

**INSTRUCTIONS FOR GLUING DOWN HY TEK**  
**ENGINEERED WOOD FLOORING**

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*\* This document contains instructions on installation. For satisfactory installation, all instructions on transport, storage, handling, cleaning and maintenance described in the Hy Tek technical catalogue and the User Manual of Hy Tek must be followed.*

*\*\* The most current version of these instructions is available on the Parklex website ([www.parklex.com](http://www.parklex.com)).*

*\*\*\* In addition, follow the instructions of the gluing down adhesive company in terms of application, temperature, humidity conditiotions, slab requirements, cleaning methods. etc and make sure that these are compatible with the Hy Tek recommendations.*

## GLUING DOWN INSTALLATION SYSTEM

### 0. Intro

#### Valid for

- 7.40" wide boards
- 11.40" wide boards

For satisfactory installation, all instructions on transport, storage, handling, cleaning and maintenance described in the Hy Tek technical catalogue and the User Manual of Hy Tek must be followed. Follow also the instructions of the gluing down adhesive company in terms of application, temperature, humidity conditions, slab requirements, cleaning methods. etc and make sure that these are compatible with the Hy Tek recommendations.

For applications over underfloor heating, in humid environments or with multiple width boards, check specific chapters on part 4. Specific applications (p. 14) of the technical catalogue of Hy Tek.

#### Materials

- Hy Tek engineered wood flooring.
- Temporary perimetral wedges
- D3/D4 PVA adhesive - 20gr per board.
- Gluing down adhesive. Parklex recommends Silane Modified Polymer (MS) type adhesive for this application. For quantities, follow gluing down adhesive company instructions.

#### Tools

- Circular saw
- Spirit level
- Hammer
- Crowbar
- Tapper / tapping block
- String-line
- Moisture meter
- Cutter
- Adhesive trowel with proper notching recommended by adhesive company

#### Before installing

Measure the subfloor humidity level to confirm it meets our minimum requirements (2.2. Subfloor conditions, p. 6). Follow also gluing down adhesive instructions for slabs and make sure their guidelines about temperature and humidity are compatible with Hy Tek engineered wood flooring.

The slabs must be clean to ensure a correct installation of Hy Tek.

If laying on top of an existing wood subfloor, the new boards should be installed at 90° to the original, if possible.

It is generally advisable to install the material parallel to the main source of light, in a longitudinal direction.

## **1. Installation**

### **1.- Perimeter**

During the installation process,  $\geq 5/16$ " temporary wedges must be placed at the perimeter, next to walls or other fixed points, to allow for future expansion/contraction.

### **2.- Apply the gluing down adhesive**

Spread the gluing down adhesive on the slab. Follow the recommendations of the gluing down adhesive company, especially in terms of quantity, adhesion method, temperature and humidity conditions, and other recommendations of the material requirements.

### **3.- Installing the boards**

After selecting the direction of the grain, place the first row of boards with the groove facing the wall, ensuring that the line is consistent using a string-line. The following row should be started with the off-cut from the previous row, ensuring that the heads of the two consecutive rows are an absolute minimum of 18" apart, with an optimum offset of 24".

### **4.- Apply adhesive inside the groove**

On this row, apply continuous lines of D3/D4 PVA adhesive just inside the upper edge of the groove to ensure that the

tongue is fully coated when the boards are tapped together. This ensures a water-resistant finish, and maximum strength at the joint. It is essential that any excess surface adhesive visible at the joints is immediately and completely wiped off with a damp cloth, or it will be visible when dry. Adhesive is of no use at the back of the slot, an area designed to attract excess adhesive inside the joint. In order to ensure a perfect insertion, tap against the tongue of the boards. Use a tapper/tapping block to prevent the tongue from deforming.

### **5.- Go ahead with the installation**

Place next rows in the same way.

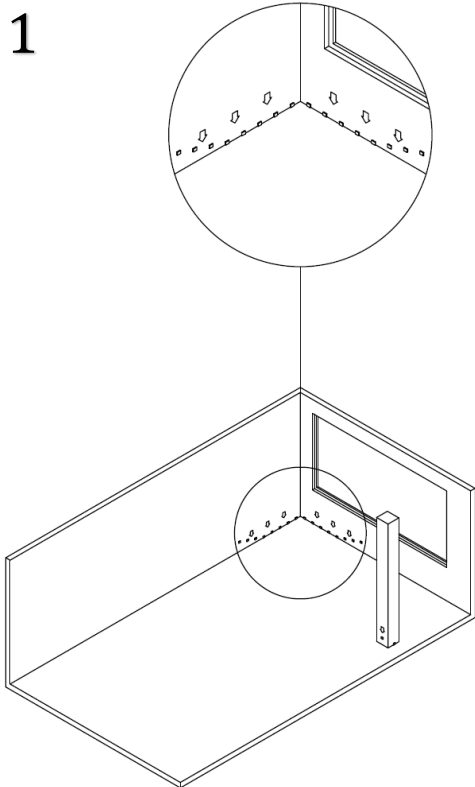
### **6.- Place weight**

Once the Hy Tek engineered wood floor is installed, place weight above until the gluing down adhesive polymerizes.

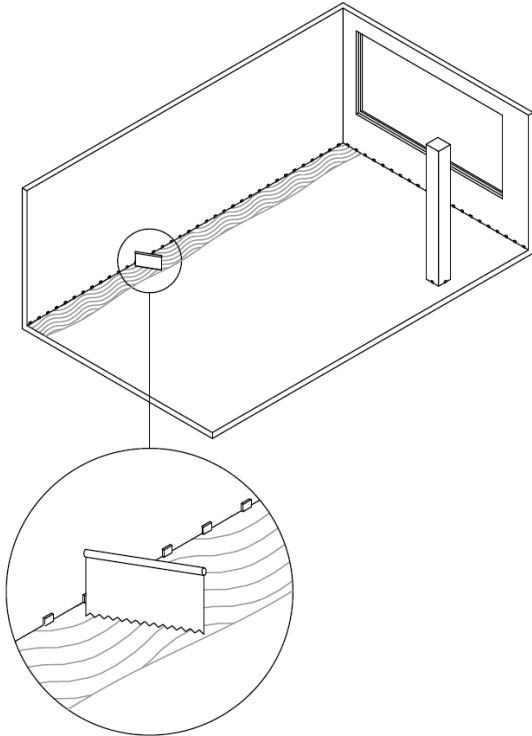
### **7.- Remove the wedges**

Remove the temporary wedges after 24 hours and fit a skirting board with a suitable thickness to cover the perimeter joints.

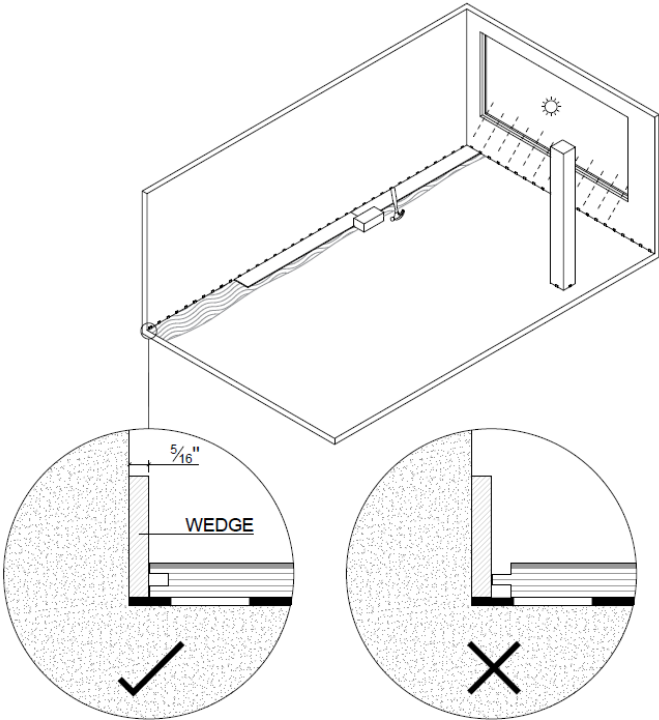
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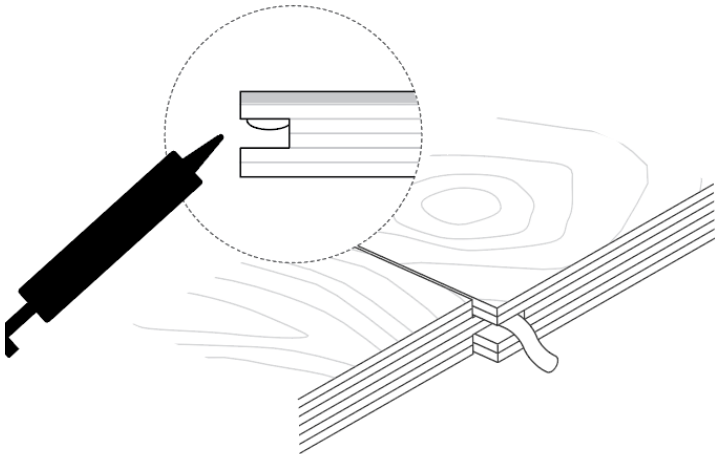
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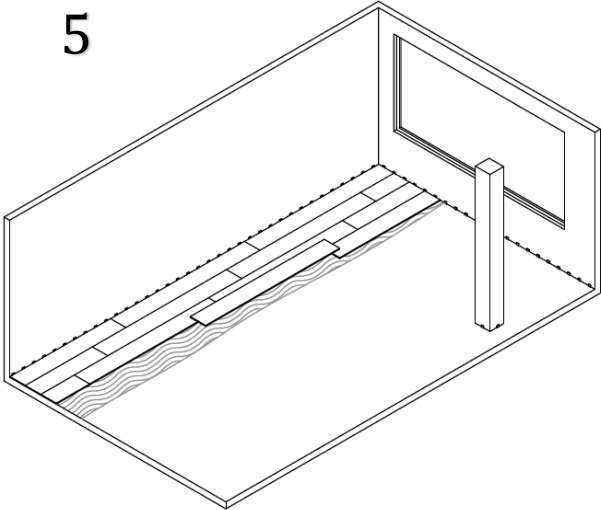
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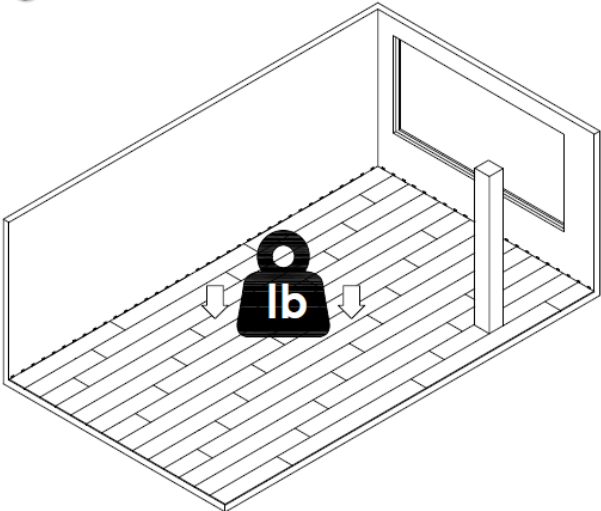
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