

ENGINEERED OAK PARQUETRY INSTALLATION INSTRUCTIONS

BACKGROUND

For our engineered Oak parquetry installed onto Particle Board (PB), Plywood and Concrete we have provided basic points that should be followed to ensure a quality install. Please read the entire document as a range of important considerations are discussed for Direct Adhesive Fix trowel spread installations. **The installation contractor must have experience in dry lay and or pattern set out to undertake parquetry installations. We do not make comment on this pattern process as it is a learned trade skill and unless you are a highly competent DIY or trade person it may become a complicated process. Numerous generic 'how to install' videos are available and provide sound visuals cues for parquetry set out & installation.**

For Concrete Slab installation please refer ATFA Guidelines for adhesion to Concrete Slabs or review the adhesive manufacturer's guidelines. **Concrete Slab substrates must be Dry approx. 2.5 – 4.5%.**

Herringbone & Chevron parquetry patterns require a direct adhesive method of installation. **Parquetry installations cannot be installed by a floating method of installation.** We strongly encourage you to use a professional contractor with demonstrated experience with parquetry flooring installations. To ensure the flooring is correctly installed all direct fix slab installations require an appropriate Moisture Barrier (MB) system. For concrete slabs a system approach with a compatible MB and elastomeric adhesive is required to support warranty provisions.

Substrate flatness is critical; sub-floor should not exceed 3 mm over a 3 m radius in all directions. Any hollows or humps need to be assessed and rectified prior to installation. Please follow manufacturer's guidelines for leveling compound application and drying times.

Please note: Our structural warranty allows for the installation of engineered oak parquetry with in-slab hydronic under-floor heating only. **No other form or any alternate method of floor heating is covered by our structural warranty.**

CONSIDERATIONS FOR INSTALLATION REQUIREMENTS FOR DIRECT FIX ONTO CONCRETE SLAB, PARTICLEBOARD & PLYWOOD.

Importantly, the installation should be performed by a professional contractor. The installation process and parquetry pattern selected is solely the responsibility of the contractor and you must be satisfied that the contractor is qualified to carry out your site installation. Should you have any concerns either contact your retailer or visit the helpful site at <https://www.atfa.com.au/>

1. At site please store the product in original cartons placed on a flat, dry area away from any extreme temperatures.
2. The parquetry must be carefully inspected prior to install to detect any imperfections. Once you have determined the selected pattern a parquetry dry run lay out & line drawing is recommended to assist with visual planning & waste minimisation.
3. **FAULTY PARQUETRY SHOULD NOT BE INSTALLED** and will not be covered by warranty provisions. A waste factor of approximately 10 % is required for cutting, sorting and visual selection. If excessive product faults are detected, please contact the point of purchase immediately for advice. **If in doubt do not install.**
4. Preparation should be made to have the necessary cleaning solutions available to keep any adhesive or other substances away from the surface of the parquetry. Paints and adhesives may prove difficult to remove when the installation is complete. **Do not use masking tape on the coating as it may permanently damage the surface.**

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1. A thorough understanding and inspection of the specific site conditions needs to be undertaken by the installer prior to commencing work. Where possible under floor inspections should be carried out before installation for projects with a bearer & joist system.
2. Substrate materials such as structural Plywood and P/Board should be flat, free of moisture ingress and secure. **Concrete Slab substrates must be dry approx. 2.5 - 4.5%** prior to installation. **All slabs must be fully sealed with a roll-on moisture barrier compatible with the adhesive brand being used.**
3. Substrate flatness is critical; sub-floor should not exceed 3 mm over a 3 m radius in all directions. For concrete slabs, any hollows or humps need to be rectified prior to installation. Follow guidelines for leveling compound application and drying times, **do not install on wet levelling.**
4. All PB & Plywood edges and surfaces should be lightly sanded to ensure flatness, particularly at the joins. Surface area should be sanded to remove any foreign substances such as waxes or paint etc. This will aid the adhesion process.
5. Inspect parquetry blocks carefully prior to install to detect any imperfections etc. **FAULTY PARQUETRY SHOULD NOT BE INSTALLED** and will not be covered by warranty provisions. If further assembly issues arise, please contact point of purchase immediately for guidance.
6. Where possible cover windows 24 hours prior to install, this will moderate the interior temperature and to block excessive direct sunlight.
7. Ensure humidity and temperature levels are comfortable. Avoid installation during excessive weather conditions. Adhesive manufacturer's guidelines provide suitable reference for adhesive application use during high or low climatic conditions.
8. **An optimum install requires full trowel adhesive using a minimum 4-6 mm square notched trowel. A recognised wood flooring adhesive such as Sika, Mapei, or similar is recommended. Refer, Pictures 1 & 2.** Make sure full bond contact occurs to avoid poor adhesion. For other adhesive options please consult the ATFA guidelines to check if an alternate method is suitable for your application. (Elastomeric adhesives provide acoustic benefits).
9. To optimise visual performance, use line drawing guidelines from your dry run set up to avoid small unsightly pattern disruptions. Installer will need to carefully plan the layout for meeting adjoining rooms & hallways. This will assist in providing a balanced blend of grade, colour and joint alignment.
10. Large objects such as Kitchen Island benches can be installed onto a direct fixed floor or installed later. **Please make sure the installed floor is well protected if other trades are still to complete their fit outs.**
11. Perimeter expansion will vary from site to site. The installer will need to assess opportunities to maximise the natural movement of the building and or slab and for areas of cutouts around heating elements & service ducts etc.
12. For optimum visual impact, the parquetry pattern should be installed to compliment the room width.
13. Incidental scratching, chipping and indentations from external sources are site related and therefore will not be covered by warranty provisions. **Please cover flooring with adequate protection if construction, painting & landscaping is still occurring at the site.** The finished floor should be protected from intense direct sunlight.
14. Screens or Blinds should be used to inhibit direct sun. **Rugs and mats should not be introduced until the floor has acclimatised in its environment, this may take approx. 8 weeks.**

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15. As with all-natural flooring products, **NO wet mopping or steam mops should be used to clean the floor before or after installation.** Static or toweling mops for all-natural floor surfaces to clean and for accidental spills. **Refer Picture 3. PH Neutral Bona or Loba Floor Care is recommended.**

16. **Please make sure that masking or similar adhesive tapes are not placed on the surface coating of your pre-finished floor as they may lift or damage the surface coating when removed.**
17. Please consult with your retailer to obtain an up to date **Cleaning and Maintenance Guide.**



Picture 1. Trowel spread



Picture 2. Plank bonding.



Picture 3. Clean spills promptly.

Your new engineered oak parquetry is a living material that will expand and contract in shape if moisture or humidity is raised. It may also shrink if moisture or humidity becomes very low. As with all-natural products damage from these circumstances may lead to irreversible deformation of the floor if the room climate and humidity is left too high or too low for an extended period. In winter months for example if the relative humidity (RH) in a heated room goes below the specified 45 % the floor may be subjected to conditions that could result in plank changes. In this case you should install an air humidifier to prevent damage to your floor. The same may also be necessary with evaporative cooling & air-conditioned rooms.

Disclaimer: Preference Floors has used its reasonable endeavors to ensure the accuracy and reliability of the information contained herein and, to the extent permitted by law, will not be liable for any inaccuracies, omissions or errors in this information nor for any actions taken in reliance on this information. Products must be installed in accordance with relevant installation recommendations and industry best practices.

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