

**VOX**

**KERRADEC**

INNOVATIVE WALL SYSTEM

Installation manual

[www.kerradeco.com](http://www.kerradeco.com)



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## 1. General information about the product and installation

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- KERRADECO panels may be installed on a wooden frame or using a glue
- the panels can be installed horizontally or vertically, depending on the decor
- the person installing the panels should have basic technical knowledge and be familiar with safety precautions
- after unpacking, each panel's quality should be checked (for scratches, pattern print errors, discolorations)
- prior to the installation, the panels should be stored in the room where they are to be installed – to adjust to the ambient temperature
- the panels should be assembled in the sequence specified by the numbers on their backsides
- the panels may be finished with trim or without trim
- the product can be installed in damp areas (kitchen, bathroom), providing it has been sealed with silicon
- it must not be installed in areas of increased temperatures (above 60° C), like a sauna, on a chimney, next to a cooker
- the product is only suitable for indoor applications
- 100% recyclable
- any non-compliance with the instructions will void the product's warranty

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## 2. Installation of the panels

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- the installation should always be done from the left to the right and from the bottom to the top
- after placement of the first panel, you need to verify its vertical / horizontal alignment and fasten it, then you slide on the next panel and fasten it with a hammer and a tapping block
- before fastening the panel permanently, you need to make sure that there is no gap between the panels and verify again its vertical / horizontal alignment

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## 3. Wooden frame construction

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- the frame should be made of wooden battens fastened directly to the wall
- using a level, you must level the battens so they are flush with each other; if necessary, you can use shims or wedges to keep the panels level
- the battens should run perpendicular to the direction of the panels – if the panels are being assembled vertically, the battens should be placed horizontally, and the other way around
- distance between the battens – 40 cm
- the battens should be:
  - made of good quality wood, without any knots
  - attached to the wall in a secure and strong manner, with screws or other mounting devices that are appropriate for the given surface
  - the battens should be stored in the room in which they will be mounted for at least 24 hours (to adjust to the ambient temperature and humidity)

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## 4. Installation on wooden frame

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- screw down the panels to the battens through the panel's tongue, along the long edge and within the area marked by a groove
- the screw should go in deep enough so that it does not snag when you slide on the next panel

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## 5. Installation with glue

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- the surface should be smooth, not crumbling, ensuring good adhesion
- we recommend to use a highly flexible glue, based on a hybrid polymer formulation, intended for indoor applications and for various building and construction materials – including damp materials: concrete, brick, drywall, natural stone, wood and wood-based products, metals, glass and ceramics, the majority of plastics, for example PVC, styrofoam, polyacrylates and polycarbonates
- the glue should be applied according to its instructions, in a well ventilated area
- apply the glue in a S-shaped motion
- the surface of the first panel on a given wall should be completely covered with glue; each successive one only along the edge with the tongue

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## 6. Cutting the panels

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- to cut the panels you can use: hand saw, jigsaw, table saw
- when adjusting the panel for the trims, cut off the tongues or grooves with a sharp knife

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## 7. Hanging shelves on the panels

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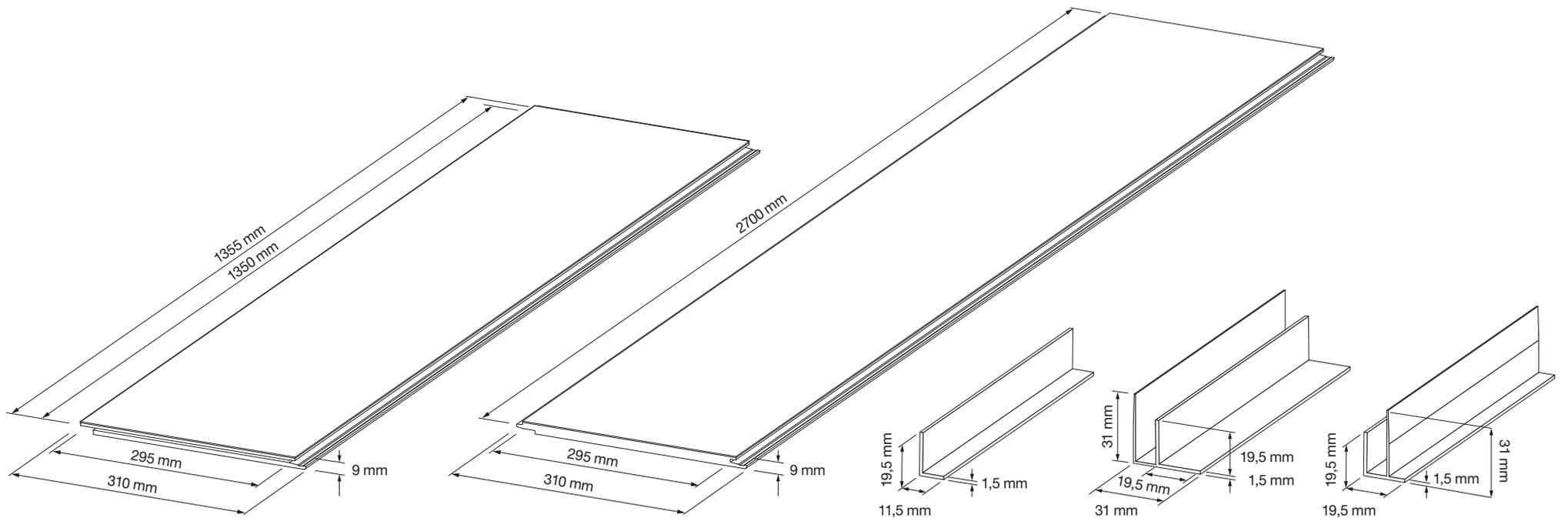
- no additional weight should be applied to the panel, and neither should it be a bearing element in construction
- no hangers, shelves or any other objects may be directly screwed to the panel
- instead, they should be mounted to the surface underneath the panel, with screws or anchors intended for the given type of surface. To do so, drill the appropriate hole in the panel, allowing for such possibility

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## 8. Cleaning

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- do not allow liquid stains to dry
- from time to time, clean the panels with a damp cloth and a mild detergent
- intensive scrubbing and use of strong detergents may damage the panel's surface or cause its discoloration
- do not clean with coarse and rough clothes, sponges or brushes
- never use for cleaning any solvents, acids, nor any other liquids based on these substances
- no cleaning liquids should be left on the surface, they must be rinsed off with water; cleaning substances left out on the surface may cause its discoloration



**Panel 135 cm**

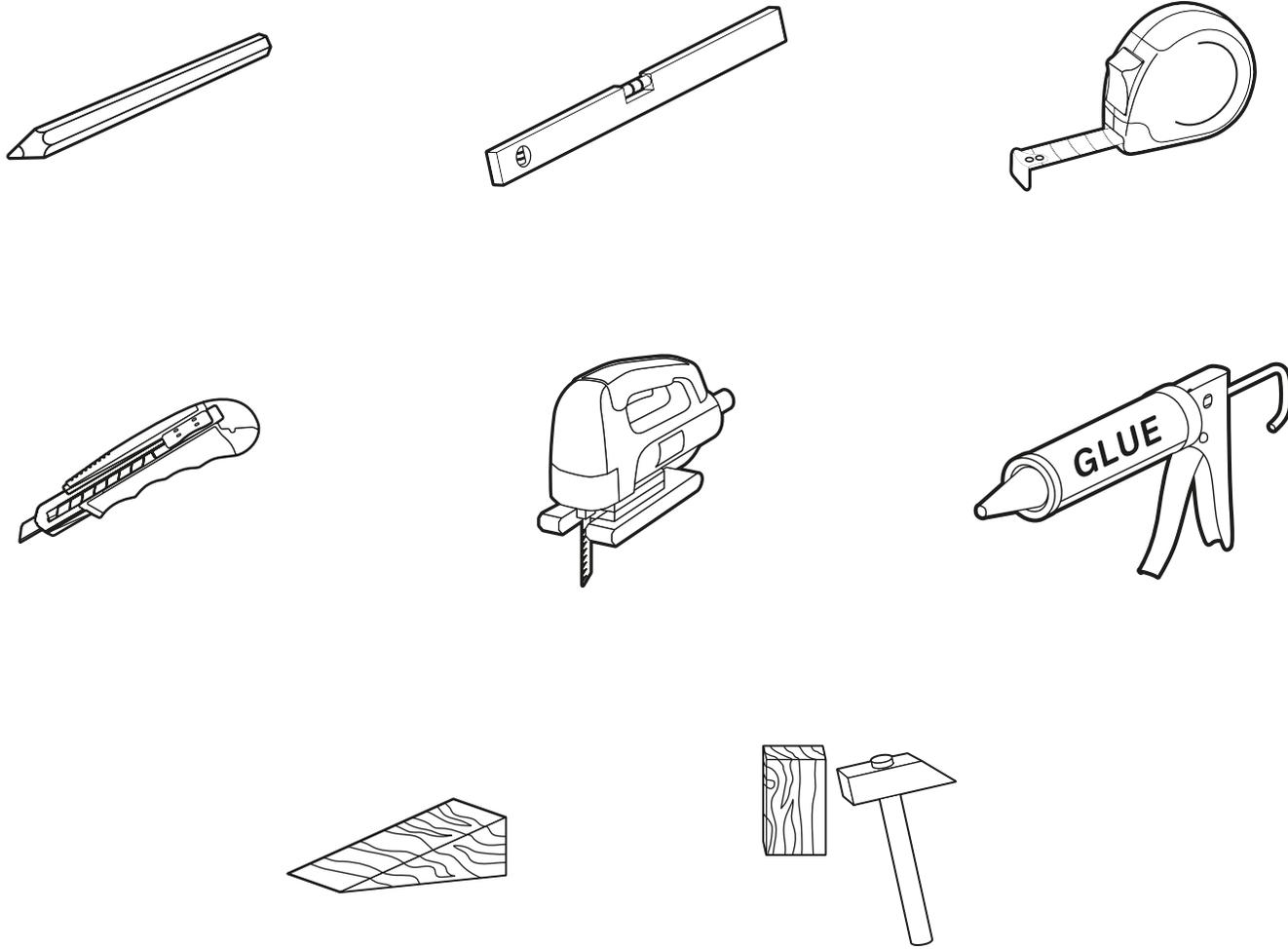
**Panel 270 cm**

**A-01  
universal trim**

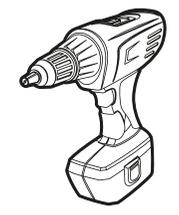
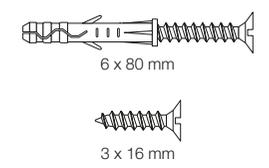
**A-02  
internal angle**

**A-03  
external angle**

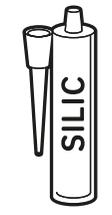
**Basic tools**

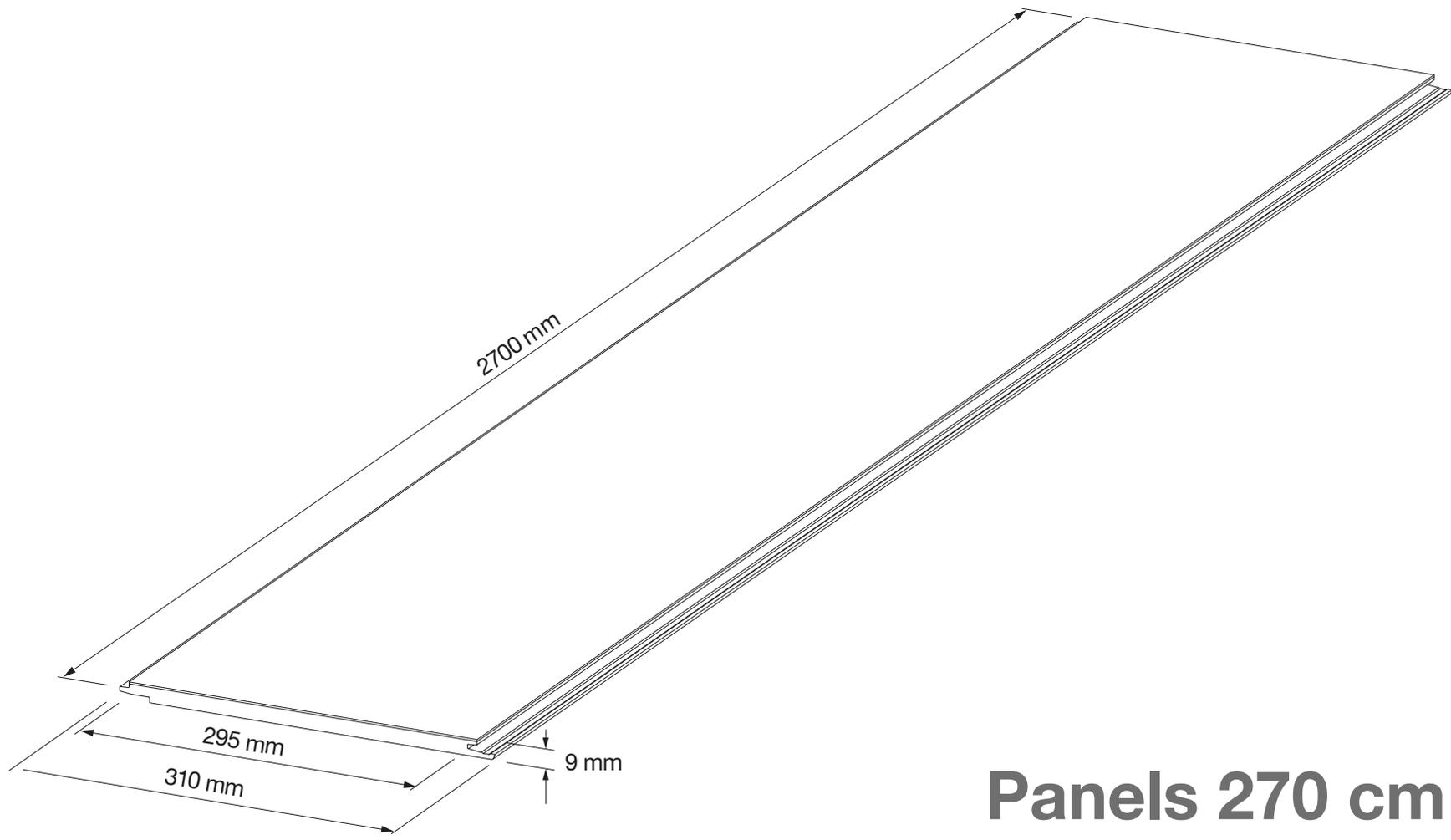


**Additional tools  
for wooden  
frame construction**

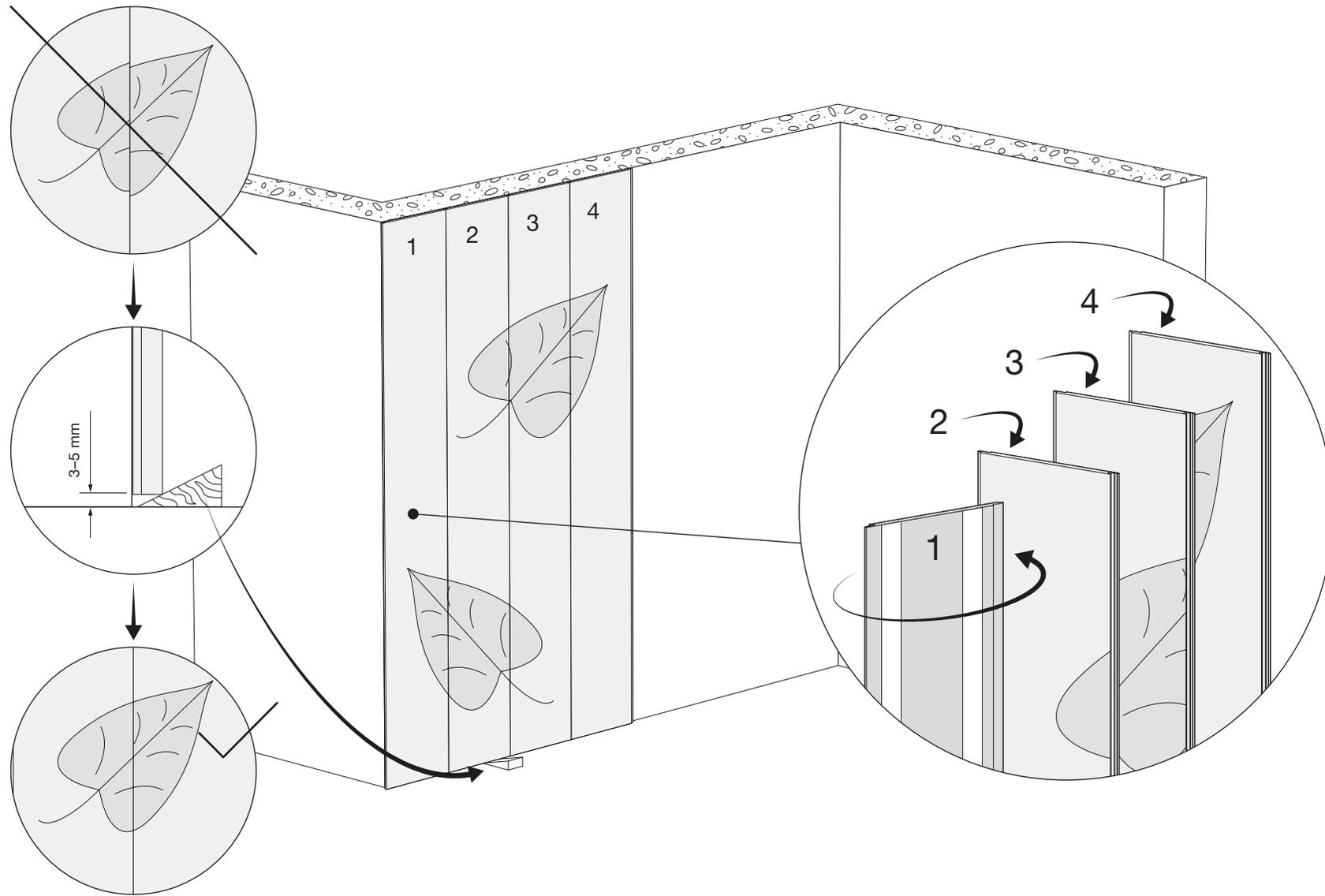


**Additional tools  
for installation  
in damp areas**



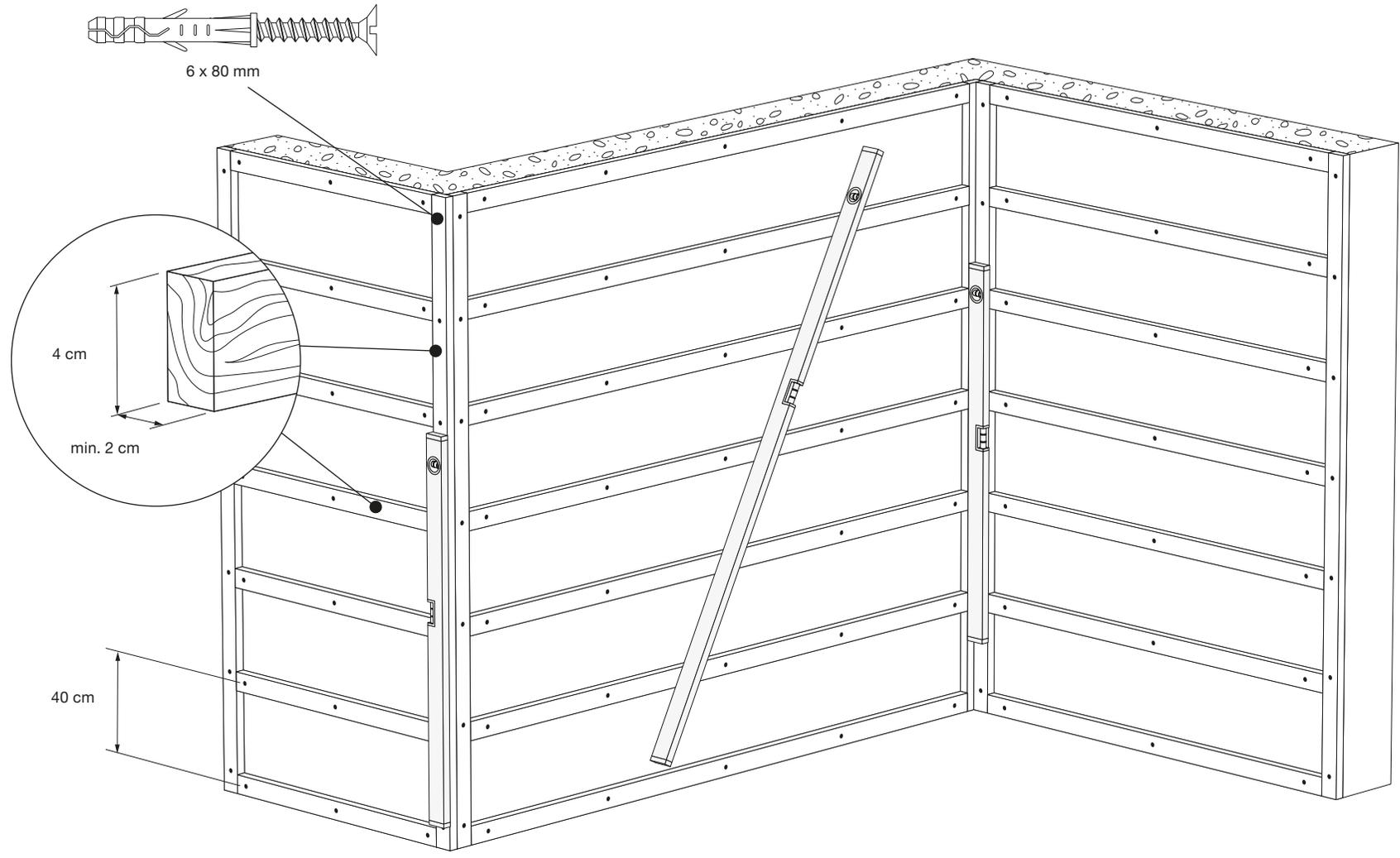


**Panels 270 cm**



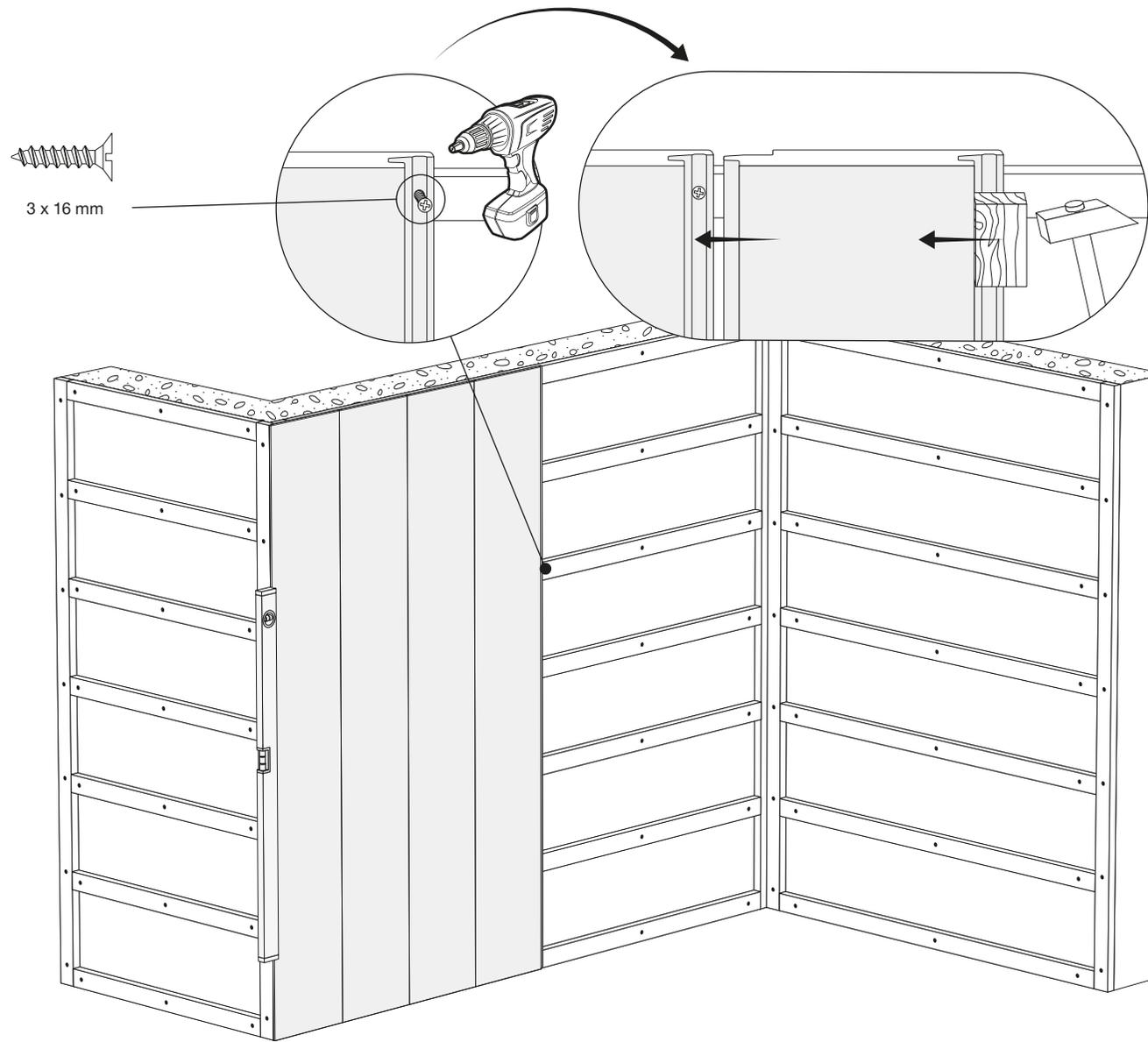
A wedge can be used to even the printed pattern and to maintain the distance on the finishing trim.

**VOX** Panels 270 cm Installation on a wooden frame – frame construction



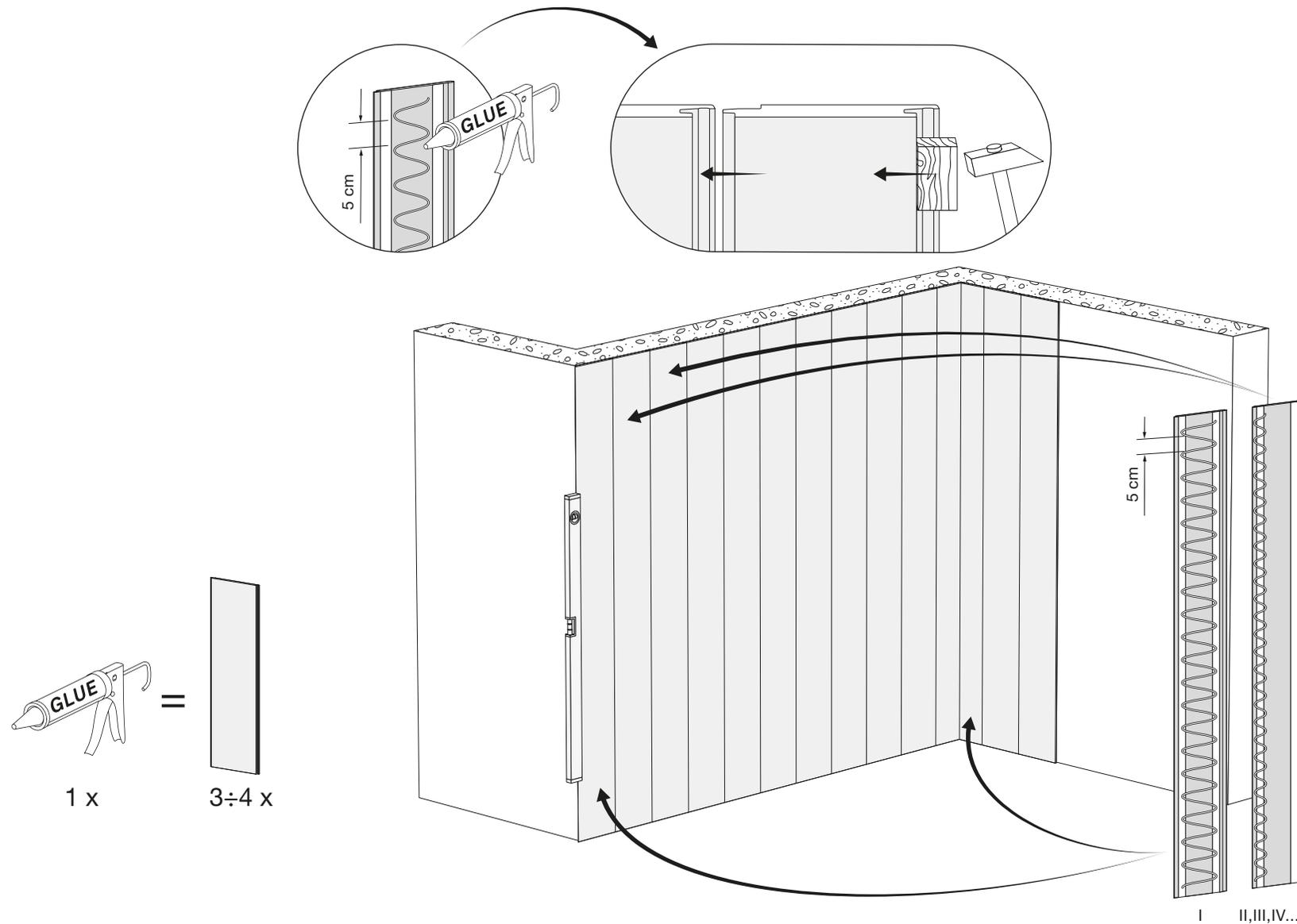


## Panels 270 cm Installation on a wooden frame – panel assembly



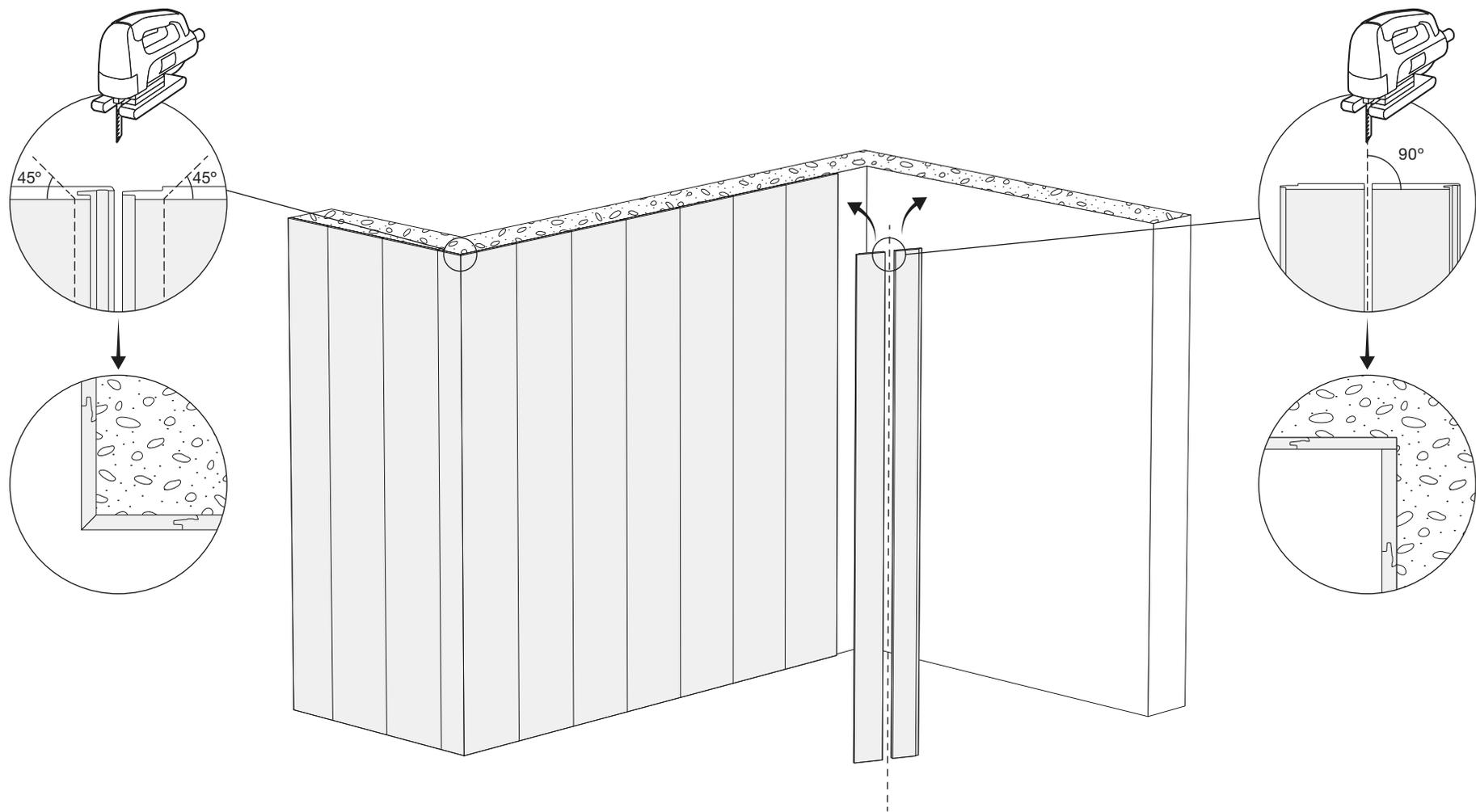
A tapping block should be used to avoid damage to the panel's edge or its groove.  
The panels should be placed without any gaps between them.

# VOX Panels 270 cm Installation with glue – panel assembly



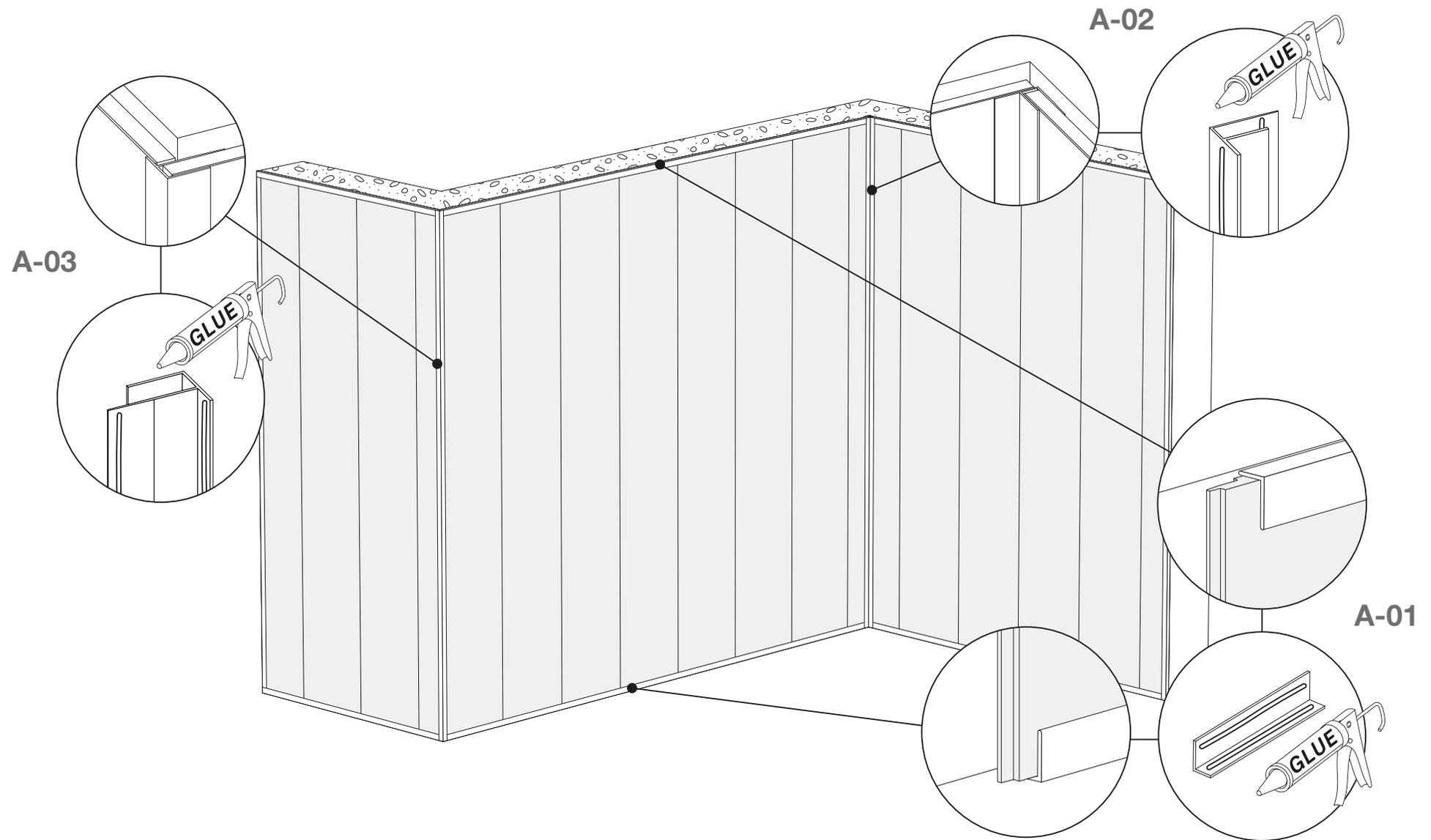
When installing panels with glue, make sure that the surface is smooth, not crumbling, ensuring good adhesion (for example: concrete, ceramic tiles, drywall). The surface of the first panel on a given wall should be completely covered with glue, each successive one only along the panel's edge with the tongue.

**VOX** Panels 270 cm Finishing angles without the finishing trim



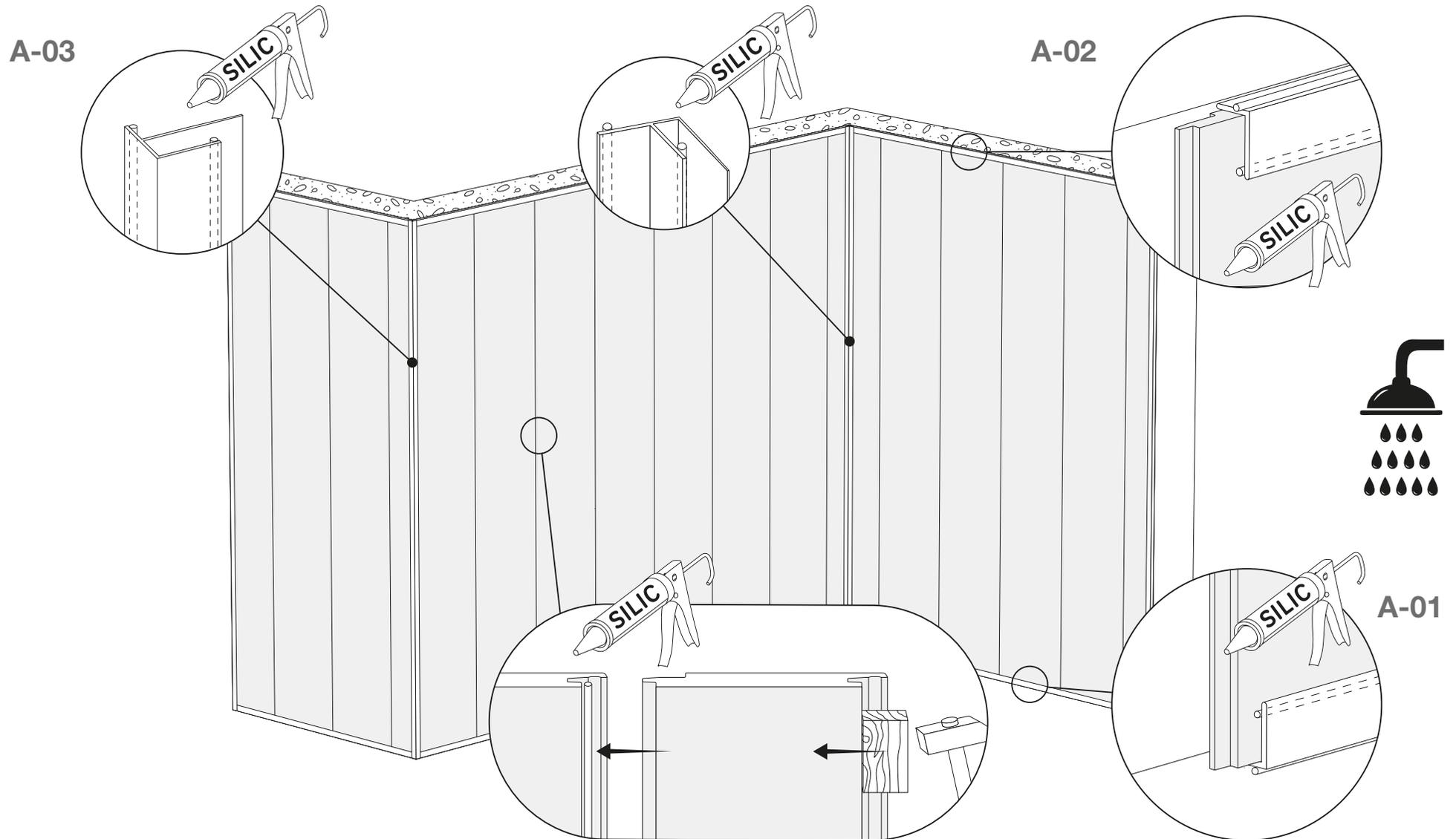
Finishing angles without the finishing trims require more advanced technical skills.

**VOX** Panels 270 cm Finishing angles with the finishing trims



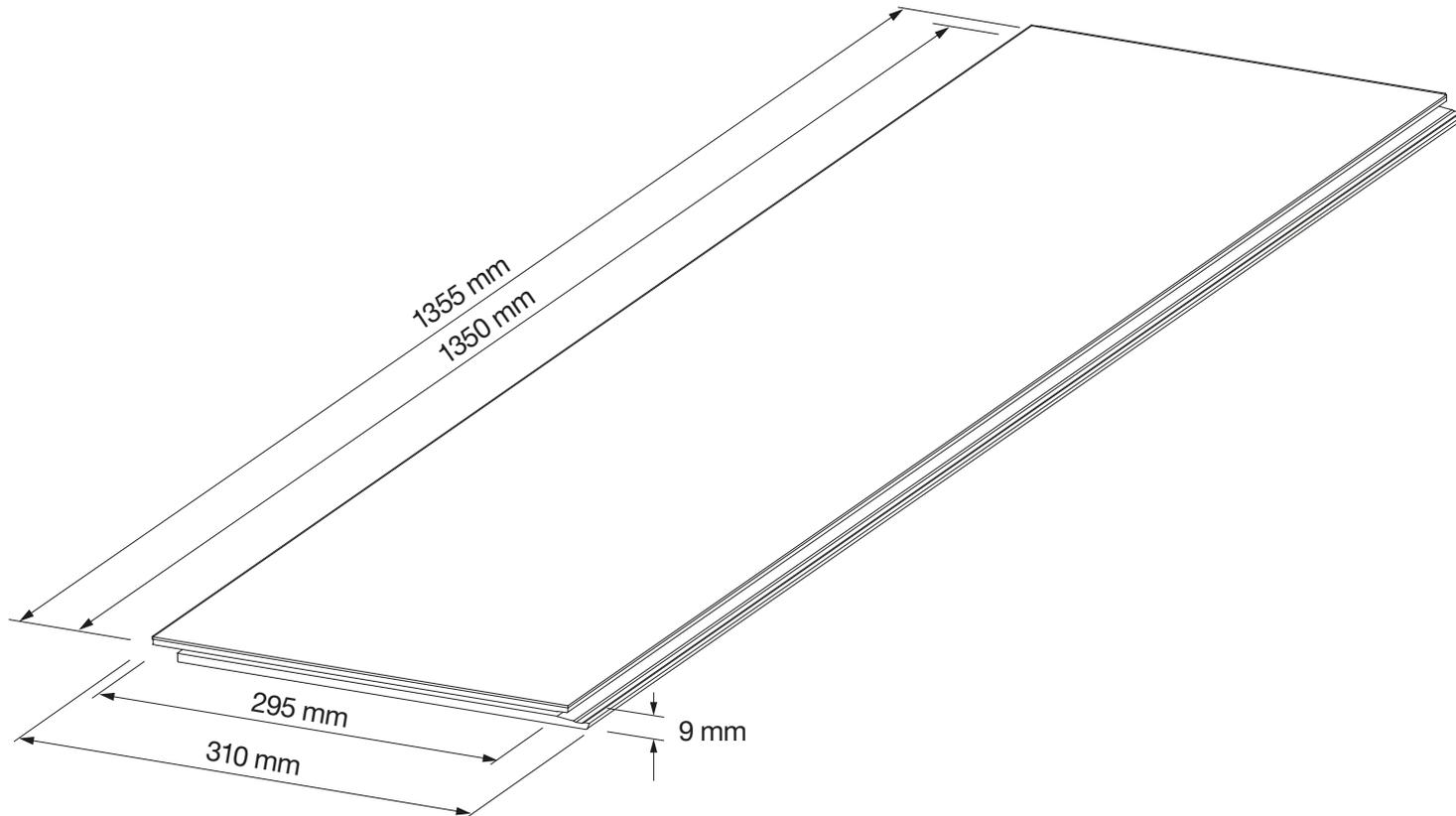
In case of the internal angles, the trim should be placed on the panel before its installation.

**VOX** Panels 270 cm Installation in damp areas



KERRADECO panels are waterproof, but their joints need to be additionally sealed with silicon – to prevent water from penetrating the gaps. Particular attention should be paid to the angles and to the spaces along the ceiling and the floor.

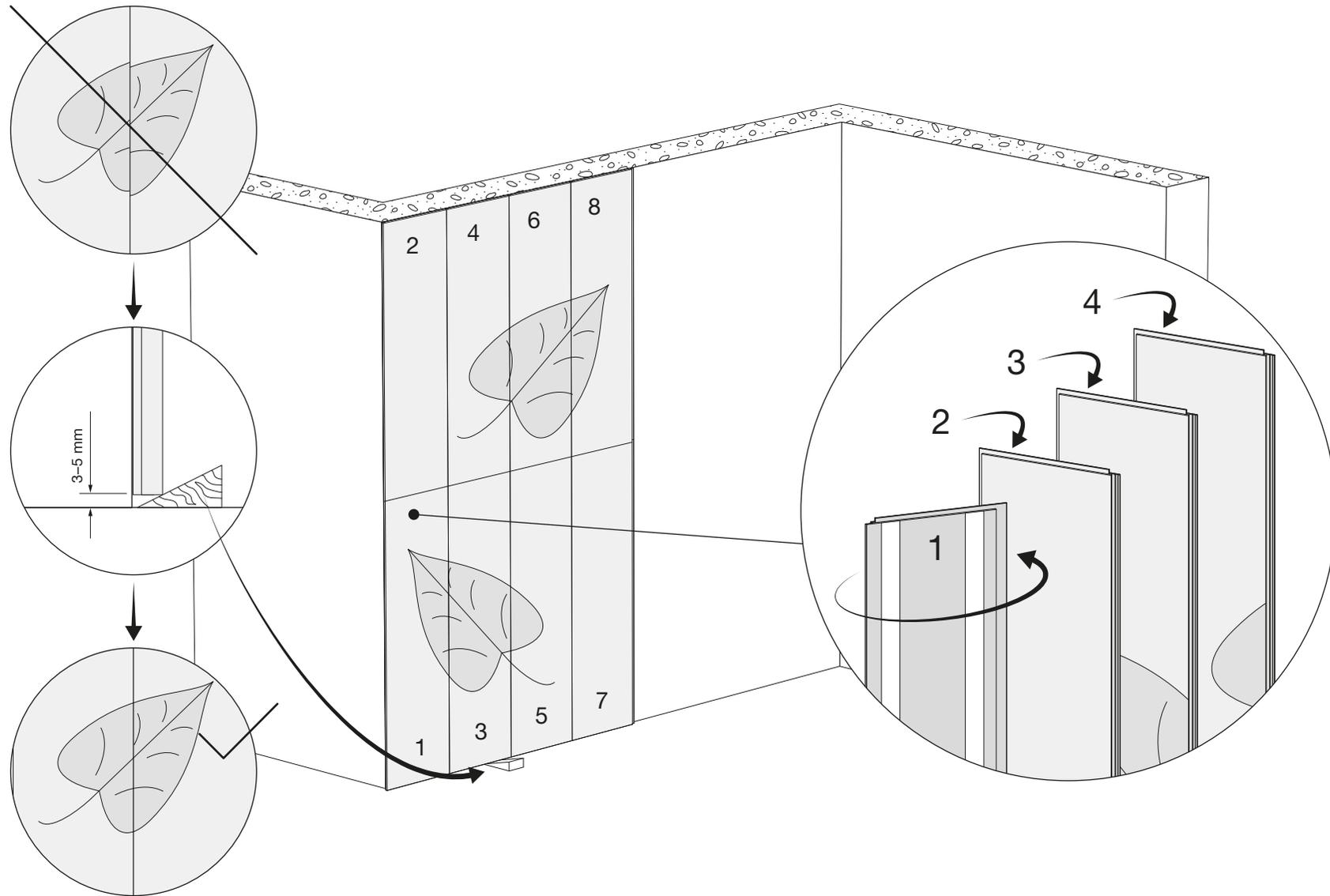
**VOX** Panels 135 cm - vertical installation



**Panels 135 cm**



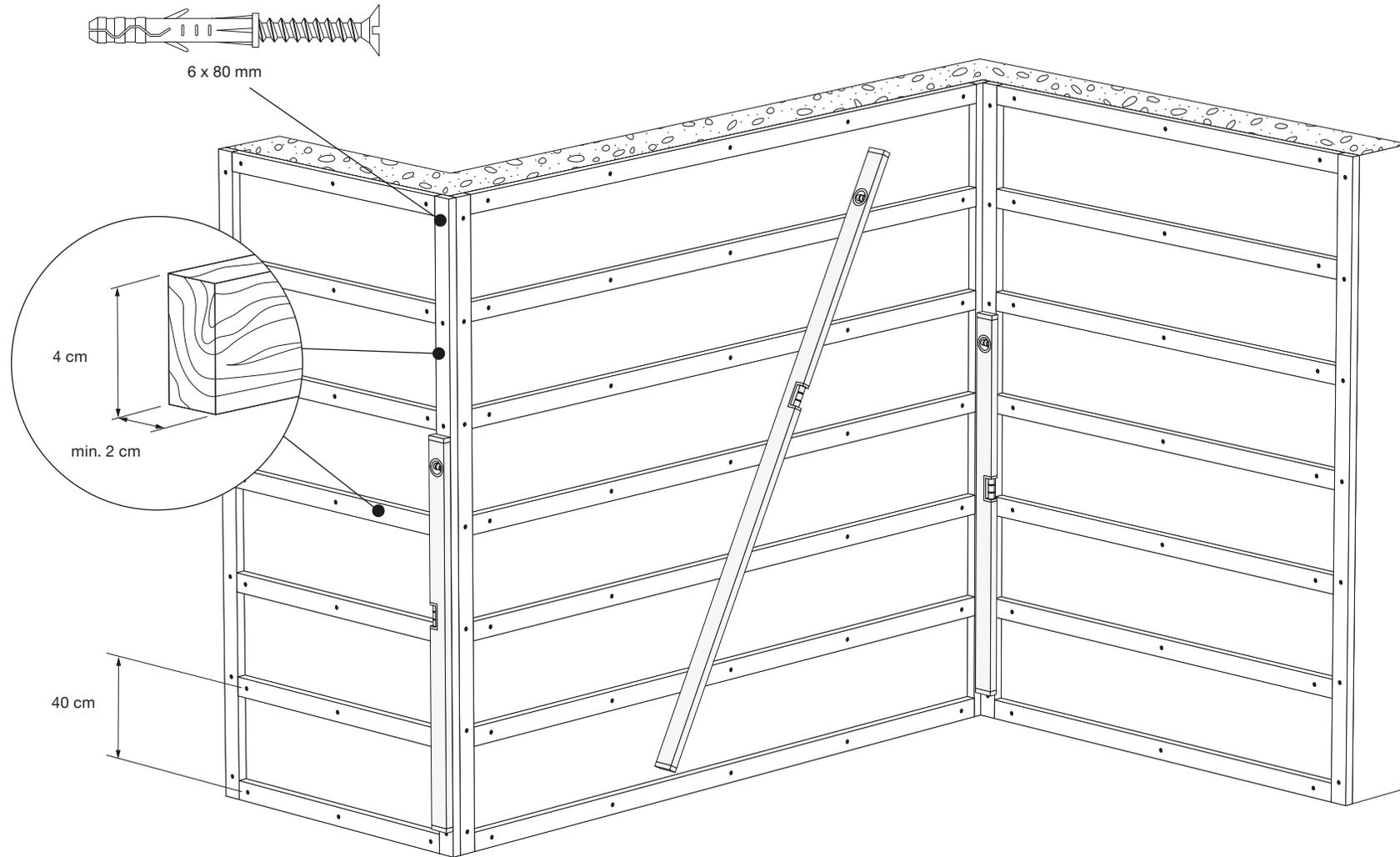
# Panels 135 cm - vertical installation General guidelines for panel assembly and their sequence



A wedge can be used to even the printed pattern and to maintain the distance on the finishing trim.

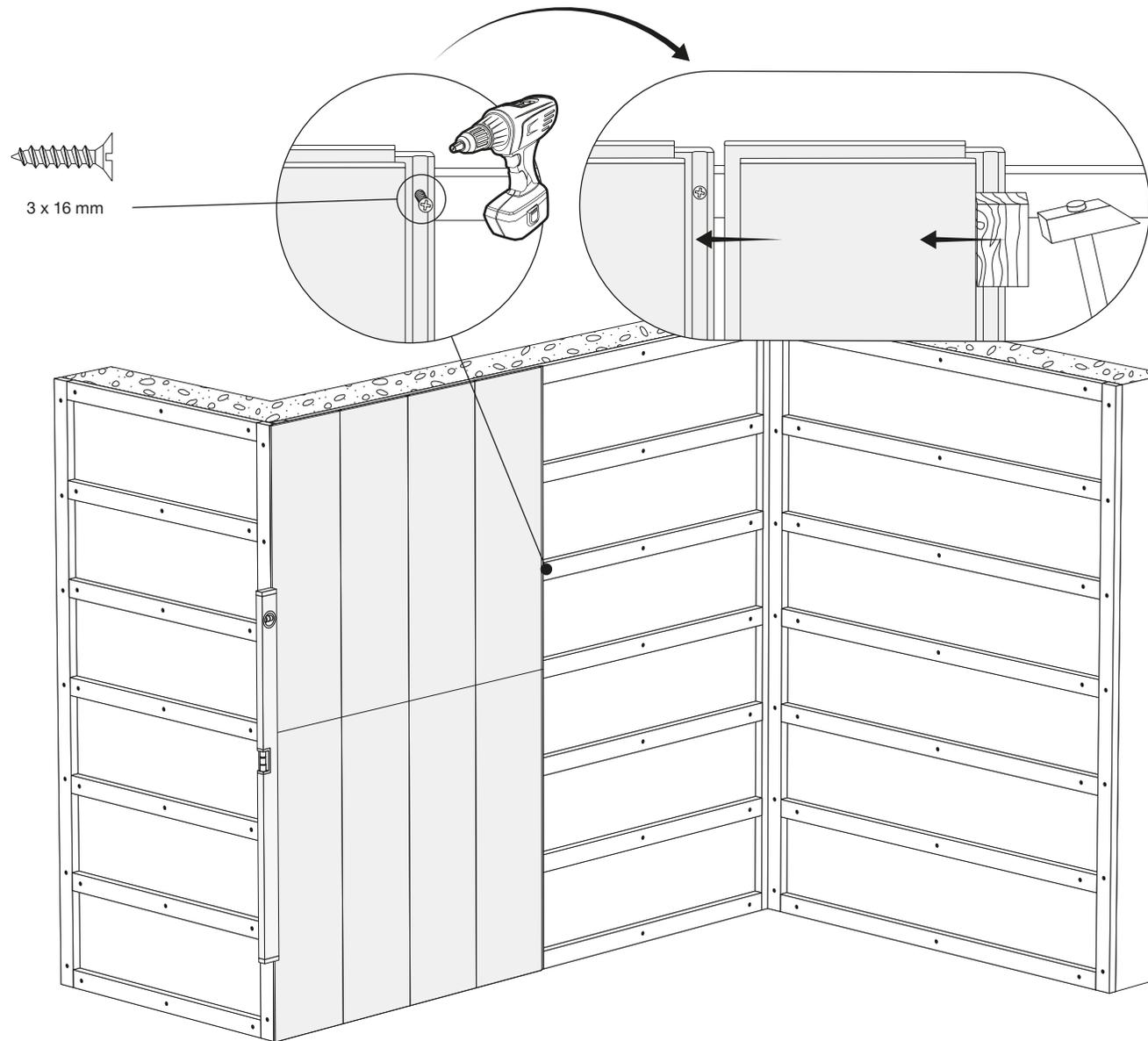


# Panels 135 cm - vertical installation Installation on a wooden frame – frame construction

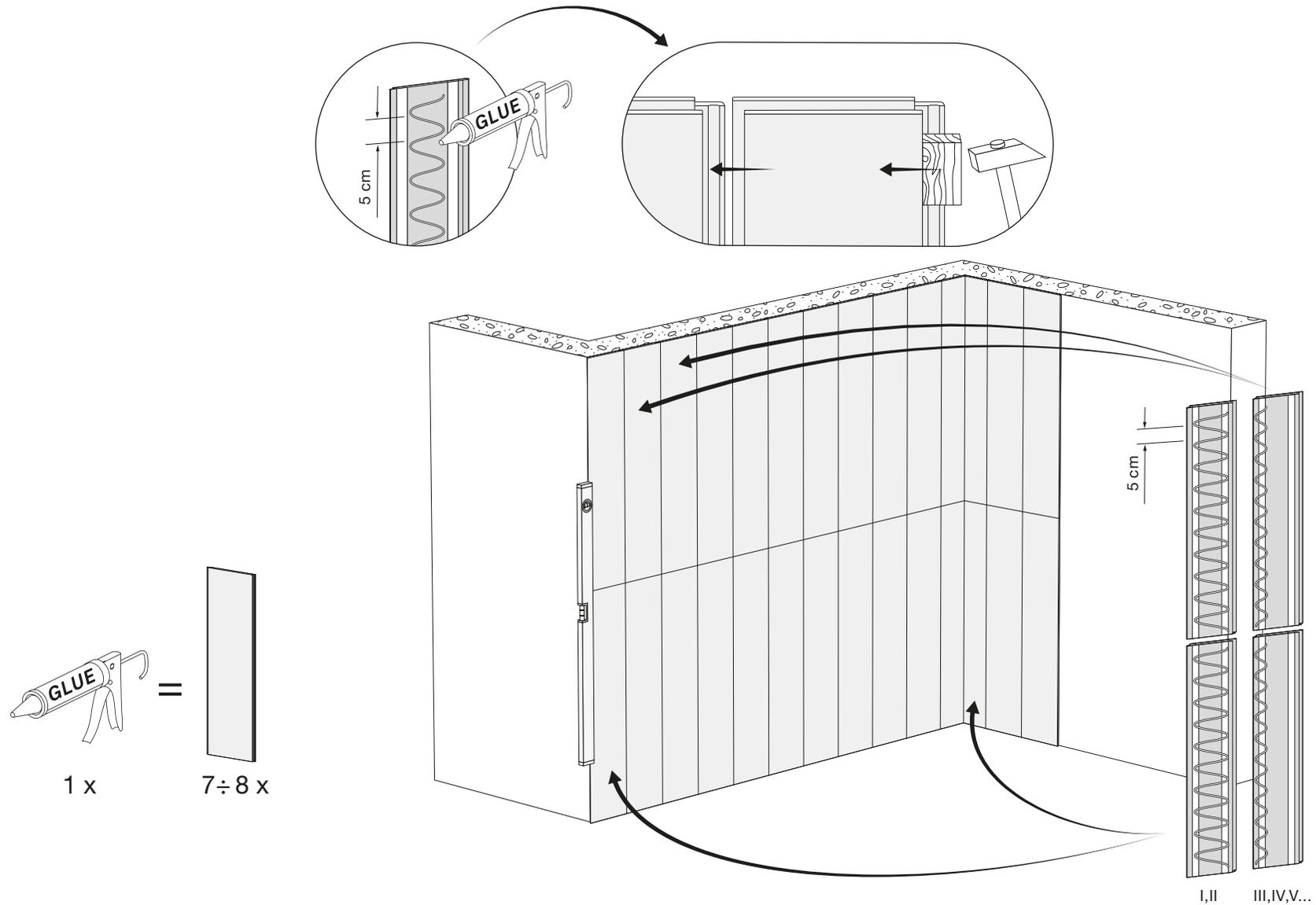




## Panels 135 cm - vertical installation Installation on a wooden frame – panel assembly

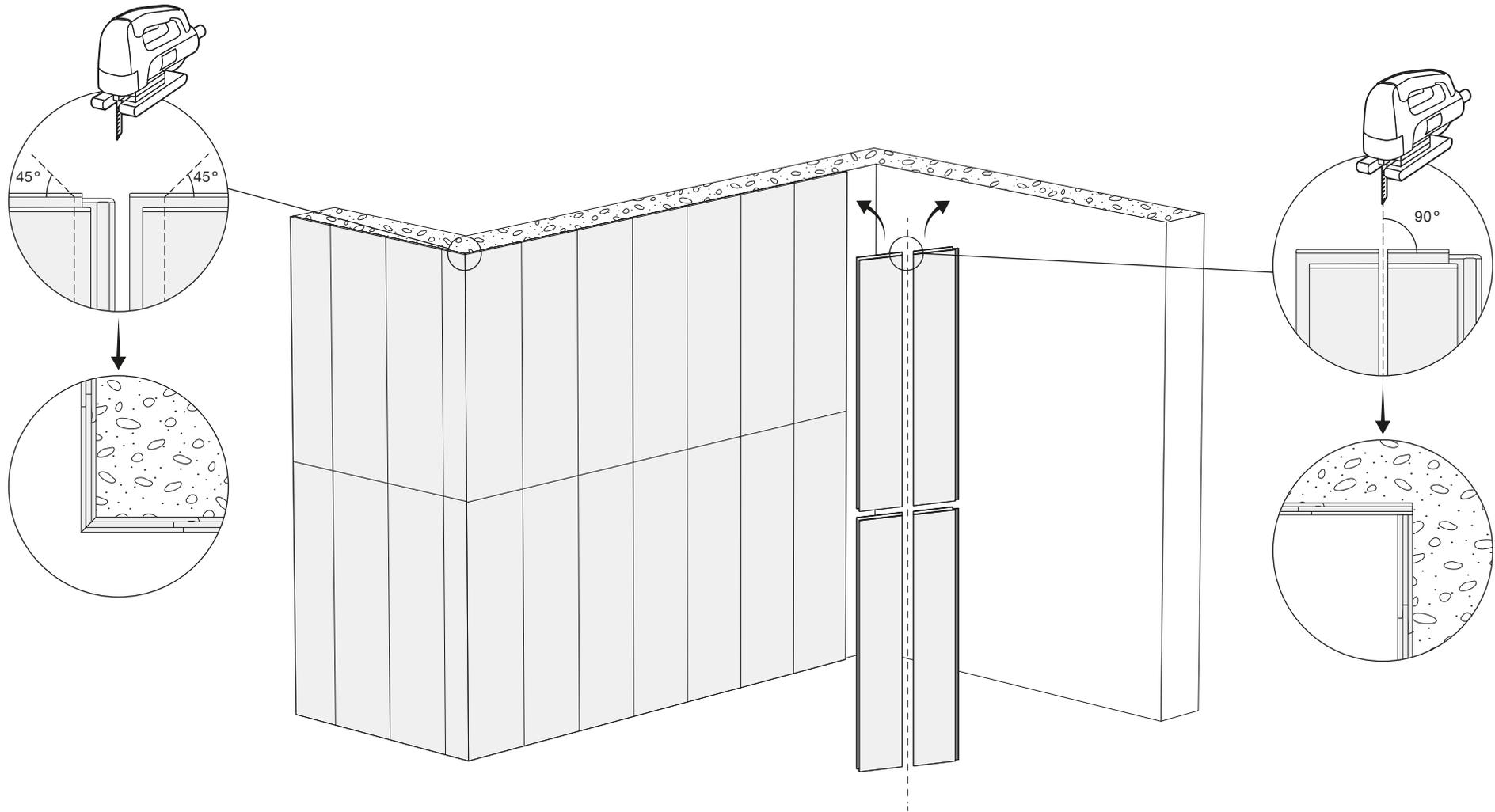


A tapping block should be used to avoid damage to the panel's edge or its groove.  
The panels should be placed without any gaps between them.



When installing with glue, make sure that the surface is smooth, not crumbling, ensuring good adhesion (for example: concrete, ceramic tiles, drywall). The surface of the first panel on a given wall should be completely covered with glue, each successive one only along the panel's edge with the tongue.

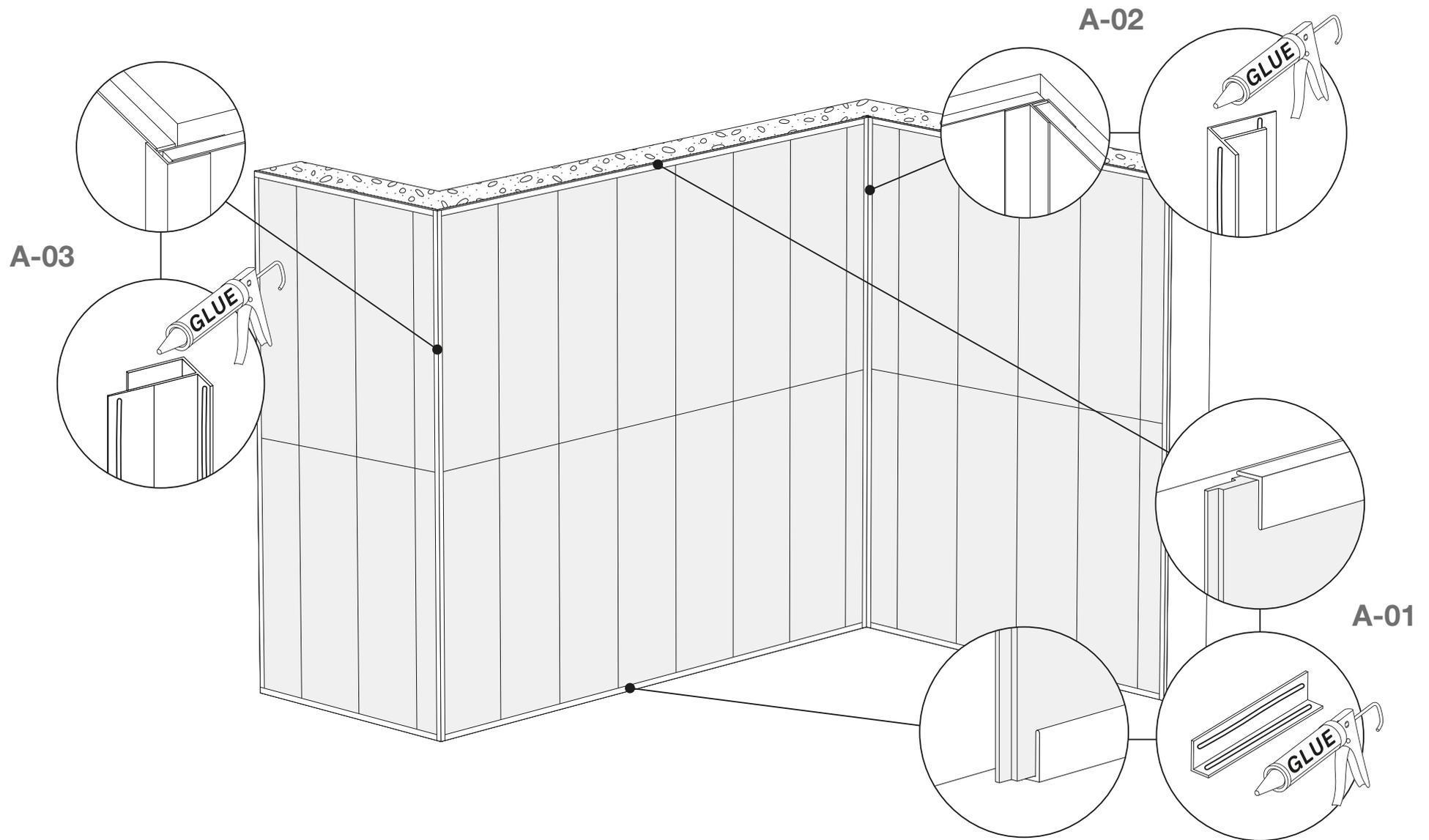
**VOX** Panels 135 cm - vertical installation Finishing angles without the finishing trim



Finishing angles without the finishing trims require more advanced technical skills.

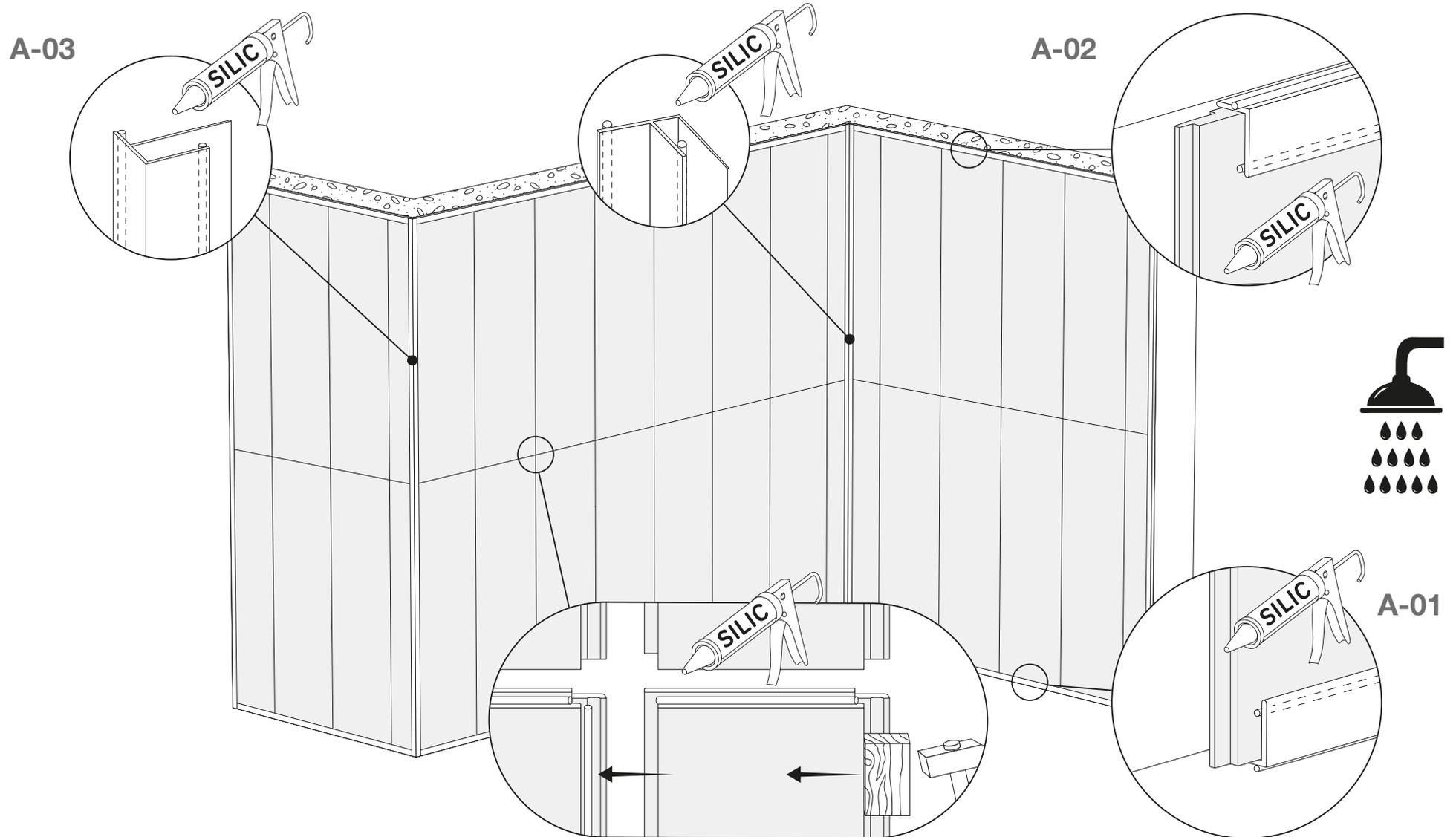


# Panels 135 cm - vertical installation Finishing angles with the finishing trims



In case of the internal angles, the trim should be placed on the panel before its installation.

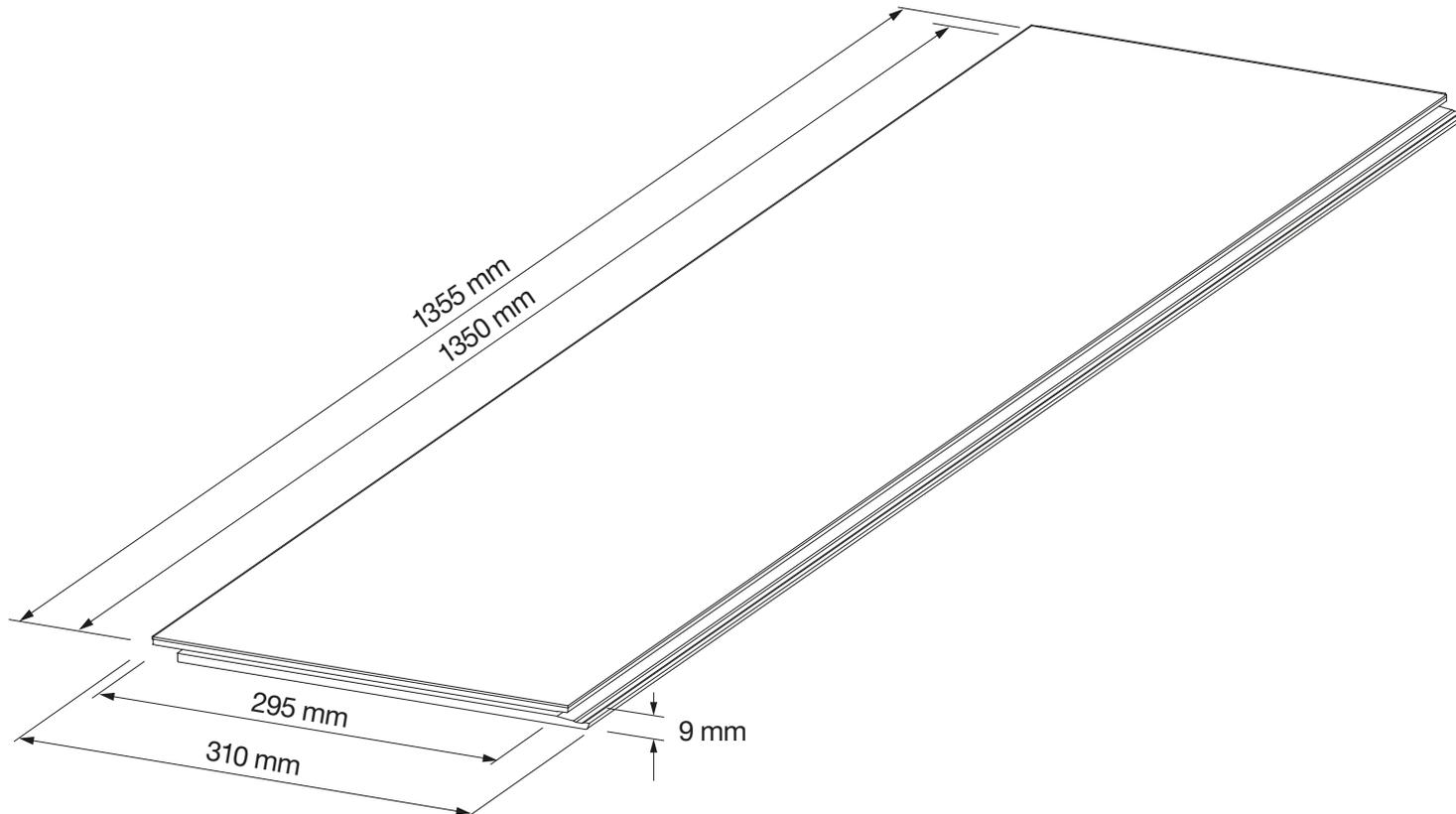
**VOX** Panels 135 cm - vertical installation Installation in damp areas



KERRADECO panels are waterproof, but their joints need to be additionally sealed up silicon – to prevent water from penetrating the gaps. Particular attention should be paid to the angles and to the spaces along the ceiling and the floor.



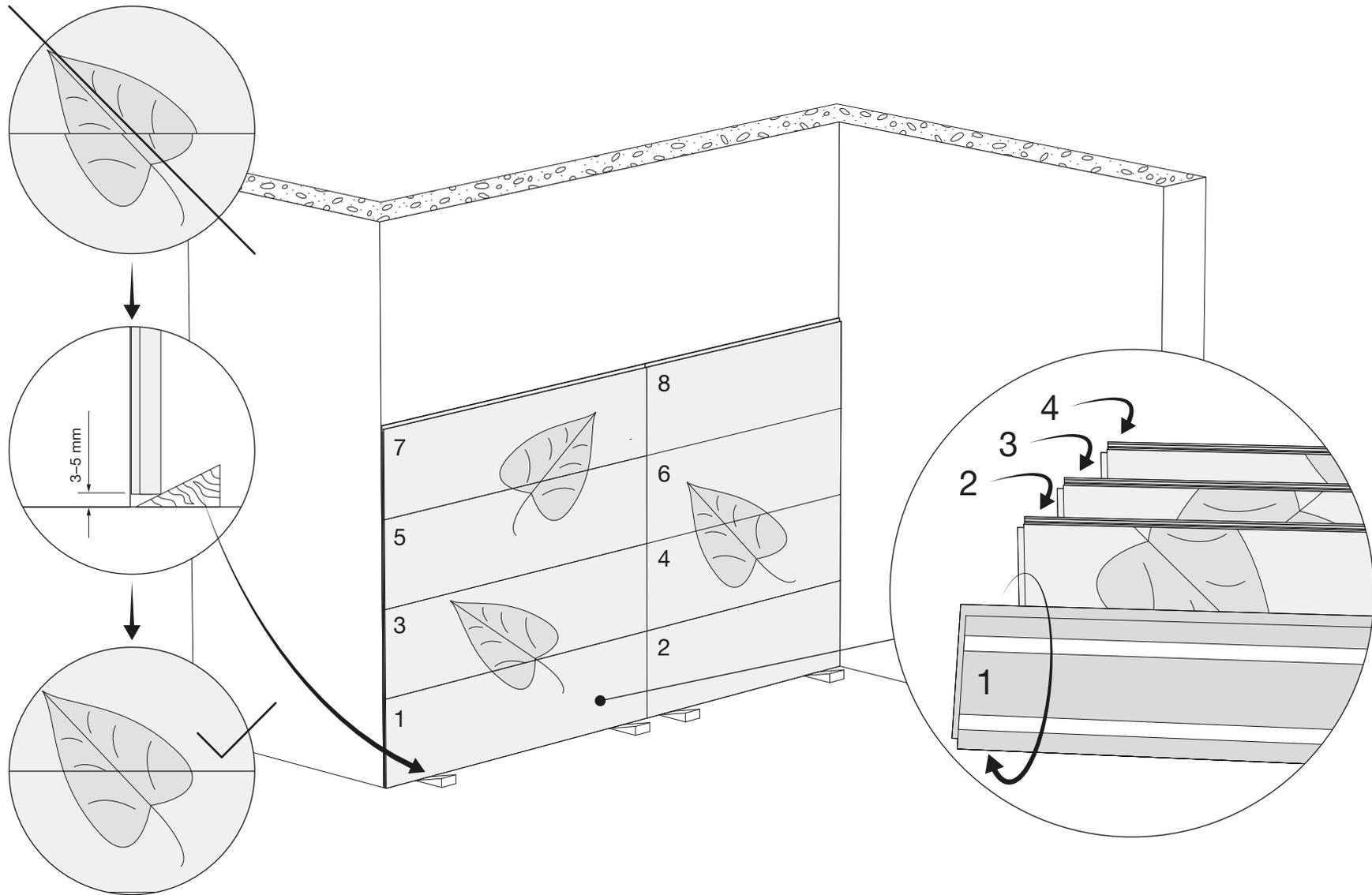
## Panels 135 cm – horizontal installation



**Panels 135 cm  
horizontal installation**



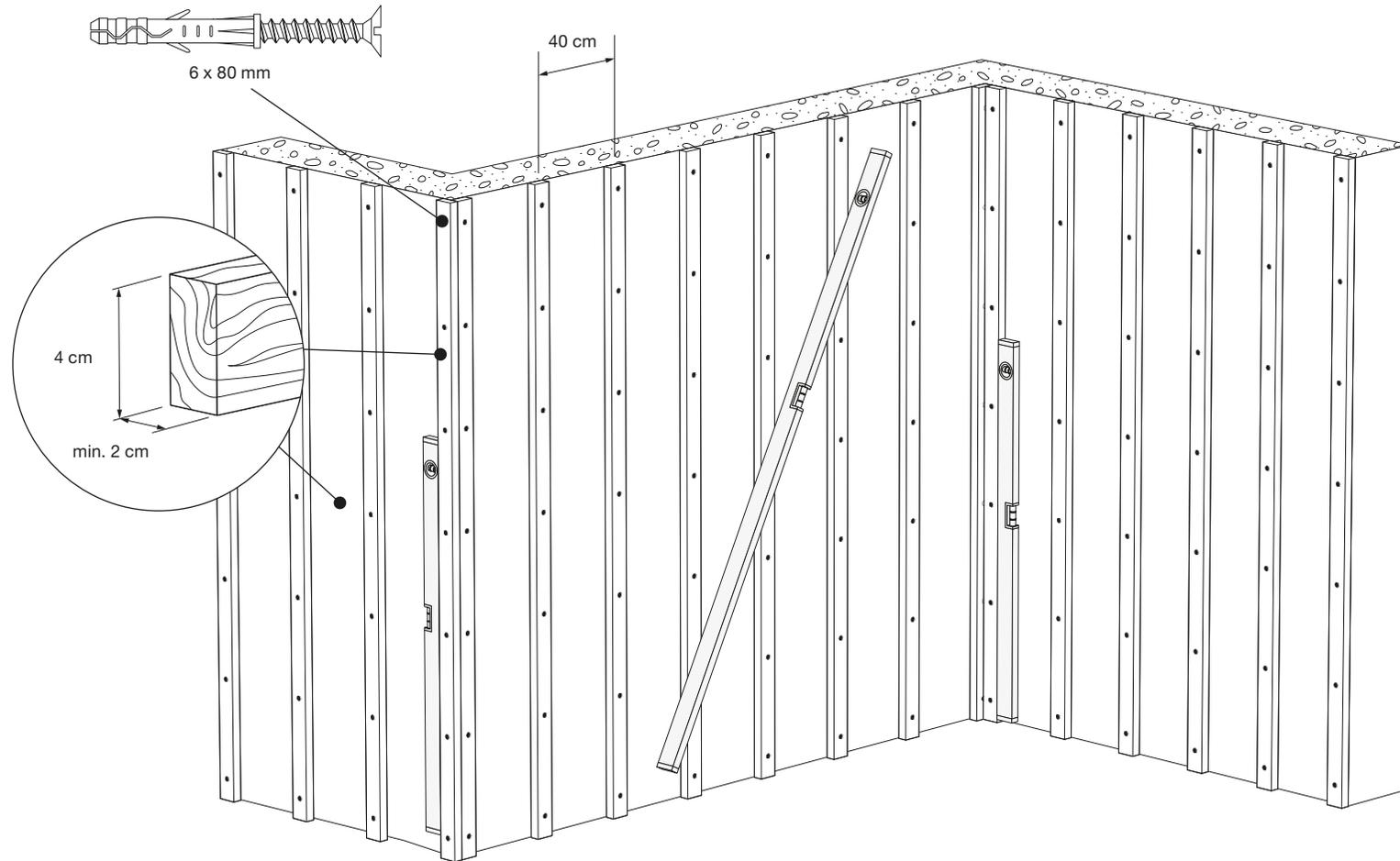
# Panels 135 cm – horizontal installation General guidelines for panel assembly and their order



Wedges can be used to even the printed pattern and to maintain the distance on the finishing trim.

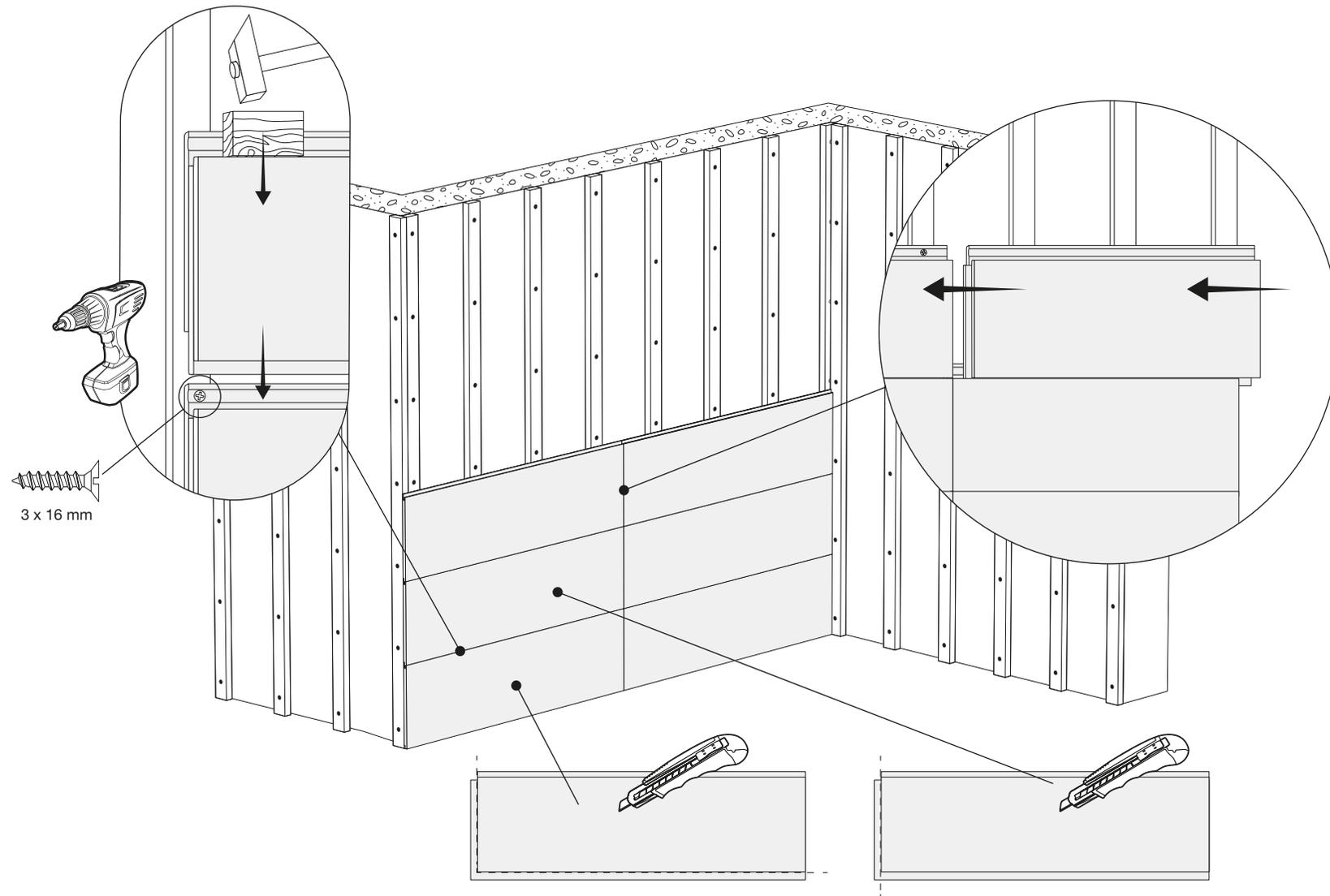


# Panels 135 cm – horizontal installation Installation on a wooden frame – frame construction

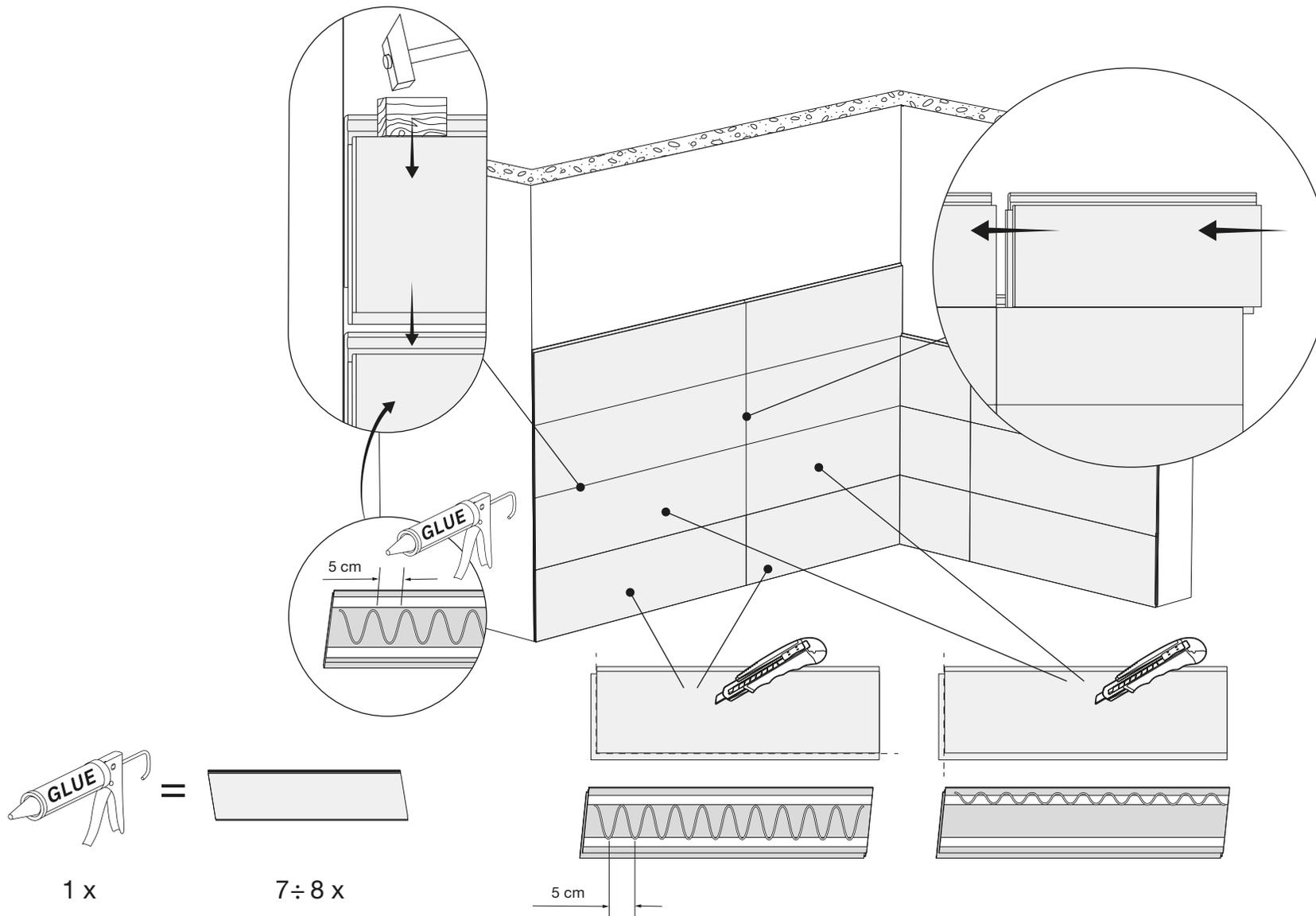




## Panels 135 cm – horizontal installation Installation on a wooden frame – panel assembly

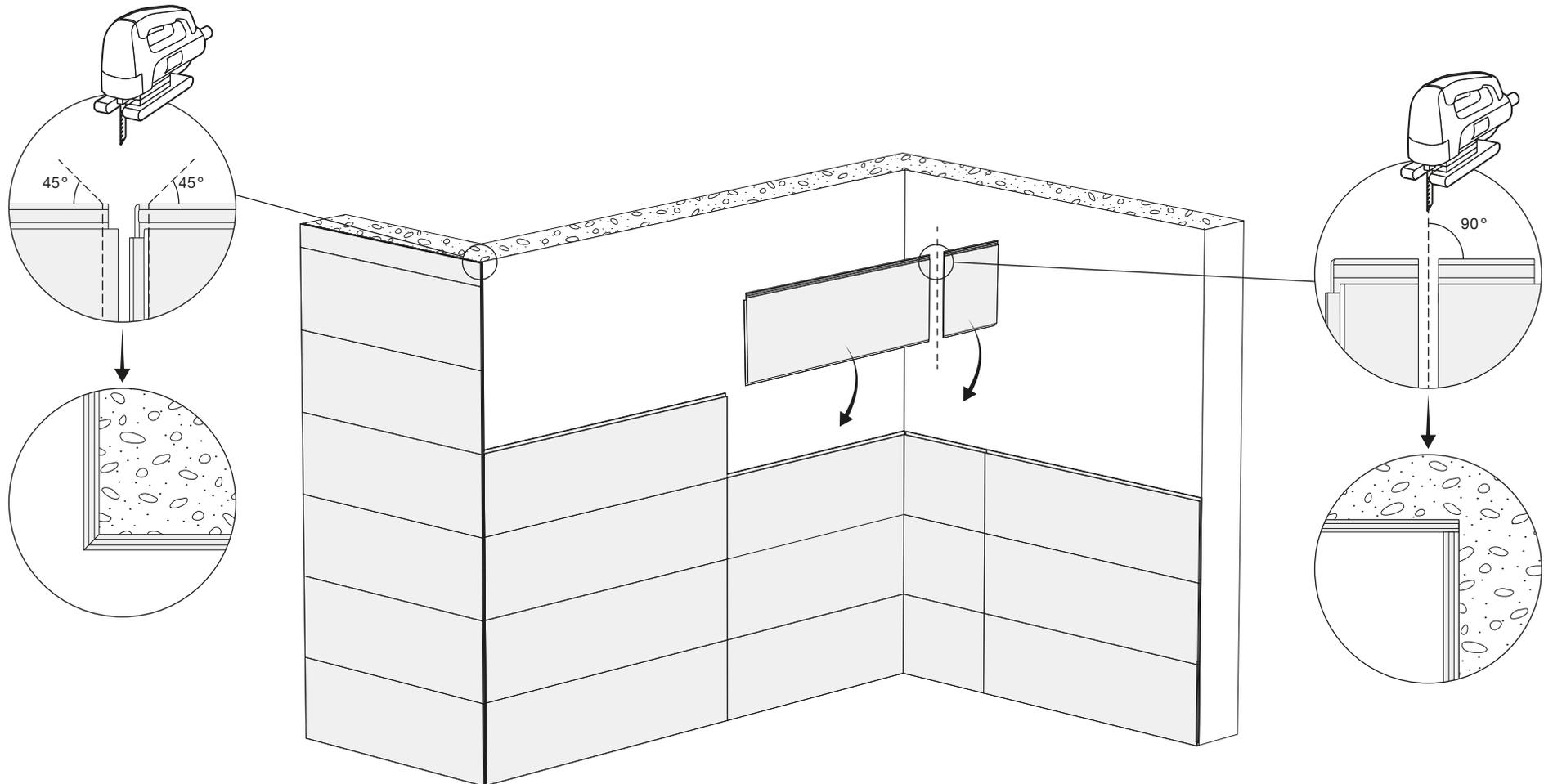


When placing the first panel on the wall, trim the tongue or the groove using a wallpaper trimming knife. A tapping block should be used to avoid damage to the panel's edge or to its groove. The panels should be placed without any gaps between them.



When placing the first panel on the wall, trim the tongue or the groove using a wallpaper trimming knife. When installing the panels with glue, make sure that the surface is smooth, not crumbling, ensuring good adhesion (for example: concrete, ceramic tiles, drywall). The surface of the first panel on a given wall should be completely covered with glue, each successive one only along the panel's edge with the tongue.

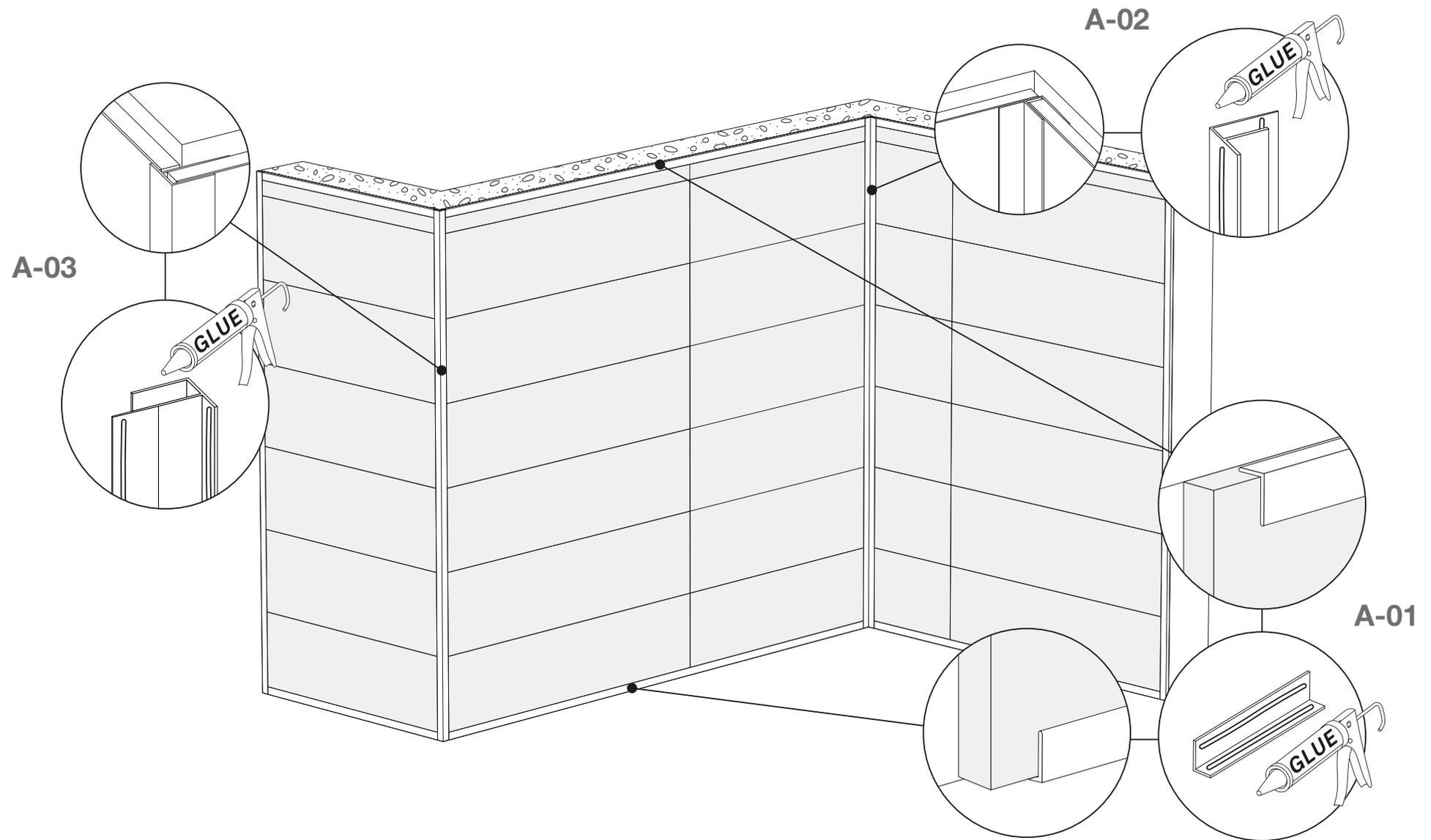
**VOX** Panels 135 cm – horizontal installation Finishing angles without the finishing trims



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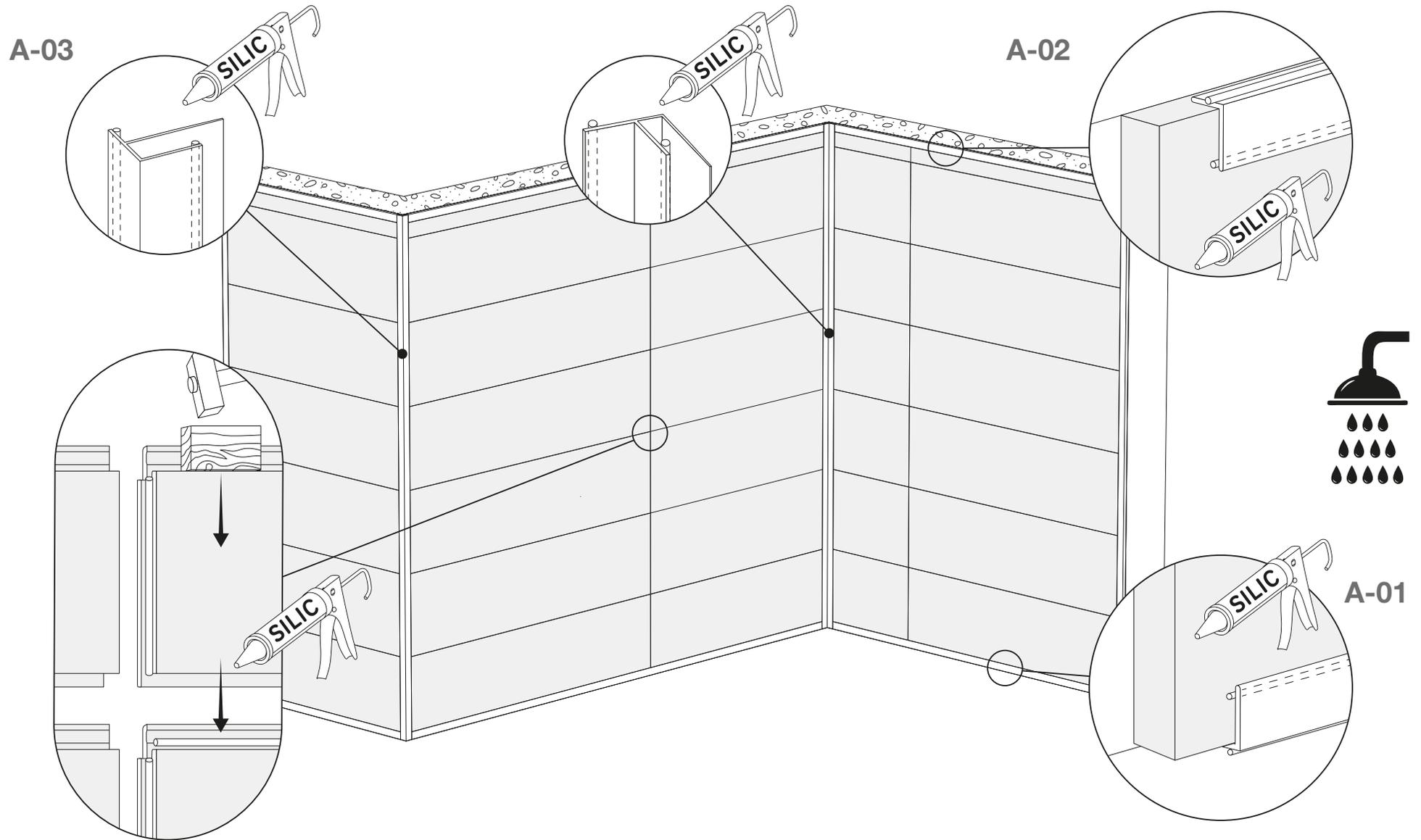


# Panels 135 cm – horizontal installation Finishing angles with the finishing trims



In case of the internal angles, the trim should be placed on the panel before its installation.

**VOX** Panels 135 cm – horizontal installation Installation in damp areas



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