



FACADE BOARD INSTALLATION GUIDE



We manufacture high-quality charred wood cladding boards, which come with a 10-year warranty. To help you ensure the long-lasting beauty and functionality of your façade, please read and follow this installation and maintenance guide carefully.

Important: Improper installation may shorten the lifespan of the boards and cause damage to the wood.

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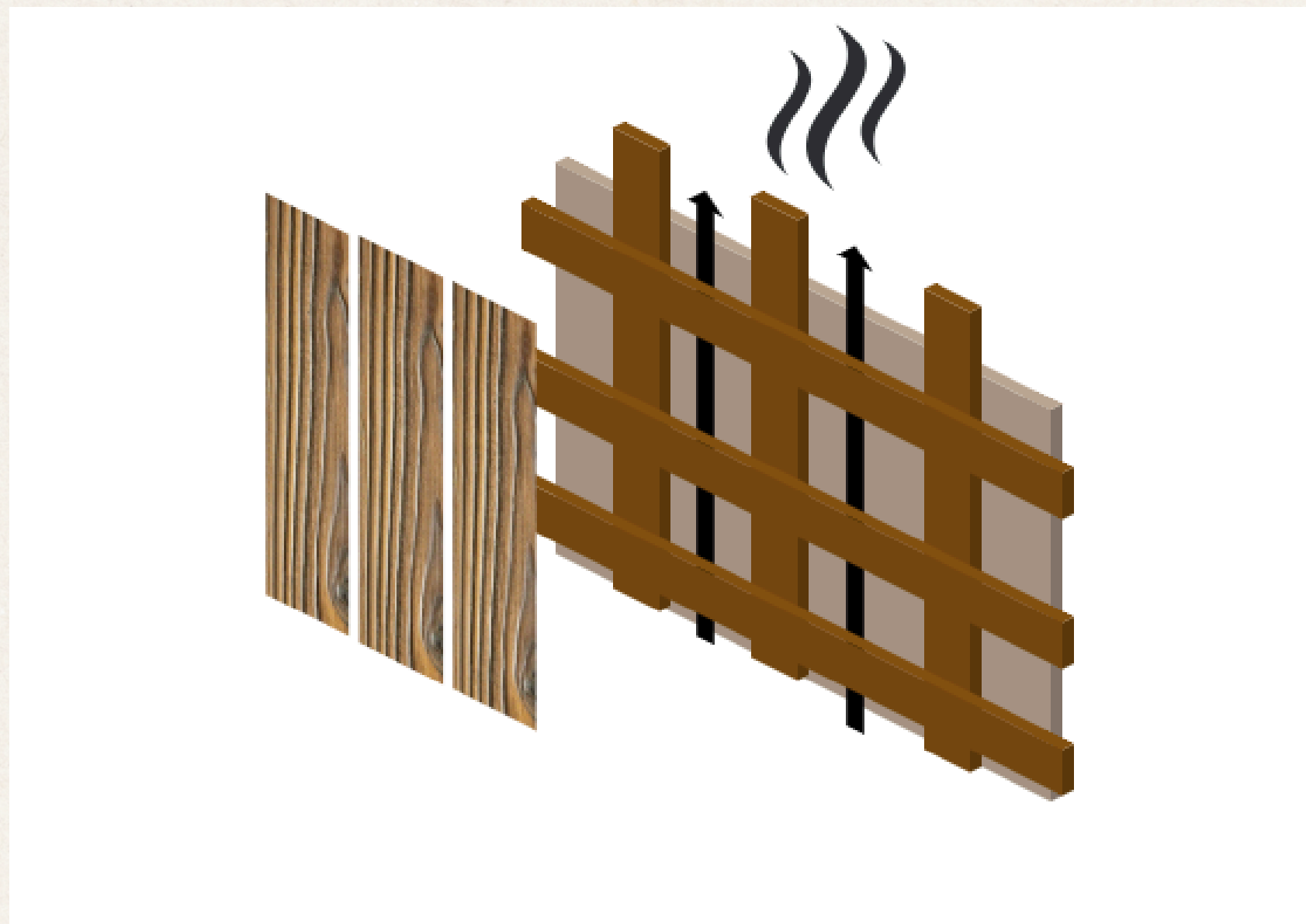
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- 01** Before installing cladding boards, it is important that the ventilated facade is properly prepared.
- 02** The air gap from the main wall should be at least 2.5–3 cm. Air circulates vertically.
- 03** Fastening spacing every 50–60 cm.
- 04** Burnt wood must be fastened with **stainless steel screws or nails** to prevent oxidation and potential visual changes in the future. Screws with painted heads matching the color of the boards can also be used.

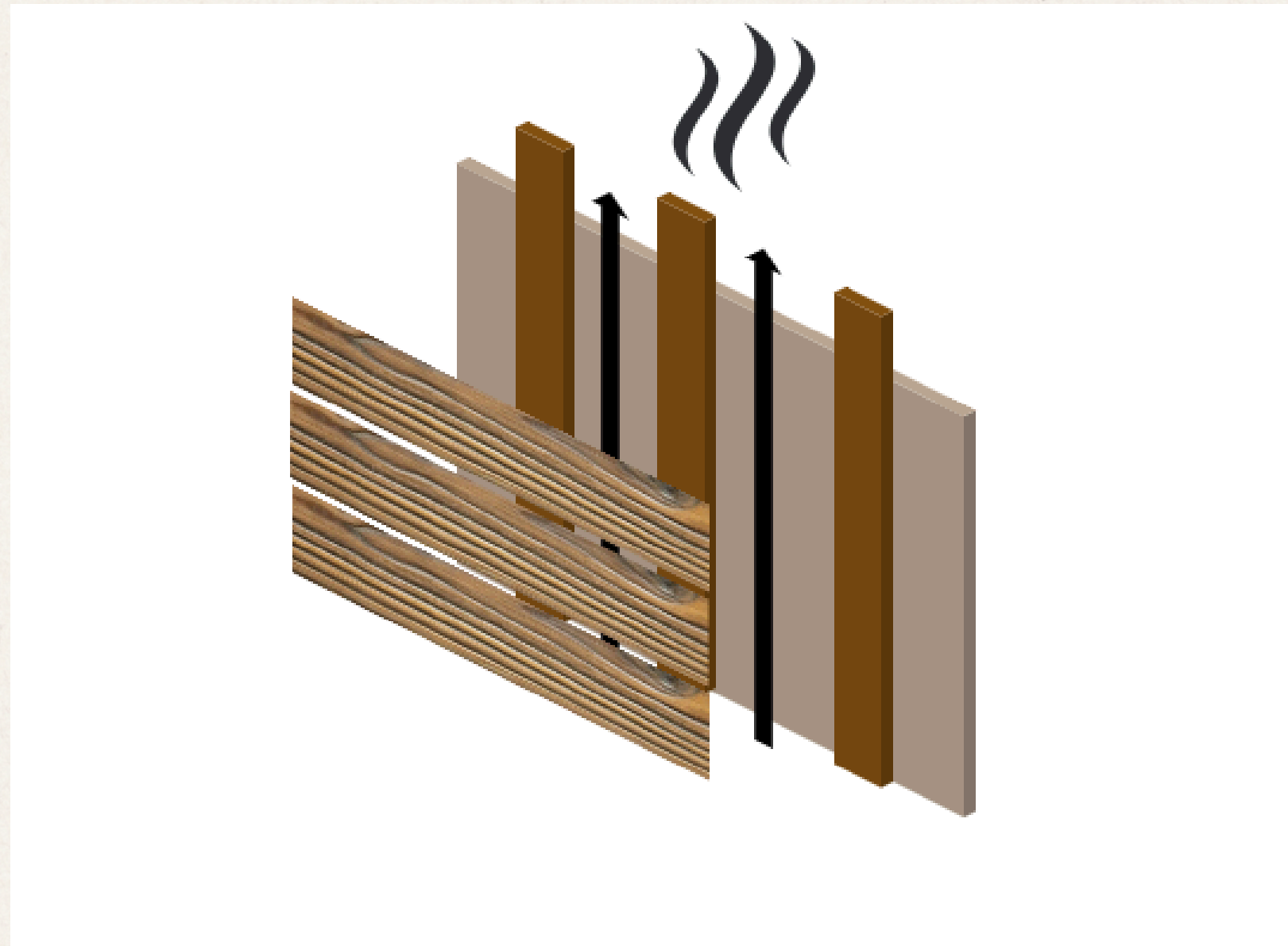


- 05** If you are using 18–20 mm thick boards, you should choose screws with a thickness of 4.2 mm and a length of 42 mm.
- 06** If nails are chosen for fastening, their size should be 1.6–1.8 mm in thickness and 38–45 mm in length.
- 07** Two fasteners are used per board at each mounting point. On average, 32 screws or nails are needed per 1 m².
- 08** Board joints are possible at the batten fastening points.

Vertical installation



Horizontal installation



- If you are installing boards during a wet period, it is recommended to fully tighten tongue-and-groove boards. Rectangular and diamond-shaped cladding boards should be installed with a 3 mm gap. If installing during a dry period, we recommend leaving a 1 mm allowance, and a 5 mm gap for rectangular and diamond profiles.
- When installing burnt wood boards, lightly burn the cut ends with a handheld tool and apply oil.



Tip.

Corner and reveal processing: It is recommended to round and recess the corners using the same boards. Cut ends should be lightly burned and oiled. One solution is to fasten rectangular boards on the corners. For reveals, boards of different dimensions without tongue-and-groove can be ordered.

Wooden frame fasteners: It is recommended to choose reliable fasteners to ensure that, as the wood 'settles,' screw heads do not break and boards do not come loose. It is IMPORTANT to select screws or nails of the appropriate size according to the thickness of the wood used.



Maintenance and color restoration



1.

Studies show that light colors fade within 4–5 meters, while dark colors, which contain more pigment, fade within 7–10 meters.

2.

Renewal: Blow off the dust with air and apply 1–2 coats of oil in the same color. (For light colors, a similar shade can also be used.)

3.

It is not recommended to use a high-pressure water washer, as it will damage the wood texture.

4.

If you need to renew the color, you can contact us regarding the oil: info@ligni.it

5.

It is recommended to regularly inspect the house facade boards. Remove any mold, moss, or other damages as they appear.

6.

Wood is a natural material, so over time slight resin streaks may appear. Although the likelihood is low, if this occurs, we recommend removing them using a solution with the following composition: 97% denatured ethyl alcohol.

- Heat the area of the wood you want to clean with a hot air stream.
- Dampen a clean piece of cloth with the resin remover.
- Gently wipe the resin off the wood surface.
- If necessary, repeat the procedure.
- Instruction video: <https://youtu.be/A6T23FgyfBM>

Storage conditions

1.

Manufactured but not yet installed boards must be stored properly.



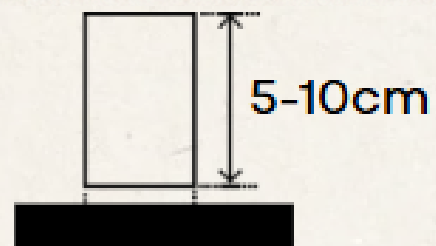
2.

The most important thing is a level base to prevent the boards from warping while standing.



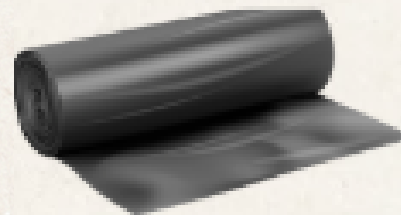
3.

The stack of boards should be raised 5-10 cm above the ground.



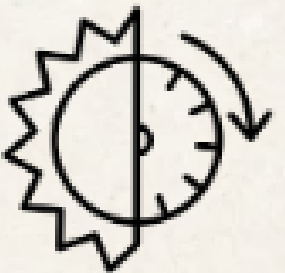
4.

The boards must be covered with a UV-resistant film.



5.

To maintain color consistency, burnt wood boards must be protected from UV radiation, as this type of boards gradually changes color when exposed to sunlight.



6.

When planning to use burnt wood cladding boards for interior design, we recommend to:

- store the boards in a dry, heated room;
- avoid sudden changes in temperature and humidity;
- keep the boards indoors for at least 2-3 weeks before installation to allow them to acclimate to the environment;
- place them on straight supports with gaps for air circulation.

This way, they will acclimate and will not deform during installation.

Summary

Our burnt wood boards are fully prepared for installation. They are charred to carbonization, the unstable charcoal is brushed off, and the exposed wood texture is coated twice with a special oil, providing the desired color and protection against environmental effects.

NOTE: The oil provides temporary protection. After a few years (depending on the color), we recommend renewing the boards.

Warranty

Cladding boards come with a 10-year warranty against biological decay (rot) and branch loss, provided they are installed in accordance with the manufacturer's installation guide. Please note that color changes due to natural wood aging or environmental factors such as UV exposure are not considered defects and are not covered by the warranty.

If the boards are installed improperly, they may develop mold, rot, warping, or streaks at fastening points. In such cases, the warranty does not apply.



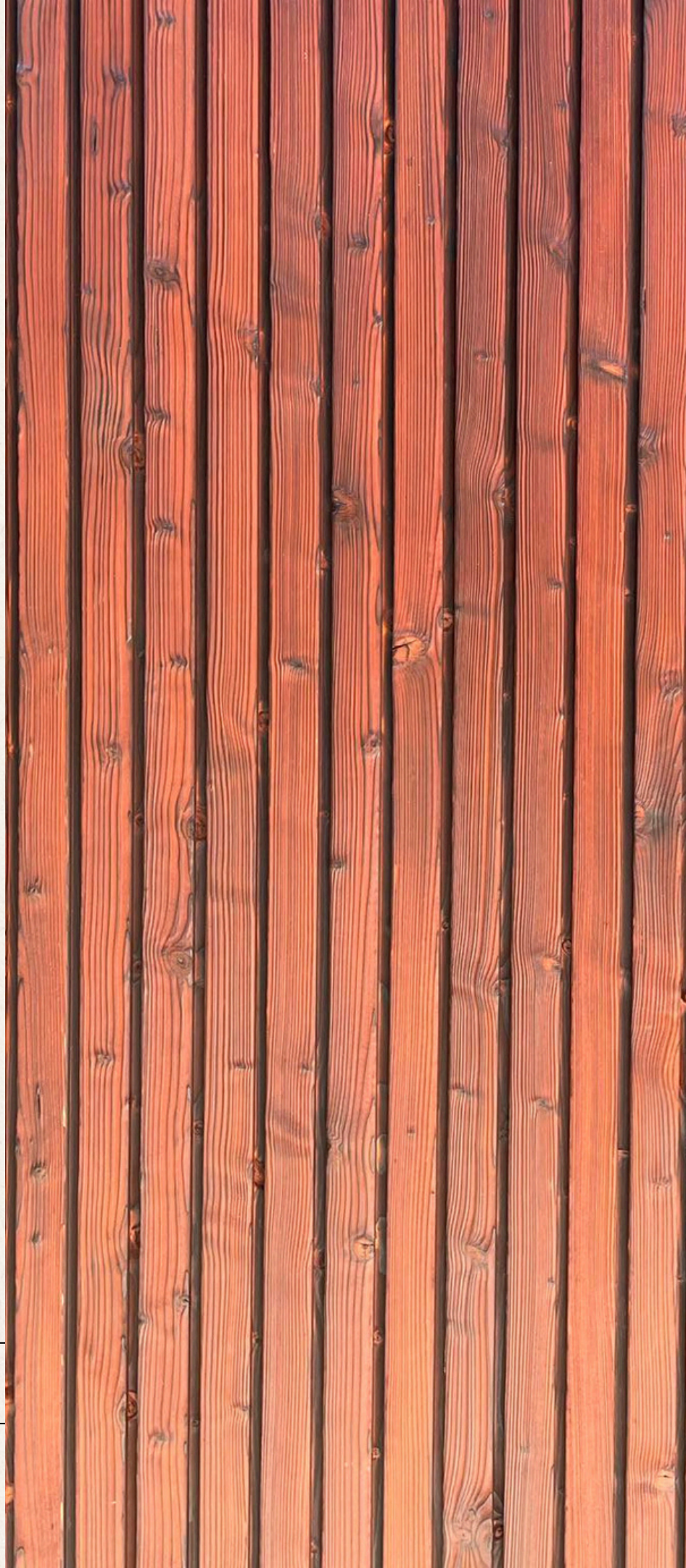
The left side of the image features a vertical background of light-colored wood planks with a natural grain pattern.A rectangular box with a thin red border and a light gray background, containing the text "Enjoy using it." in bold black font.

Enjoy using it.

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Best regards, UAB Ligni linea

The right side of the image features a vertical background of reddish-brown wood planks with a natural grain pattern.