Wall and Ceiling panels

Installation guidelines

PURPOSE

Our engineered hardwood products are suitable for application on walls and ceilings. To ensure a safe, durable, and visually appealing installation, please follow these guidelines

These wall and ceiling installation instructions should be used in conjunction with our “Installation Instructions for Flooring”. Before proceeding with wall or ceiling installation, ensure familiarity with the main Installation Instructions, which cover:

- Project conditions
- Climate control and environmental requirements
- Material handling and storage
- Surface preparation standards
- General installation guidelines
- Maintenance and care

All general requirements specified in the main document must be met in addition to the specific requirements for Wall and Ceiling installations detailed below.

PREPARATION OF THE SUBSTRATE

1. Load-Bearing Capacity:	Verify that the wall or ceiling can support the weight of the flooring and, if applicable, the batten system and/or adhesive. **- Product weights:** - 14 mm (Lite): 8,25 kg/m² (1.7 lbs/ft²) - 15 mm: 11,0 kg/m² (2.25 lbs/ft²) - 20 mm: 13,0 kg/m² (2.66 lbs/ft²) **- Wall/ceiling structure must support product weight plus:** - Weight of adhesive system and/or batten system - Any additional finishing materials The installer is responsible for assessing the load-bearing capacity. Consult a structural engineer or contractor if necessary.
2. Strength:	The substrate must have sufficient tensile strength. Note that existing layers of plaster, wallpaper, paint, or similar finishes may affect the tensile strength of the substrate. If there is any doubt about the substrate’s integrity, use a batten system as described below.
3. Plumbness and Flatness:	For walls, ensure they are plumb (vertically aligned). For ceilings, ensure they are level (horizontally aligned). Both must also be flat, free of warping or distortion. If needed, use appropriate leveling or alignment methods.
4. Dryness:	The substrate must be permanently dry, clean, and free from substances that may affect adhesion.

Hakwood
Leemansstraat 2
4251 LD Werkendam

The Netherlands
+31 183 504 266
sales@hakwood.com

Hakwood Inc.
2244 95th St. Suite 200
Naperville IL 60564

United States
+1 630 219 3388
ussales@hakwood.com

HAKWOOD

INSTALLATION METHODS

1. Direct Installation onto the Substrate

Use a high-quality adhesive that meets the following criteria:

- High initial grab.
- Tough, elastic properties.
- Non-damaging to the flooring's finish.
- Recommended adhesives: Any high-tack adhesive, such as Bostik High Tack or Bison/Griffon Poly Max.

For additional stability, blind nailing can be applied through the tongue of the flooring, providing a strong and invisible fastening.

2. Installation with a Batten System

If the substrate is unsuitable for direct installation, we recommend using a batten system:

- Construct a framework of wooden battens (e.g., pine), mechanically fastened to the substrate with screws, nails, or anchors.

Recommended batten spacing:

- Walls: 300-600mm (12-24") center-to-center.
- Ceilings: 300mm (12") center-to-center for additional support.
- Ensure the batten framework is level and properly aligned.
- Adhere the flooring to the battens and optionally blind nail it for added stability.

KEY CONSIDERATIONS

Fire Safety:	When applicable, the installer must ensure compliance with fire safety regulations for both walls and ceilings, including the impact of the chosen finishes on these requirements. Verify that all materials meet applicable fire safety standards.
	Maintain the correct environmental conditions during installation, including appropriate temperature and relative humidity as specified for the flooring.
Acclimation:	Allow the flooring to acclimate in the installation area for a minimum of 72 hours prior to installation.
	Ensure all materials and methods comply with local building codes and quality standards.

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