

# WONDERWALL STUDIOS

INSTALLATION MANUAL

PHOENIX

# WONDERWALL STUDIOS

## GENERAL INSTALLATION INSTRUCTIONS

### INTRODUCTION

Congratulations! You have acquired your very own piece from the collection of Wonderwall Studios. Put at it's simplest, this means that you are about to adorn your walls with the most characterful hardwoods the world has to offer. You join a select group of discerning collectors of our work, and as is increasingly being recognised, investors in design that will inspire now and for years to come.

The beauty of our panels is not confined to their appearance. They have been thoughtfully designed so that all levels of decorator can achieve a professional finish. This manual will now guide you through the installation process in five simple steps from page 4 onwards.

### TWO GOLDEN RULES

The two golden rules for the best result are:


- 1 Paint your receiving wall prior to installation in the color of the selected wall panel type**
- 2 Place the wall panels in a random bond**

You will find these golden rules clearly marked in bold writing furtheron in this installation manual.

### OWNER / INSTALLER RESPONSIBILITY

All of our panels are thoroughly inspected to ensure that you receive only the very finest specimen hardwoods nature has to bestow. As all of our materials are natural however some natural variations in grading may occur. It is the installer's responsibility to check the suitability of all panels prior to installation. In the highly unlikely event that any defects are found to be present, you should contact your supplier immediately. Do not install panels you suspect to be defective as we cannot accept returns once panels have been installed.

THE FOLLOWING TYPES/DESIGNS OF PHOENIX WALL PANELS THAT CAN BE RECOGNIZED BY THE CODE ON THE PACKAGING AS SHOWN ON THE IMAGE BELOW.

<b>MODEL:</b>	<b>PHOENIX</b>		<b>BATCH:</b>
<b>DIMENSIONS:</b>	<b>600 / 600 MM 23.62 / 23.62 INCH</b>		<b>01-0401-00-R-1513-NT</b>
<b>WEIGHT:</b>	<b>7 KG 15.4 LBS</b>		<b>a design by WONDERWALL STUDIOS</b>
<b>CONTAINS:</b>	<b>1 PIECE / 0.36 SQM</b>		

PHOENIX CODE

TYPE CODE

It is the installer's responsibility to ensure that the project site is suitable and that the panels are correctly installed (for which see later). The manufacturer accepts no responsibility for failure due to incorrect or inappropriate installation.

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## PROJECT SITE - INSPECTION

The Wonderwall Studios collection is suitable solely for indoor installation. The project site should be fully enclosed to the elements and all receiving walls should be completely dry. For further details on the project site inspection, please read our document “Project site and receiving wall requirements”.

## THE RECEIVING WALL

Our wall panelling may be applied to a range of receiving surfaces. For the best results we recommend fixing to an even surface. Flat walls are ideal but by no means vital; a small degree of unevenness is acceptable and will not cause problems.

## CONDITION OF RECEIVING WALL - GENERAL

In general, surfaces should be clean and free from any loose material or debris. They should be completely dry and structurally capable of supporting the aggregate panel weight, together with that of any backing strata (where used). For the best result it is recommended to **paint the receiving wall in the color of the selected wall panel type** before mounting.

## CHECKLIST TOOLS AND ACCESSORIES NEEDED

Here is a quick look at the tools you will need for the job.

### All installations

Broom and/or vacuum, spirit level and/or cross laser level, handsaw, table saw and/or crosscut saw, tape measure, pencil, utility knife, extension cord, ladder and personal protective equipment.

### Add for mounting with adhesive

Silicon gun and elastic MS polymer High Tech.

### Add for mounting with tacker

Tacker, brads 1.2 mm thickness and 30-50 mm depending on the wall panelling type being installed.

## LARGE SURFACE AREAS

### EXPANSION JOINTS IN BUILDING STRUCTURE

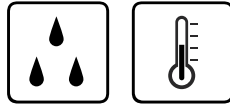
For both mounting using adhesives or using a tacker in projects with large surface areas it is always advised to accommodate the expansion joints in the building structure by allowing the same expansion space in the wall panelling. This space may be filled with a flexible sealant.

### LAYOUT AND EXPANSION SPACE

When the wall panelling area exceeds 10 meters (33') in width and/or 30 meters (100') in length, additional expansion space must be incorporated into the field, as well as at the perimeter and all obstructions.

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## STEP 1 HANDLING AND ACCLIMATIZING YOUR WALL



1 WEEK

Unload and handle panels with care. For best results, we recommend that you store panels in their new environment for a period of one week prior to installing them. Wood is a natural material which reacts to its environment, therefore a degree of shrinkage or expansion may be expected depending on the nature of the panels' new home. Allowing the panels to acclimatize in this way prior to installation means that the wood will have significantly stabilized before it is affixed to the wall. A better finish may therefore be achieved.

Panels should not be delivered to site unless and until the building is completely closed to the elements.

## STEP 2 THE FIRST TILE

For the most efficient coverage, cut a tile directly in half, widthways (with a tablesaw or a cross-cut saw). Taking one of the resultant half tiles, align the newly created straight edge with the left edge of the wall and fix in place.

The other newly created half tile may be used to start subsequent rows as described in step 5.



## STEP 3 MOUNTING USING ADHESIVE

Panels may be mounted to a range of surfaces using the correct fixing medium and in most cases we recommend using a strong elastic MS polymer adhesive High Tech. As a guide, you will require roughly 290 ml adhesive for every 2 sqm of panelling.



## MOUNTING USING TACKER

Where panels are to be installed onto a wooden backing surface, a tacker device may be used as an alternative (or in addition) to a polymer adhesive. For best results when using a tacker, take care to ensure that the appearance of the brads is minimised. When affixing wall panels above eye-level, brads should be 'shot' at a downwards angle. For panels below eye-level, shoot the brads at an upwards angle. Brads at eye-level should be shot into corners of the panel and between the lats.



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## STEP 4 PLACING THE FIRST ROWS OF YOUR WALL

Position the first configuration of panels in two straight columns on the wall, starting the second column with a random half Phoenix panel. We recommend using a spirit level or cross laser to mark a straight line on the wall as a guide before positioning the panels. Place the first panel on the left side of the wall in the manner described in step 2 and follow the spirit line. With this golden rule #2 a **vertical stretcher bond** is created which makes the joints disappear.

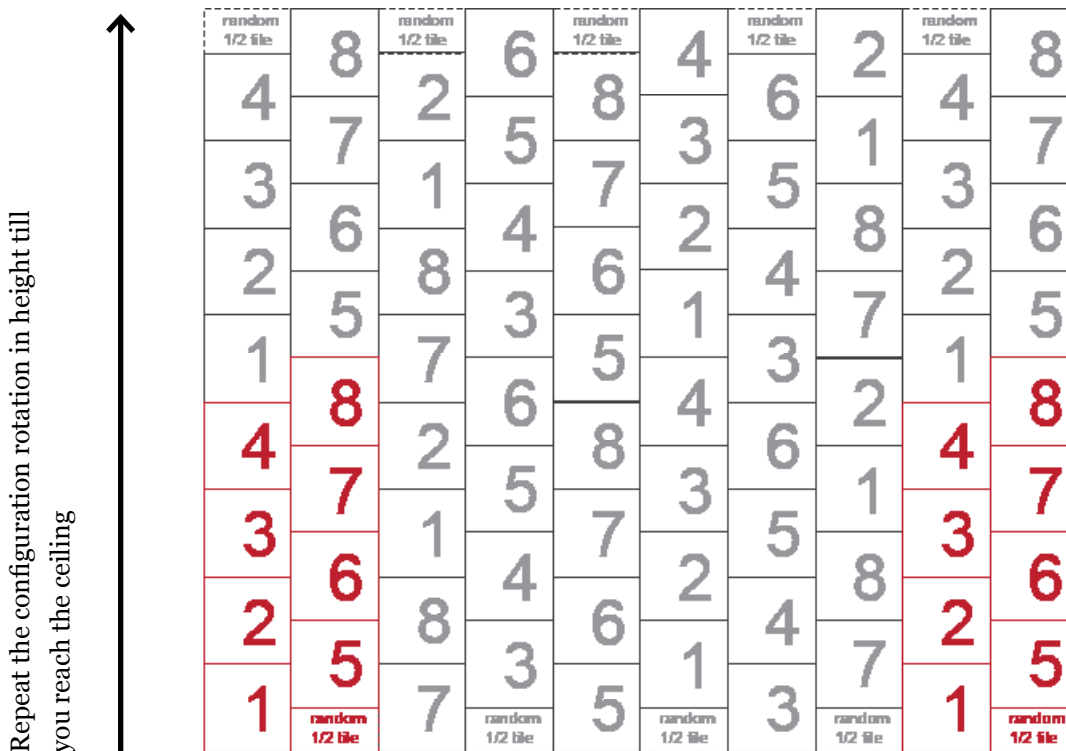
After installation of the first 5 configurations check that straight lines have been maintained, correcting if necessary.



## STEP 5 MOUNTING YOUR WALL

Place the panels in an formation and work first upwardly in a column until you come to reach tile nr 4. Then start the following column with a random half tile and built up the column till Phoenix type 8. Repeat this configuration from the next column on with rotating the Phoenix wall panel type by **two positions** as shown in the image.

Continue with this principle in both width and height installation. We advise leaving a 10 mm expansion space both below and atop of the wall.



Repeat the configuration rotation till you reach the end of the planned application.

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## DISCLAIMER

Our panels are made entirely of authentic, reclaimed hardwoods from a variety of sources. Wood is a natural material that contains distinctive characteristics in grain, colour and texture. Photographs and physical samples should be viewed as illustrative of the collection they represent; in no way should they be regarded as being definitive or of guaranteeing an exact match. Each individual panel is unique.

Please note that no returns are offered for product that has been installed. With this in mind we always advise that you take the opportunity to experiment with different panel arrangements prior to final installation.

Your statutory rights are not affected.

For the latest version of this document please contact Wonderwall Studios.

# WONDERWALLSTUDIOS

Wonderwall Studios designs and produces wood panels for walls and other surfaces. Since our start back in 2010 we have always gone the extra mile.

For our clients of course, but also to find the best and most beautiful reclaimed woods.

We love working with reclaimed woods, so much so that if the wood is not reclaimed, we won't touch it.

This sustainability principle forms not only the foundation of our business; it is its beating heart. We're proud of this but also see it as something that should come naturally to any people working in our line of business.

[WONDERWALLSTUDIOS.COM](http://WONDERWALLSTUDIOS.COM)