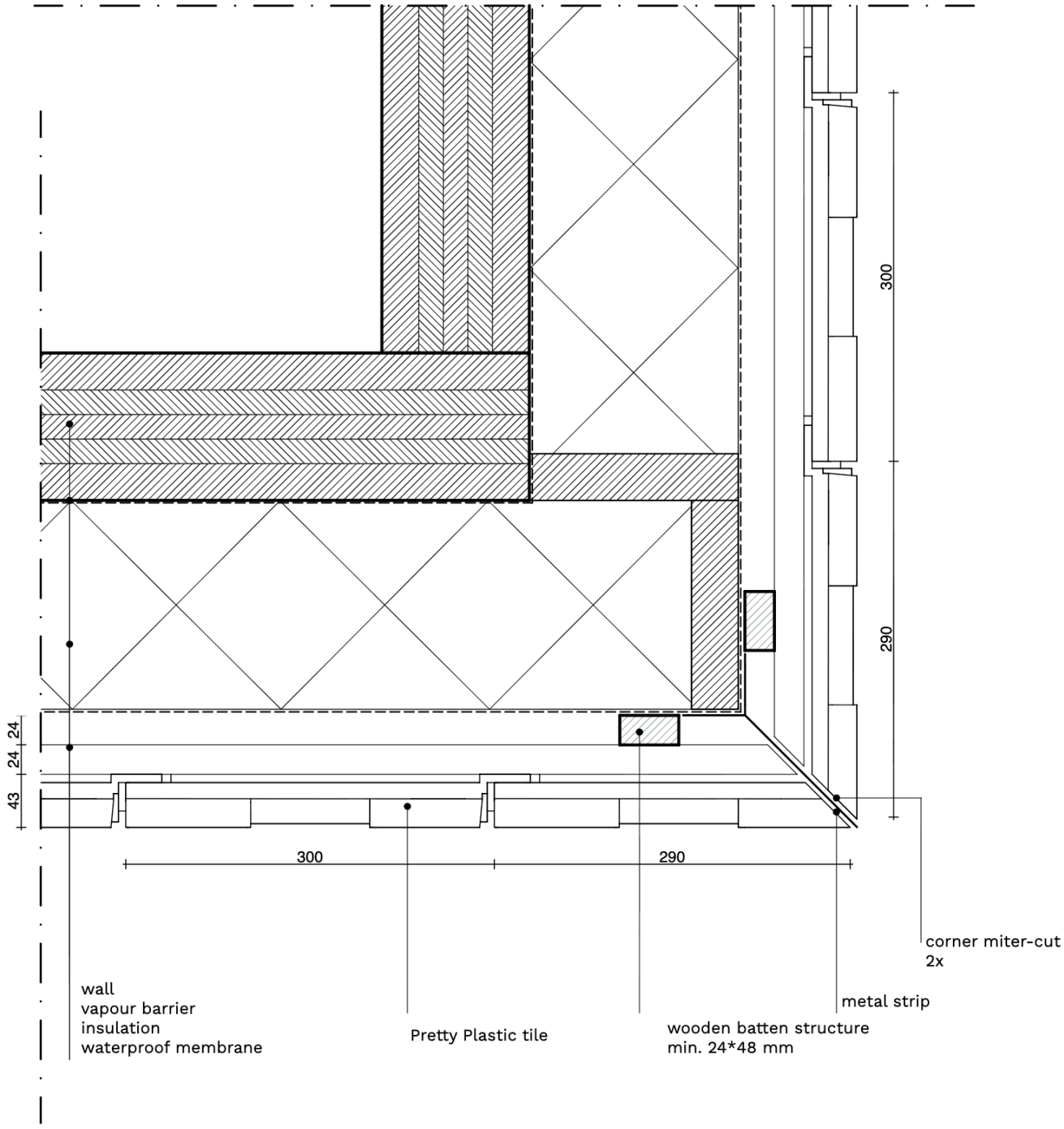
INSTALLATION MANUAL

PRODUCT NAME BASIC THIRD

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D6 - CORNER CONNECTION

SCALE 1:5



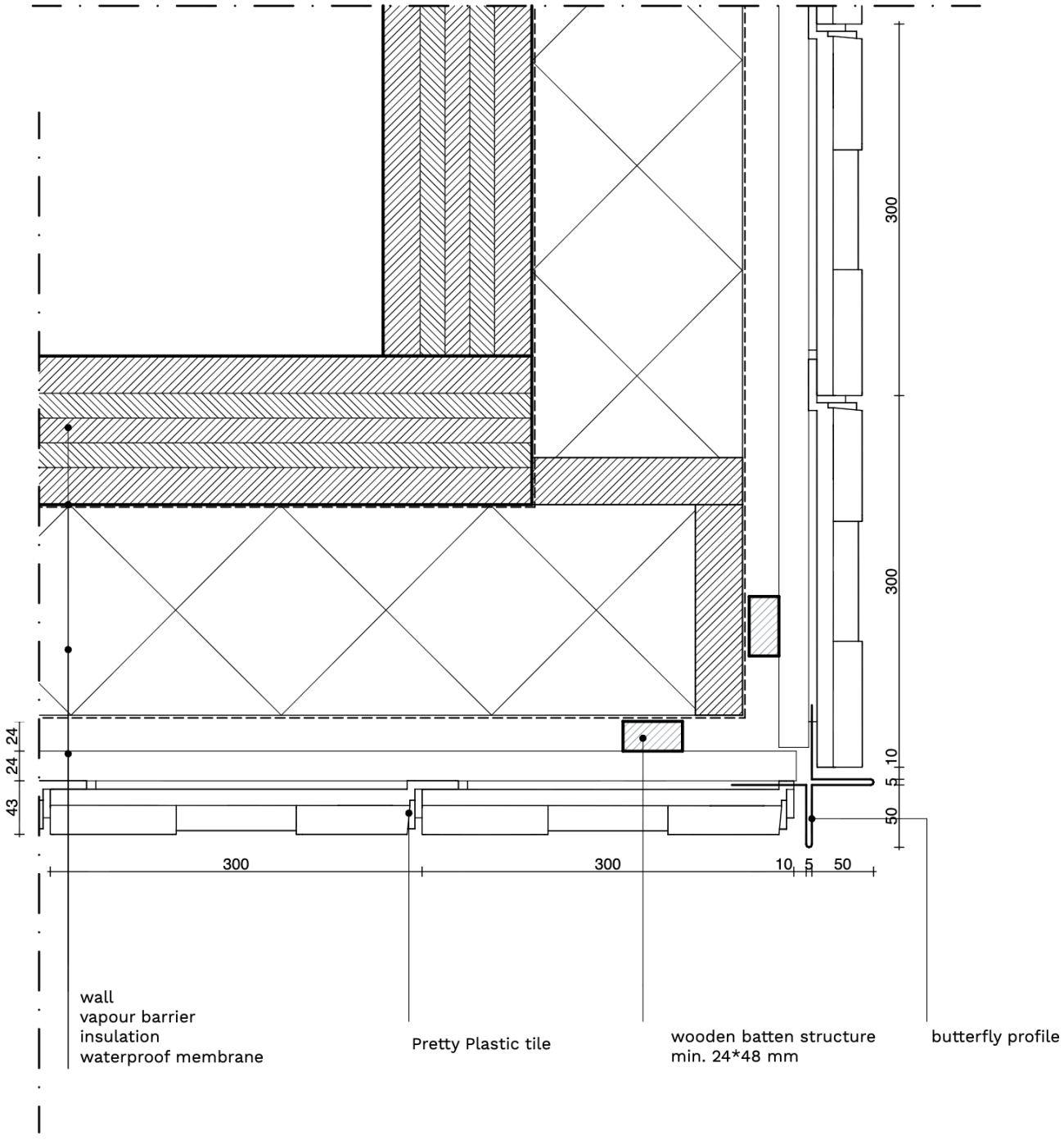
INSTALLATION MANUAL

PRODUCT NAME BASIC THIRD

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D7 - CORNER CONNECTION

SCALE 1:5



INSTALLATION MANUAL

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D8 - CORNER CONNECTION

SCALE 1:5

