

## VERDEE Outdoor Bamboo Flooring - Installation Instructions and Maintenance Guide

### VERDEE 戶外竹地板安裝指示及保養指引

#### Important Notes 重要提示：

1. Verdee Bamboo Flooring is a natural product which will continue to expand or contract during seasons. Some minor separation between boards might occur after some time.

Verdee 竹地板屬天然產品，於季節變化時會膨脹或收縮。長年累月下地板之間可能出現輕微分離。

2. The Installer should first compare the sample with the products delivered before commencing installation. If there is any problem with the products, for example, different colour or dimension, installation should not be continued.

安裝前，安裝人員應將樣本及產品作比較，確定顏色及尺寸無誤，檢查產品後才開始進行安裝。

3. Verdee Bamboo Living (VBL) declines any responsibility for materials with visible defects once they are installed. Prior to installation, the installer should inspect all material and determine if it matches the work order. If any defects, please keep the original packing and report to supplier immediately.

產品一旦被安裝或出現缺陷，Verdee Bamboo Living (VBL) 恕不負上任何責任。安裝前，安裝人員應檢查所有材料並確定它符合工程所需。如發現有任何問題，應保持原有包裝及立即通知供應商。

4. It is the responsibility of the installer to determine if the job site subfloor and job site conditions are environmentally acceptable for the installation of Verdee Bamboo Flooring. VBL declines any responsibility for failure resulting from or connected with subfloor, or job site damage, or deficiencies after flooring has been installed.

安裝人員有責任以確定原有地台及施工環境是否符合安裝 Verdee 竹地板的條件，以便安裝。VBL 恕不承擔一切因原有地台或工地環境而導致的安裝問題、或於工地造成的損壞、或曾經被安裝過的地板等責任。

5. VBL makes no warranty or guarantee of the quality of the chosen installer's work or of a particular installation performed by them. VBL disclaims all liability for any errors or improprieties in the installation of its products by an installer.

VBL 對於安裝人員的施工技術或某些安裝工序的技巧不作任何保證。一切關於安裝上出現的錯誤或因安裝不當而引起的問題，VBL 恕不負責。



# verdee

## Outdoor Decking

## Installation Instructions & Maintenance Guide

### ■ Before Installation 安裝前

To allow the bamboo floors to acclimate to the environment of the job-site, they should be delivered to the job-site at least 48 hours with all boxes opened prior to the installation. Do not unload flooring during wet conditions. Moisture absorbed by the flooring boards will cause them to swell. If the floors installed before acclimation, they will subsequently shrink back to their in-service moisture content. This shrinkage may produce gaps, which will cause problems with the finished floor system.

竹地板材料應該根據實際施工環境於最少 48 小時前送到施工現場，應打開產品包裝箱，讓地板適應工地環境。切勿卸載地板於潮濕環境，水分或水氣會促使地板發脹。如安裝時未有足夠時間適應，地板其後會收縮至原有的含水量。這種收縮可能會產生縫隙而在安裝完成後引起問題。

### ■ Ventilation 通風

Good ventilation is essential. A minimum of 100mm high unobstructed continuous airspace should be left along three sides of the deck to allow cross ventilation. Leave sufficient space below the bottom of the deck joist. Without adequate ventilation, the top surface typically appears dry but the deck underneath could be damp from moisture and eventually be damaged.

必須設有良好的通風。確保地面已妥善清理，在龍骨及地面之間必須預留最少100mm 高的空隙讓兩端及底部通風。龍骨底部應留有空隙。

如果沒有足夠的通風措施，地板表面將呈現乾旱而地板底部則會受濕氣影響呈現潮濕甚至結構遭破壞。

### ■ Moisture Resistance 防潮性

Verdee Bamboo flooring is made from the highest quality bamboo available. It has stability properties that exceed most wood flooring products. Bamboo is a solid and natural product which will naturally expand when being exposed to moisture. However stability is still higher than similar solid wood flooring. Excessive humidity could cause cupping or buckling, so it is important to clear up water in order to avoid

the flooring being soaked and damped. Expansion and contraction is not considered as a defect. Proper acclimation of the bamboo prior to installation can help minimize this naturally occurring phenomenon. Verdee 竹地板是由最高品質的竹子製成。它的優異穩定性超越其他大部份實木地板產品。不過，竹子是一種堅固的天然產物，當暴露於潮濕環境下會自然膨脹，但膨脹幅度通常遠低於同類實木地板。環境濕度過高可能導致竹地板拱起或屈曲，所以必須定期清理積水以防止底部長期被浸或受潮。天然物料的膨脹和收縮並不視為缺陷。安裝前讓竹地板完全適應環境，可幫助減少這種自然現象產生。

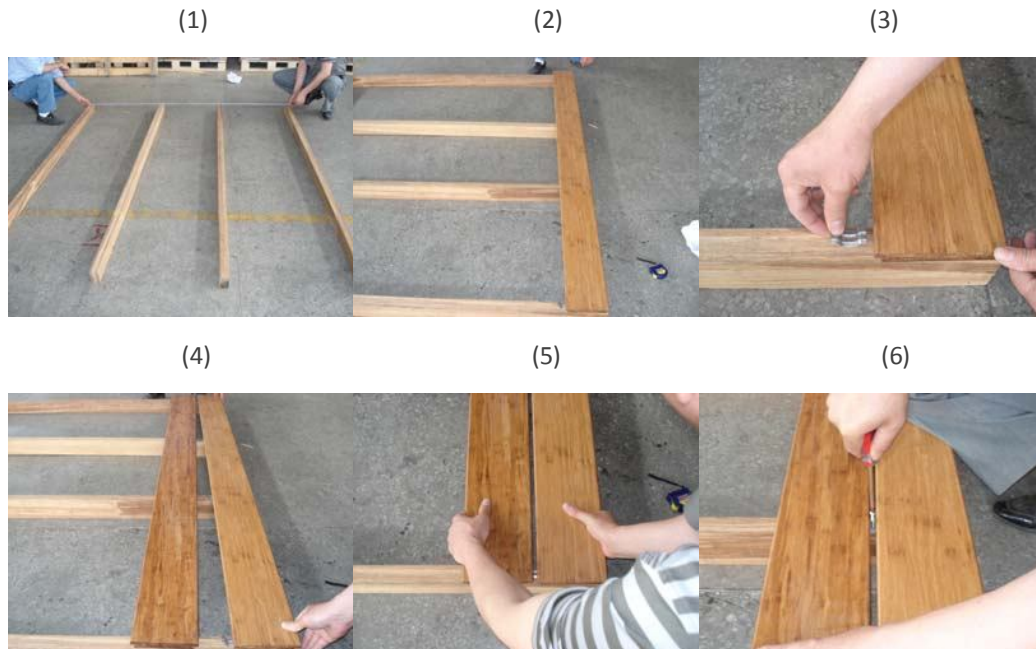
#### ■ Maintenance 保養

For daily care, clean the flooring with water and a soft brush. Do not use steel wire brush. Maintenance work should be carried out at least every 6 months (depends on the site environment). Clean the surface prior to applying protecting oil while carrying out regular maintenance work. Never paint over surface that may contain dirt or mildew and ensure the flooring is dry and clean before painting. Clear up any drain which may cause water soaking frequently. Please contact VBL for repair whenever exfoliation of coating is being noticed. Bamboo decking requires protection coating or the surface can be damaged when it comes in direct contact with water.

日常清潔只需用清水及軟毛刷子洗刷，切勿使用鋼絲刷子破壞表面的保護層。戶外竹地板應最少每六個月要進行定期保養（實際視乎環境而定），塗上戶外地板保護漆前先清潔地板表面，確保地板清潔及乾燥，切勿塗漆在有污垢及發霉的地板上。經常清理可能引起積水的溝渠，以免地板被浸或受潮。如表面油漆受損或脫落，請馬上更換或補回專用油漆，以免竹地板直接接觸水份引致發黑或損壞，亦可聯絡VBL以便及時進行維修避免地板受潮膨脹。

**Demonstration of Outdoor Decking Installation with Fastener**

**戶外地板及配件安裝展示圖**



■ **Installation 安裝**

- 1：在地面上安裝龍骨支架，最少要有4-5支龍骨支架平均分佈在每支戶外板下，龍骨支架必須由堅硬物料製造，並可防霉、防水及防曬。如在安裝過程中有需要將地板鋸開，確保於每邊切口位掃上防水保護漆；
- 2：從邊位開始安裝第一件；
- 3：利用專用碼具及鏢絲將戶外板和龍骨連接；
- 4 / 5：當第一件戶外板固定後，便可開始安裝第二件，而第二件安裝的方法如第3點，如此類推；
- 6：如需更換或拆除，可直接把相關的鏢絲拆下。

1. Install the guard rails on the ground. Place at least four to five guard rails evenly underneath each outdoor decking. Guard rails must be made of rigid materials which are mildew-resistant, water-resistant and UV-resistant. If any outdoor decking be cut during the installation process, protective coating must be applied on each side of the incision to ensure it is waterproof.
2. Start installing the first piece of outdoor decking from the side.
3. Use fasteners and screws to connect the outdoor decking and guard rails.
- 4 / 5: After the first piece of outdoor decking is fixed, the second piece of outdoor decking can be installed according to instruction at point 3. The remaining outdoor decking should be installed using the same method.
- 6: For replacement or removal, simply remove the related screws.