

KERAMA

HARMONY CLADDING

INSTALLATION GUIDE

KERAMA

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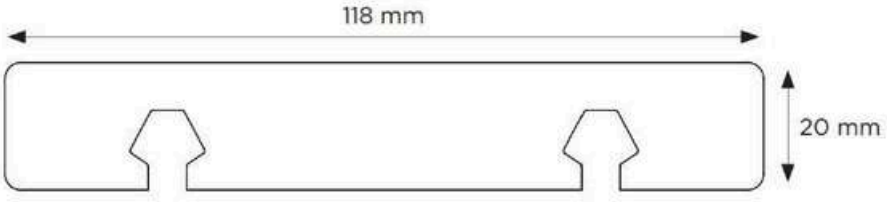
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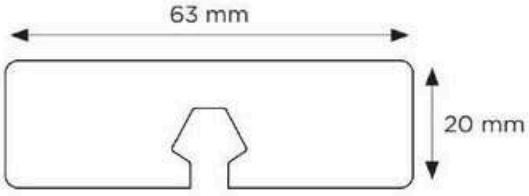
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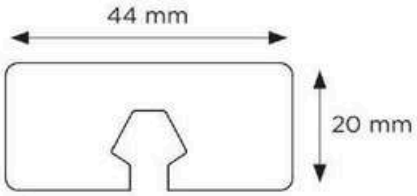
IMPORTANT: THE IMAGES IN THIS INSTALLATION GUIDE ARE INTENDED TO PROVIDE A GENERAL IDEA OF THE PRODUCT AND ARE FOR ILLUSTRATIVE PURPOSES ONLY.

View the warranty information on our website.

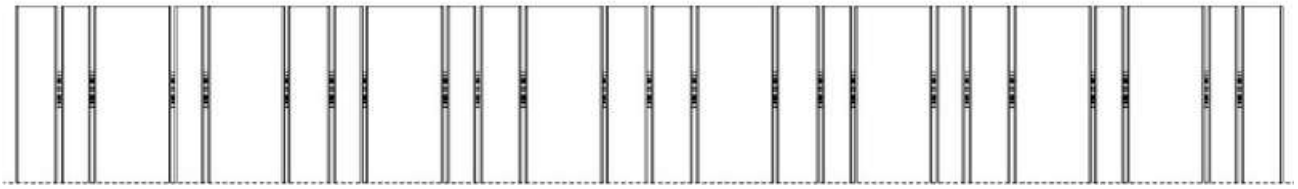
MEASUREMENTS







STANDARD CLICK SYSTEM CARTRIDGE



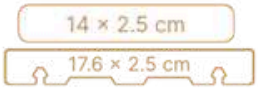
*Another pattern is possible on request

ITEMS



KERAMA HARMONY BOARDS

118x20x3000mm
63x20x3000mm
44x20x3000mm

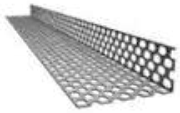


KERAMA FINISHING BOARD

40x25x4880mm
176x25x4880mm



GRAD® CLIP



ALUMINIUM VENTILATION PROFILE

Ventilation profile



GRAD RAIL

Different sizes available



EPDM RUBBER



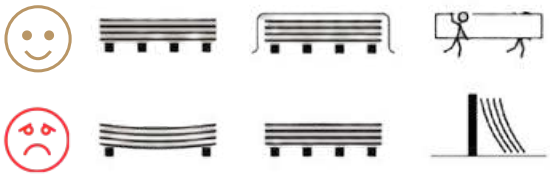
KERALOC® CLICKCLIP



KERALOC® STEEL PROFILE

35x25x4000mm
35x25x2395mm

10 IMPORTANT STEPS





1 STORAGE

- It is essential that the boards are stored horizontally on a flat surface.
- Ensure that the material at the work site or construction site is covered with a **white, ventilated rubbe**r to protect it from direct sunlight.
- Always remove the boards from under the protective covering and install them **immediately**. If the boards warm up in the sun before installation, they may shrink as they cool, which can cause permanent gaps.
- Do not install the boards **in extreme temperatures**, such as above 30°C or in frost.

2 TOOLS

- Mitre saw
- Spirit level / laser
- Electric screwdriver / tacker



Figure 2

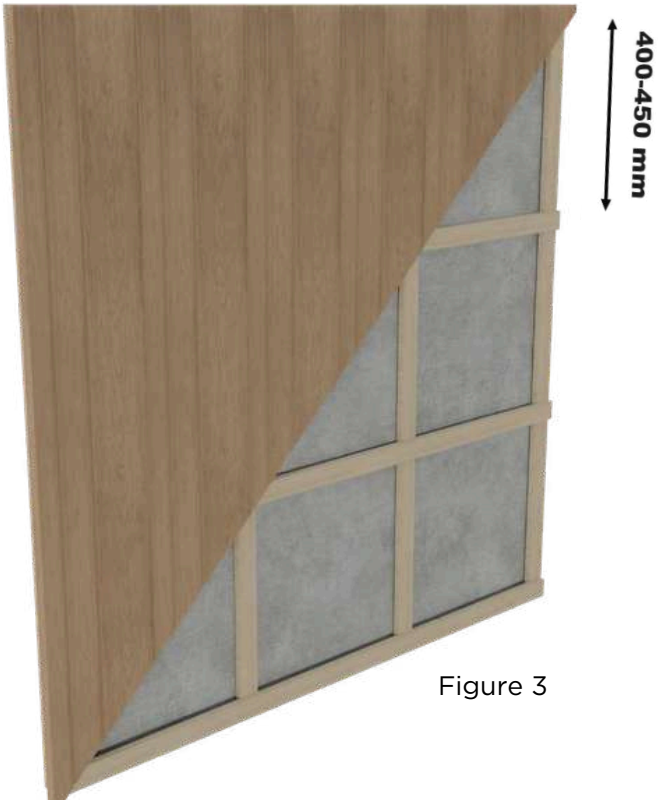


Figure 3

3 REAR STRUCTURE

- A double batten (cross-lath installation) is **required** when installing the boards **vertically**. For horizontal installation, a single batten is sufficient.
- Install the slats with a center-to-center distance of **400 to 450mm.**
- The ends of two boards can be attached to the same batten, provided there is sufficient space. (When attaching the ends, allow a **minimum spacing of 15 mm** for the screws.)



OPTION 1



OPTION 2

4 CUSTOMISATION

- Each board must be cut to size before installation. Always cut with the visible side of the plank facing down, see **figure 5**.
- Sawing must be carried out accurately in order to achieve neat end joints.

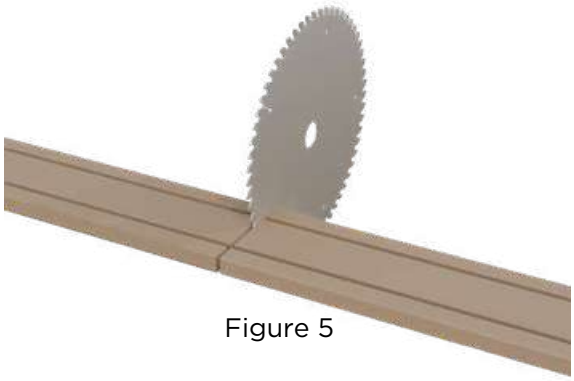


Figure 5

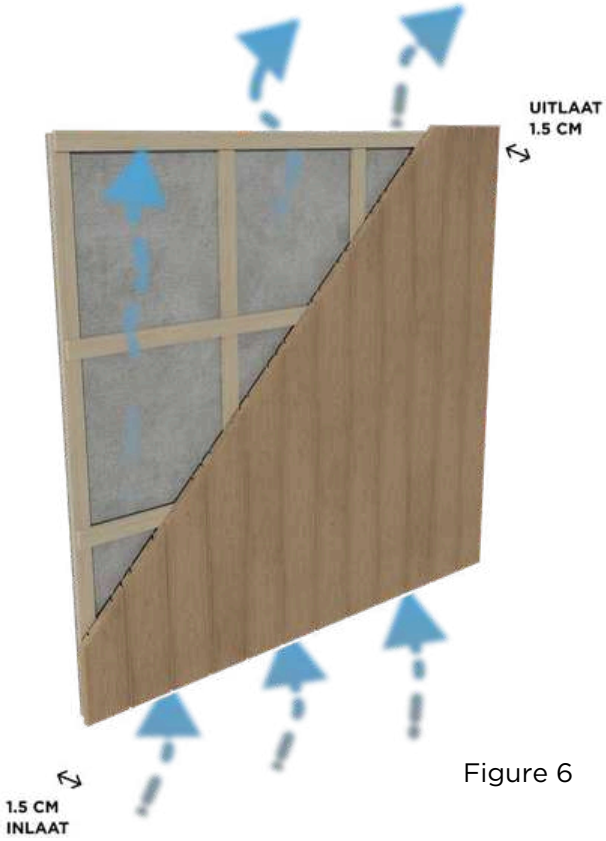


Figure 6

5 VENTILATION SPACE

- It is important that the material can ventilate properly, so ensure there is sufficient space for air to circulate freely, see figure 6.
- Install 150 mm above ground level, and leave a 20mm distance between boards, sheet metal, walls etc.
- The ventilation space (batten thickness) must be at least 28 mm.
- Always ensure there is a clear ventilation opening at the bottom (inlet) and top (outlet) of the facade. This opening must be at least 15 mm.



Figure 7

6 ORIENTATION OF THE BOARDS

- **Horizontal installation:** only minor adjustments are required, see **figure 7.**
- **Vertical installation:** a double framework (cross-batten processing) is mandatory

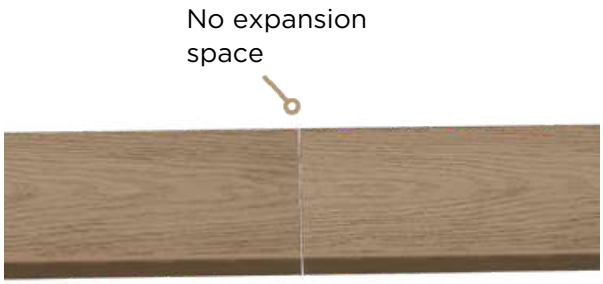


Figure 8

7 EXPANSION

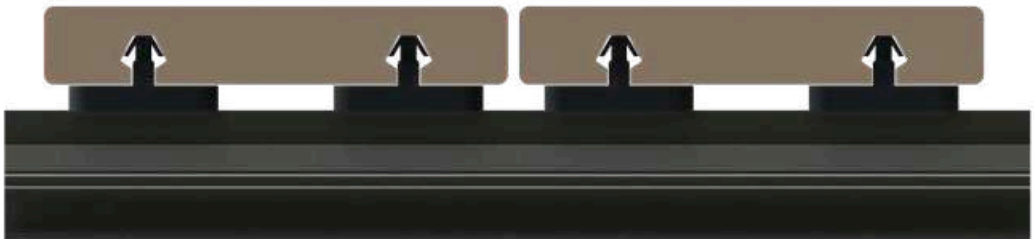
- Under normal circumstances the planks are mounted cold against each other, without any expansion space at the end edges **(Figure 8).**
- **Important installation conditions**
- It is strongly discouraged to install the boards at temperatures below **0°C** and above **30°C.**
- Remove the boards from the pallet and **install them as quickly as possible** to prevent them from heating up in the sun.
- Do not install boards that have already been heated by **direct sunlight.**

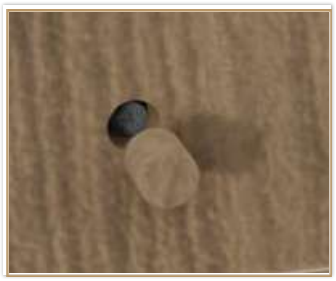
8 FASTENING

Degree

1: Click system

Align the groove of the Harmony board with the clips on the Grad rail. Press the board firmly until it clicks into place. Check that the board is securely fastened along its entire length.





2: Cortex screws

Fix the board with a screw and plug (cortex) **only** at the corners, or when the click system cannot be used.

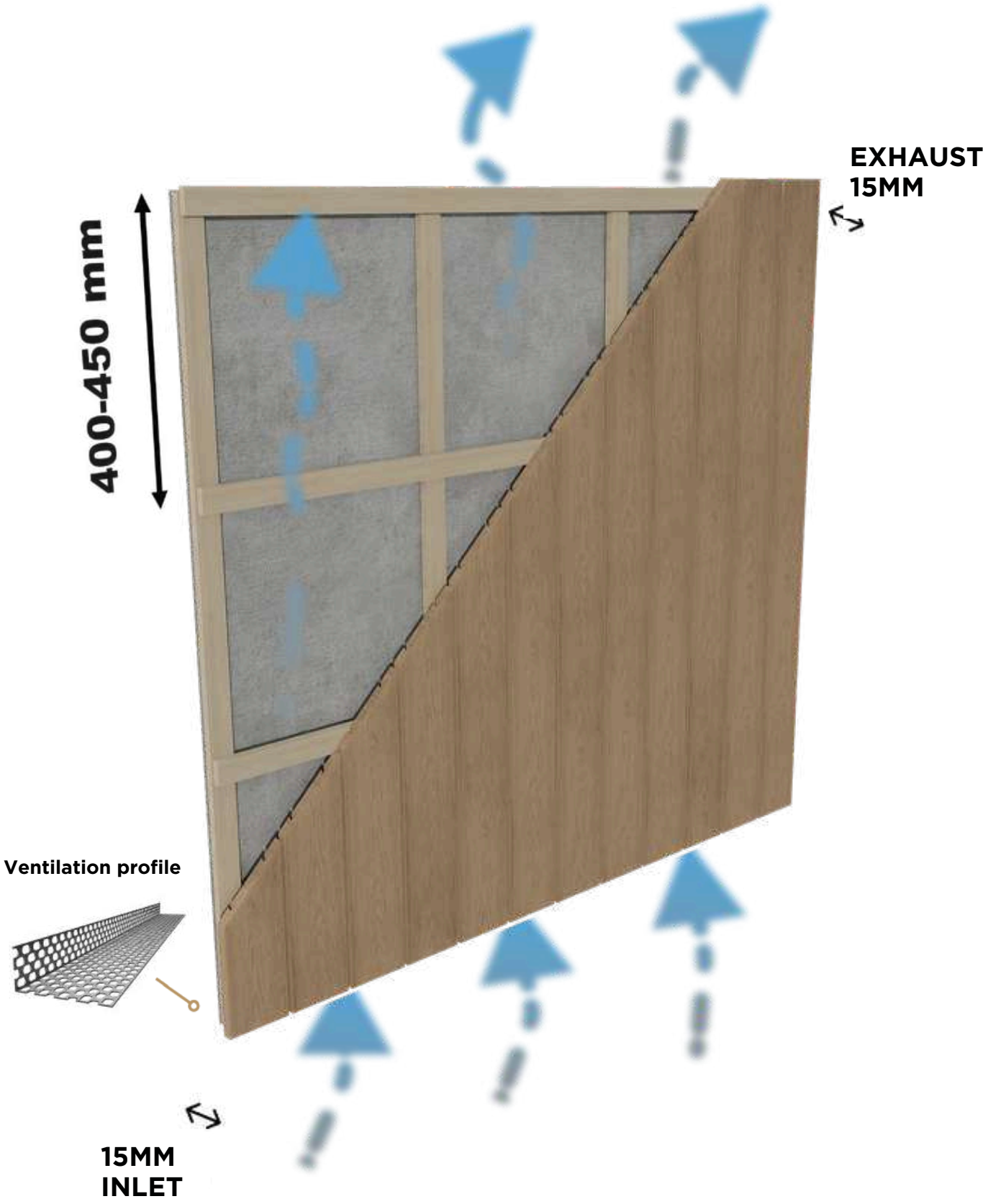
9 FINISHING

- We recommend our finishing profiles with wood grain (Kerama) or aluminium profiles.
- All options are described in this manual.

10 MAINTENANCE

Kerama boards guarantee UV resistance without visible discoloration. The material may become dirty over time. Cleaning can be done with water and a mild detergent; careful use of a pressure washer is also possible.

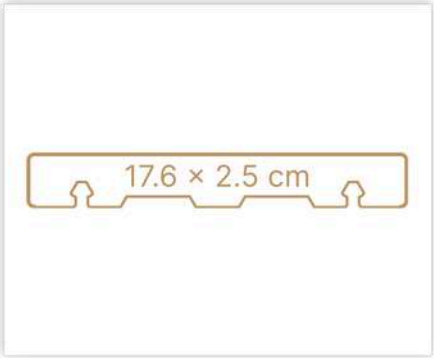
GENERAL OVERVIEW



KERAMA FINISHING BOARD



Kerama Finishing Board



Kerama Finishing Board

FINISHING PROFILES FOR A PERFECT DETAIL

Harmony cladding's finishing profiles provide a perfect, detailed finish to your exterior cladding. They offer a versatile solution for clean corners and seamless window and door frames. Available in various shapes for a high-quality result.

The Cortex system is also suitable for invisible mounting of finishing boards and corners.







OUTER CORNER



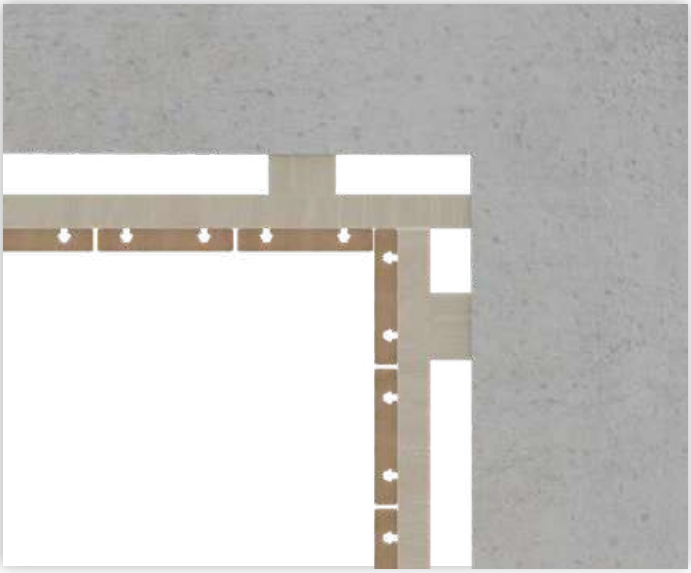


OUTER CORNER

Kerama's finishing profiles ensure a perfect, detailed finish to your facade. They offer a versatile solution for clean corners and seamless window and door frames. Available in various shapes for a high-quality result that suits any style.

INNER CORNER



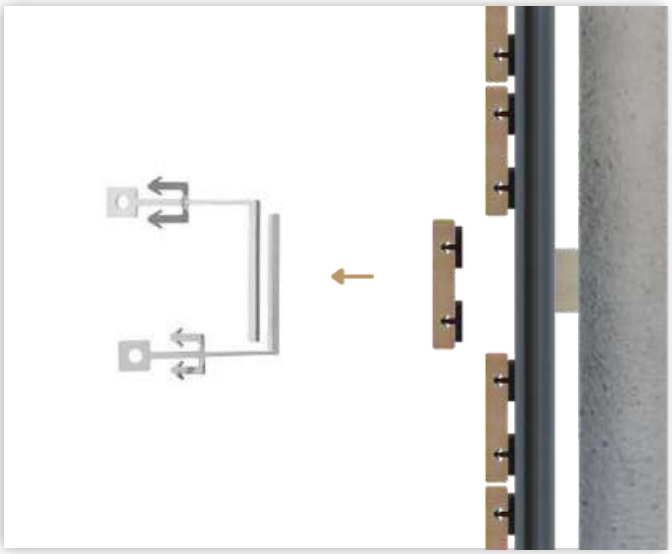


INNER CORNER

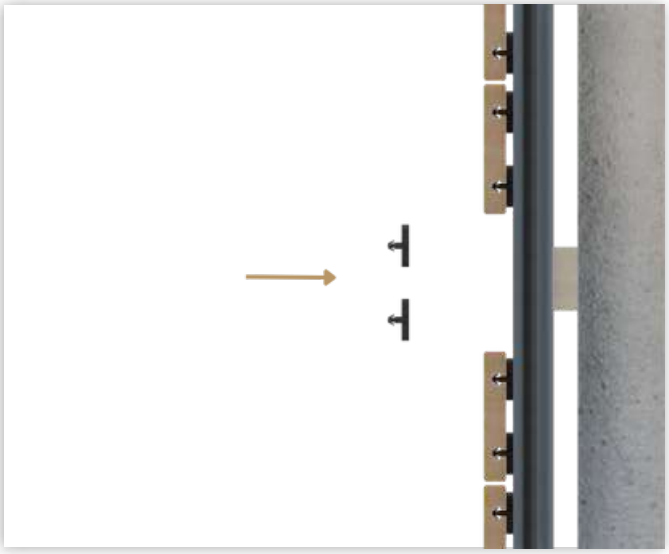
Kerama's finishing corners ensure a perfect, detailed finish to your facade. They offer a versatile solution for clean corners and seamless window and door frames. Available in various shapes for a high-quality result that suits any style.

REPLACING BOARDS

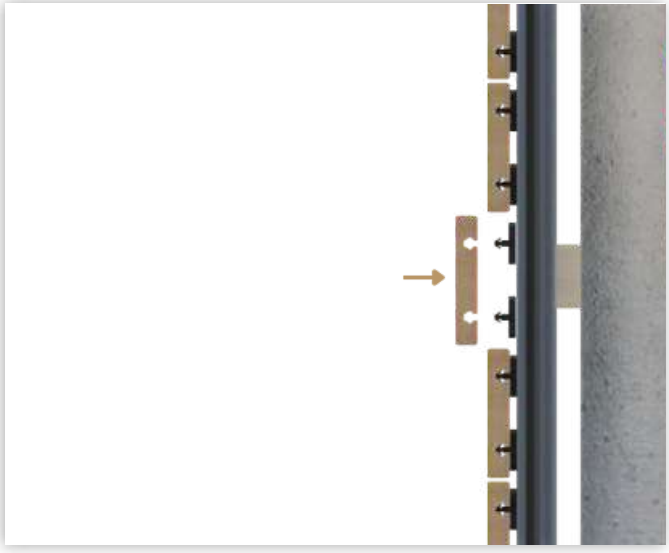
WITH GRAD



Step 1 (USE: Grad® : DISMANTLING KEYS)

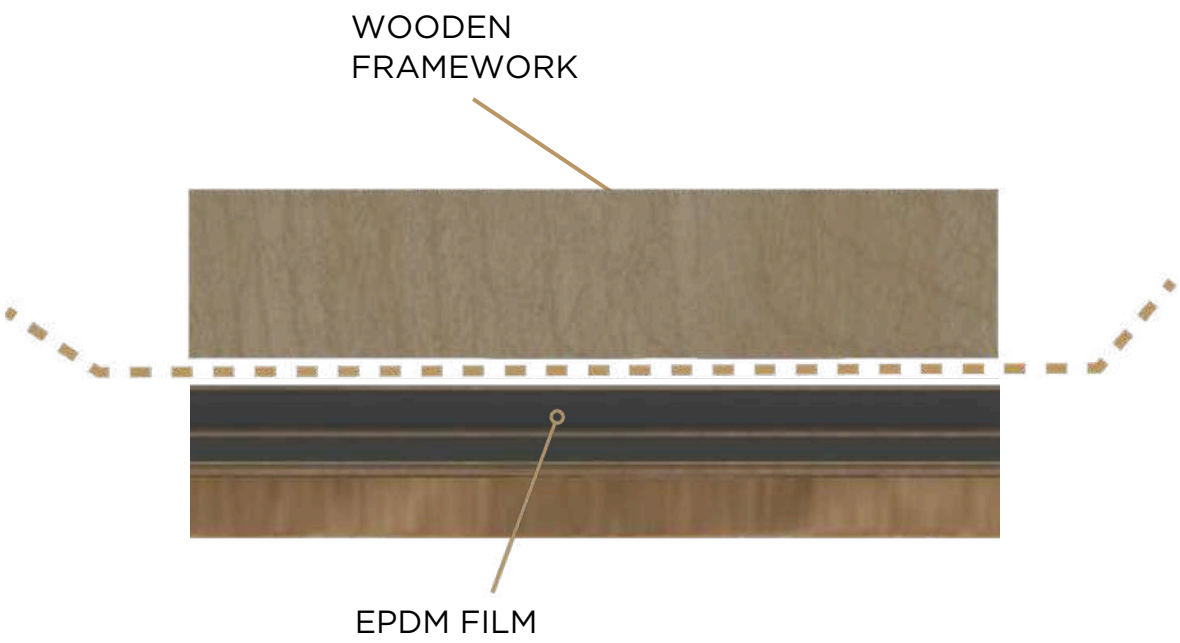


Step 2 Replace clips



Step 3

EPDM RUBBER



Using EPDM film is a crucial step for a durable and maintenance-free application. This sheeting provides the necessary protection for the most vulnerable parts of the structure.

- Recommended for long-lasting results. The rubber forms a **waterproof and windproof** barrier.
- Protects the wooden support structure. This is essential when using less intensively treated wood types. The EPDM film reduces the risk of moisture corroding the wood.
- Perfect for uneven surfaces. Thanks to its high flexibility, the film effortlessly absorbs irregularities in the wooden frame and ensures a seamless, tight seal.



KERAMA

KERAMA GROUP B.V.

Braillestraat 10
2652 XV,
Berkel en
Rodenrijs
The Netherlands

info@keramagroup.com

www.keramagroup.com