

WOOD IN INTERIORS

# LANDABURU BORDA



**Parklex**<sup>®</sup>



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All inhabitable projects, such as the Landaburu Borda Country House, are the result of a dream and straight thinking. The developer and owner, Gorka Ibarгойen, found this centenarian country manor nestled in a forest in the Bera valley in Navarra. The building and the place seemed suitable for a holiday lodging project, for guests to disconnect from everything beyond the surrounding forest's borders and reconnect with nature.

To make his project a reality, Gorka Ibarгойen struck up an alliance with architect Jordi Hidalgo Tané. Between the two of them, they made this concept a reality, giving birth to this country home: creating fruitful dialogue between old and new, ancestral tradition and modernity, craftsmanship and technology, to build a contemporary living space rife with the future.

The original manor, built of stone and designed to last over time, was left intact in tribute to a valuable inheritance, a construction and cultural tradition that dialogues with the new project and enriches it. The new construction, housing the day area, is joined to the old manor by means of a glass tunnel. This new volume is "hidden" under a slope covered in growing vegetation, so it does not invade the natural setting or overbear the original construction. Past and present, joined by an invisible link.

Wood is the raw material that links the house with the environment, the leafy oak forest protecting the house and endowing it with oxygen and life. At Landaburu Borda, Parklex® products took on a star role in different indoor projects, thanks to their material quality, easy installation and resistance to moisture and intensive use. The natural oak selected to finish these products covers vertical and horizontal walls, floors and ceilings, comprises the kitchen furnishings and transforms the shower into a one-of-a-kind experience. It also imbues the interior with stylistic coherence.

Under the carefully selected natural appearance of the oak, the product's different layers conceal a technological process that is the result of research and creativity. It makes the virtues of wood, its natural feel and warmth, compatible with technical requirements for proper installation.

Landaburu Borda is a good example of when the industry allies itself with design and architecture, reaching their shared main objective: improving the lives of people through efficiency and creativity.













The Parklex® Hy Tek floor surface used in the old and the new building was developed to prevent possible marks that could be left by blows or sharp or pointy objects. It is easy-to-clean and maintenance-free. The Hy Tek floor obtained the best fire-reaction classification possible for organic materials B-fl s1 (according to standard EN 13501-1) and is resistant to cigarette burns.







































Technical section:  
Installation systems and application processes

The technical qualities and versatility of Hy Tek, Dry Internal and Wet Internal products in the Parklex® line of coverings for interiors meant that it was possible to apply natural wood to horizontal and vertical surfaces and furniture at Landaburu Borda. This provided an efficient solution for each space and specific installation and usage needs.

Hy Tek was used in the living room, kitchen, bedrooms, WCs and stairs, a natural wood floor especially designed for rooms with heavy, frequent traffic. The finish is Country Oak. The kitchen furniture and the drawers under the dining room sill are custom manufactured with Dry Internal, as well as the wall separating the bedrooms from the bathrooms. These are natural wooden panels that require no maintenance. Their finish is the same as used on the floors. In the shower stalls (walls and bases), they chose Wet Internal panels, which are resistant to direct contact with water.

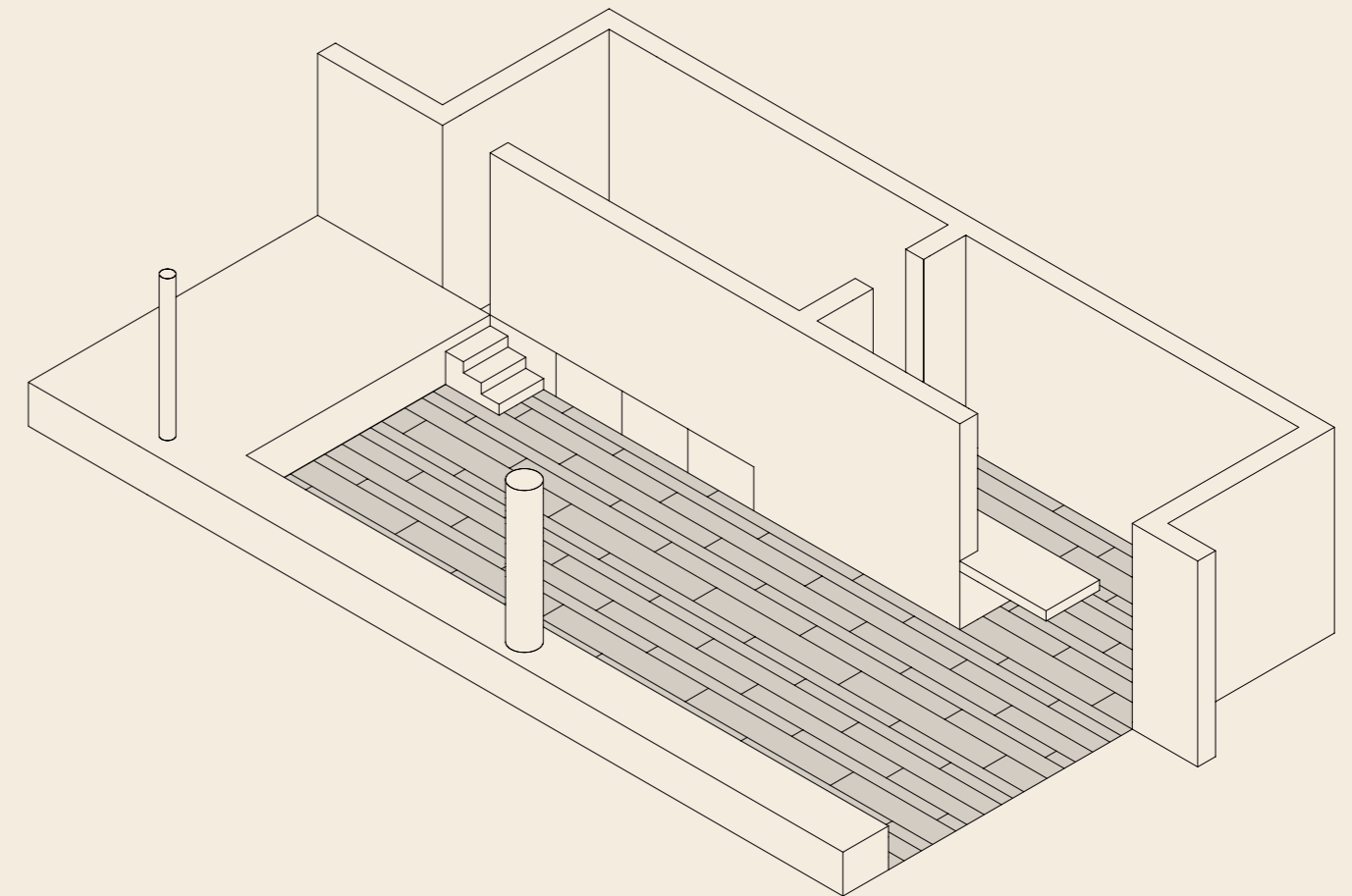
Using the entire Parklex® line of interior products with the same Country Oak finish endowed the rooms at Landaburu Borda with a serene, warm atmosphere, providing for spaces with high stylistic coherence.



1. Living room and kitchen:  
Floor installation and application to  
furniture fronts

Hy Tek was used in the living room and kitchen, an AC6 natural wood floor especially designed for rooms with heavy, frequent traffic. The finish is Country Oak.

The kitchen furniture and drawers under the dining room sill are custom manufactured with Dry Internal, natural wood panels that are maintenance-free. The finish is the same as used on the floors.



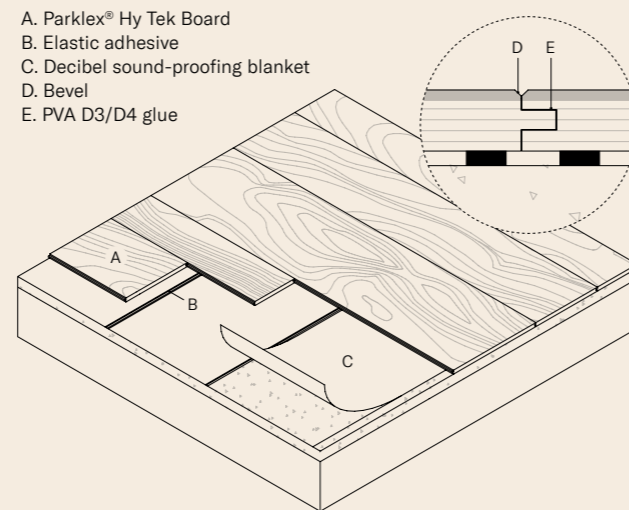


## 1. Living room and kitchen: Floor installation and application to furniture fronts

### 1.1. Application of Hy Tek wood to floor with several widths

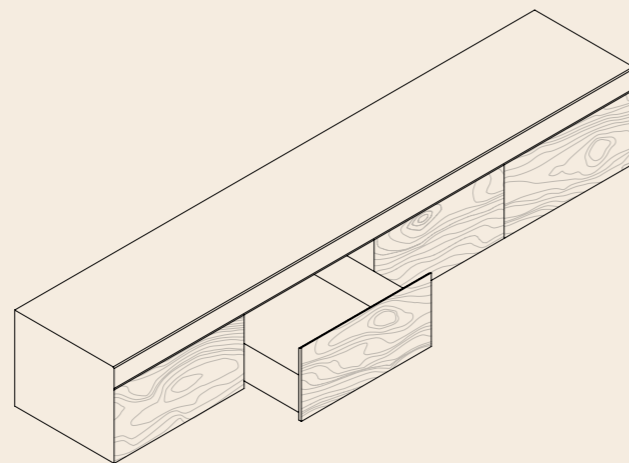
In the living room and the kitchen, the Hy Tek wooden floor, 14 mm thick and with a bevelled edge, is installed as glued floor, with different board widths (188 and 290 mm). The boards rest on pieces of sound-proofing blankets laid out in parallel. Between them, elastic adhesive lines were applied to secure said boards to the ground. They are joined together by a tongue-and-groove machining, to which a line of PVA D3/D4 glue is applied to hold them together.

\*For more information about this system,  
Parklex's® Hy Tek Technical Guide.



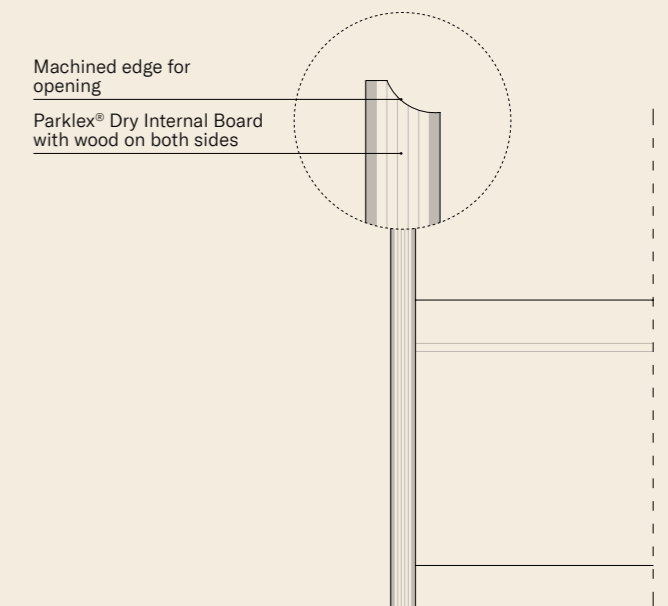
### 1.2. Application of Dry Internal to fronts of furniture

The entire kitchen is customised, applying the Dry Internal wooden covering with wood veneer on both sides of the board on cabinet doors and drawer fronts. Dry Internal was applied to the doors of household appliances, with wood on just one side of the panel.



### 1.3. Dry Internal machining on the fronts of drawers and cabinet doors

To facilitate opening household appliances and drawers, the material has been machined on upper and lower doors, while a screw was used to add handles to large cabinets. Since Dry Internal panels are supplied at 7 different thicknesses, it is easy to level all doors in a set of cabinets that include household appliance components to keep them totally flush.

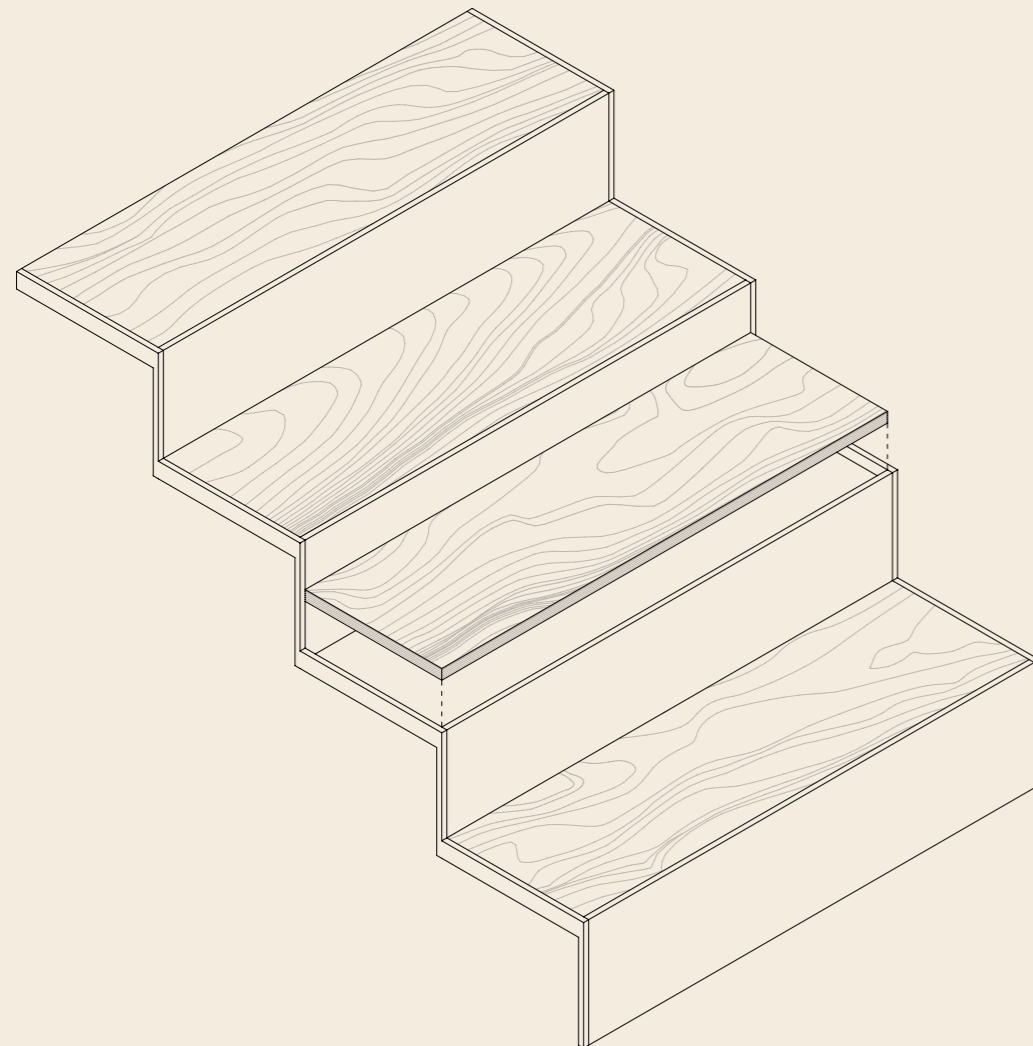
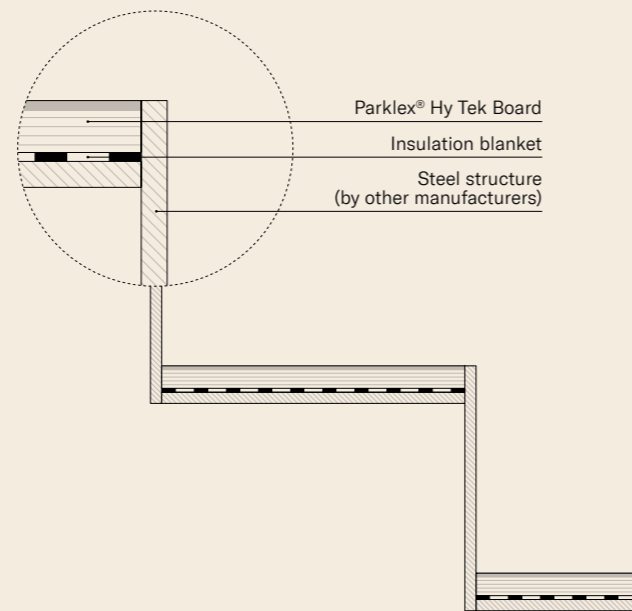




## 2. Stairs: Installation of custom-cut Hy Tek steps

The section of stairs connecting the bottom floor of the house with the bedrooms on the two upper floors was made with a steel structure. The steps rest on it, as a simple support\*, made with Hy Tek Country Oak-finish boards, custom-cut.

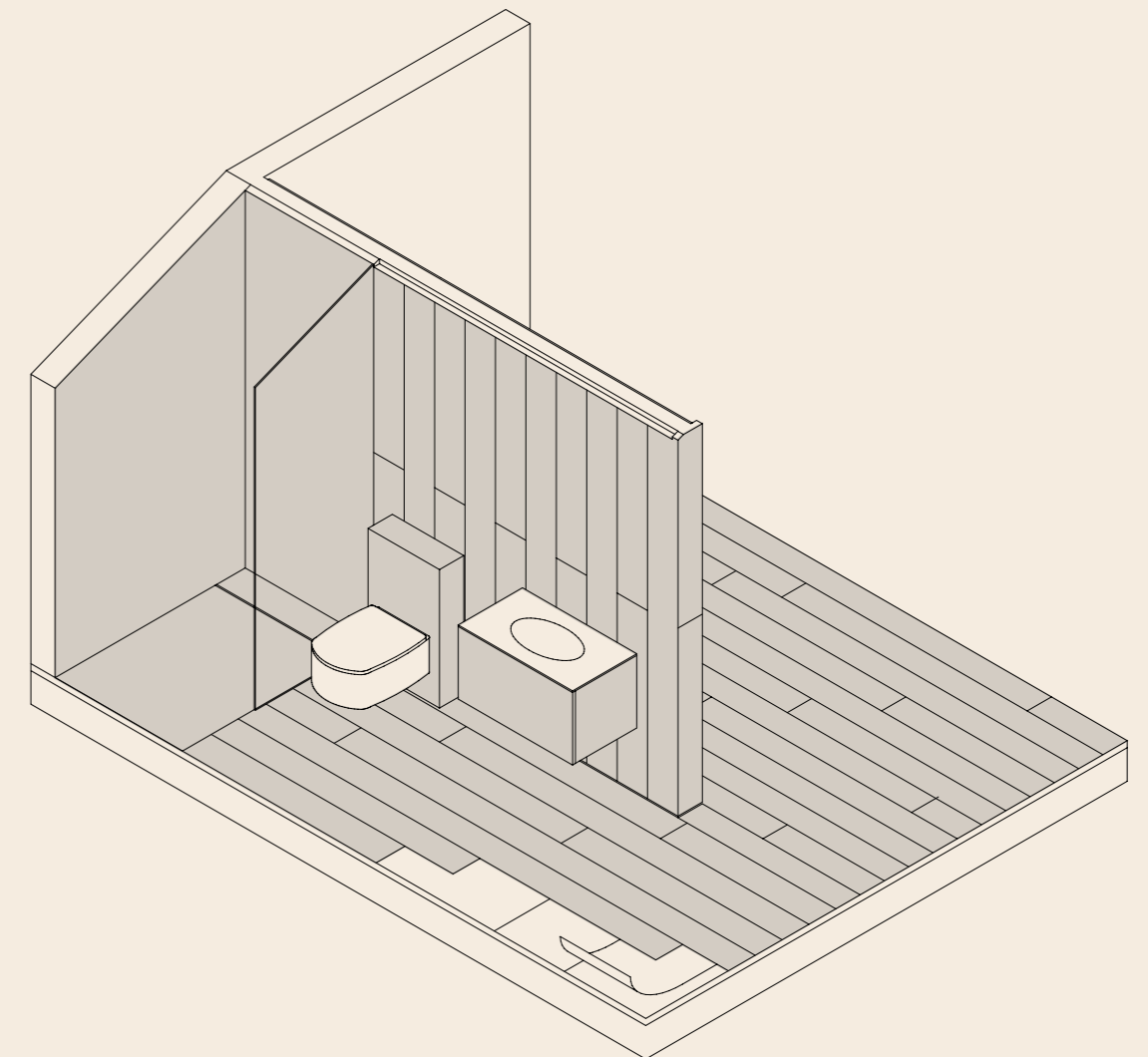
\*See all stair installation options in Parklex's® Hy Tek Technical Guide.



## 3. Bedrooms and WCs: Installation on floors, walls, shower stall and furniture

In corridors, bedrooms and WCs, Hy Tek's floors have several board widths that can be extended, creating continuity in the two upper floors.

The bedroom walls are covered by Dry Internal panels with a lock-and-groove system. In the WC, furniture was custom-made with standard Dry Internal panels, and the shower stall was entirely covered with Wet Internal.





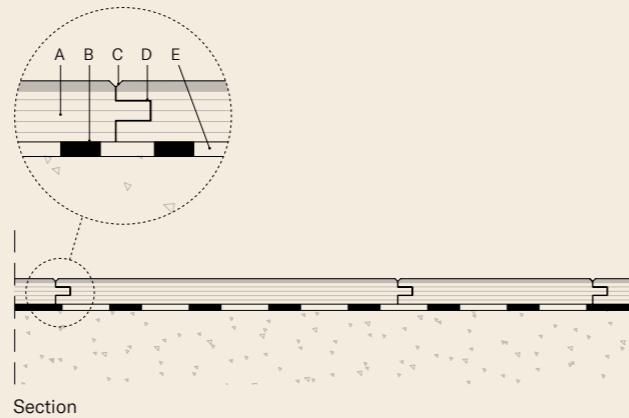
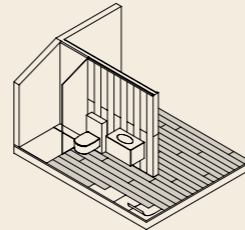
### 3. Bedrooms and WCs: Installation on floors, walls, shower stall and furniture

#### 3.1. Application of Hy Tek wood to floor with several widths

In bedrooms and WCs, the Hy Tek wooden floor, 14 mm thick and with a bevelled edge, is installed as glued floor, with different board widths (188 and 290 mm). For installation of Hy Tek boards in damp environments, the perimeter joints should be sealed\* on walls with a leak-proof sealant (silicone or similar) that can withstand the material's dimensional variations and prevent liquid from coming in through the joints.

\*For more information on how to install Hy Tek in damp settings, see the Parklex® Hy Tek Technical Guide.

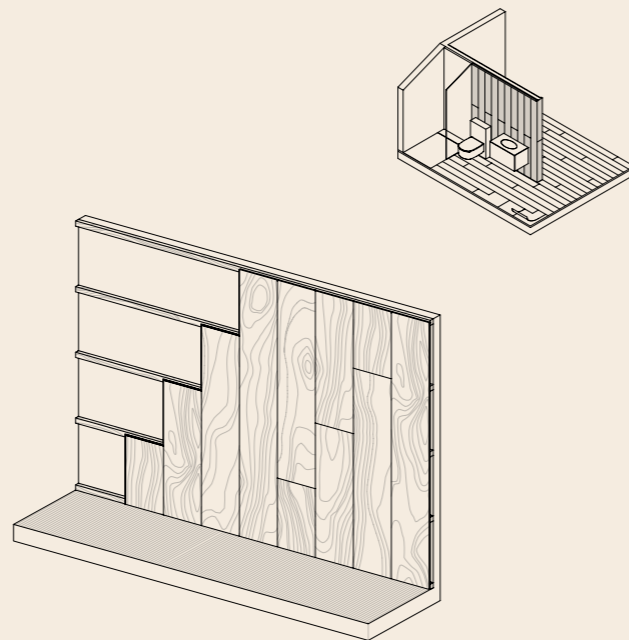
- A. Parklex® Hy Tek Board
- B. Elastic adhesive
- C. Bevel
- D. PVA D3/D4 glue
- E. Decibel sound-proofing blanket



#### 3.2. Installation of Dry Internal panels with the lock-and-groove system

The wall separating the room from the WC is covered by Dry Internal boards, especially machined to be installed with the lock-and-groove system. Since there is no bevelling, the wood's grain is camouflaged board-to-board, providing a never-ending appearance to the wall.

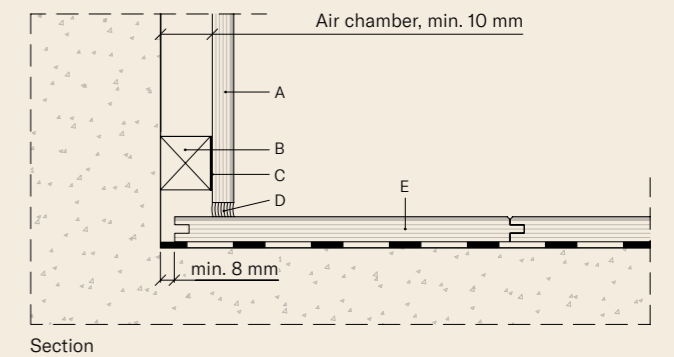
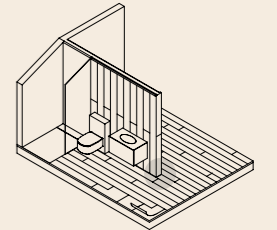
\*For more information on this system, please see Parklex's® Technical Guide for Walls and Ceilings.



#### 3.3. Covering the wall from the floor

All deliveries of the floor with the wall dividing the room are such that expansion and contraction of the wood is permitted, both for floors (Hy Tek) and for walls (Dry Internal), all without compromising the material's appearance.

- A. Parklex® Dry Internal Board
- B. Wooden lath
- C. Elastic adhesive
- D. 6 mm sealant
- E. Parklex® Hy Tek Board

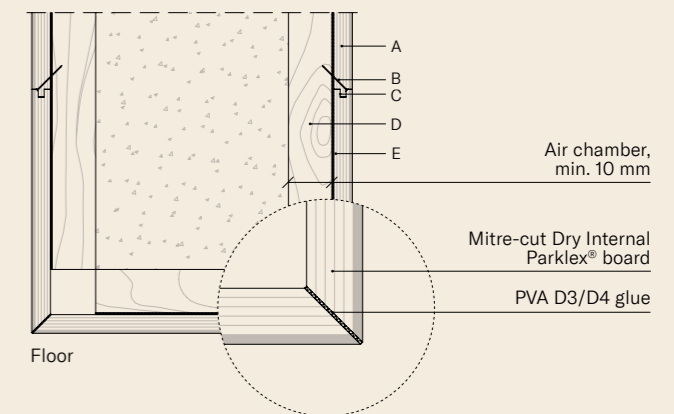
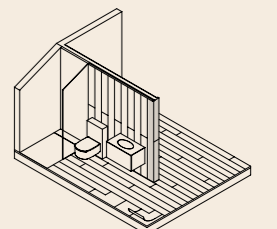


#### 3.4. Dry Internal corner finish with mitre system

The material's continuity on the divider wall is thanks to Dry Internal finish at the corners with a mitre system, concealing the panel's stratification and only revealing the upper wood's veneer.

\*See other Dry Internal mitre corner finish systems in Parklex's® Technical Guide for Walls and Ceilings.

- A. Parklex® Dry Internal Board
- B. Securing point
- C. PVA D3/D4 glue
- D. Wooden lath
- E. Elastic adhesive



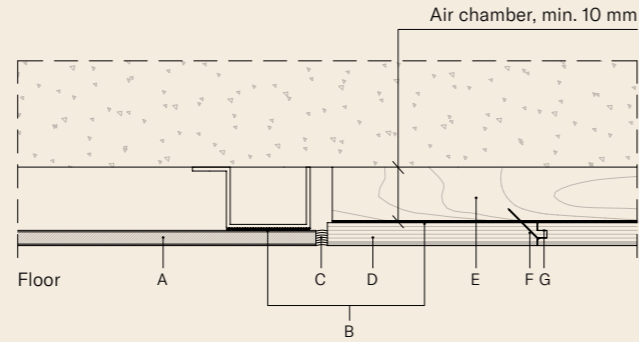
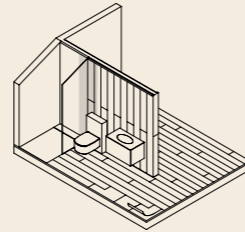


3. Bedrooms and WCs:  
Installation on floors, walls,  
shower stall and furniture

3.5. Changing material from wall to shower

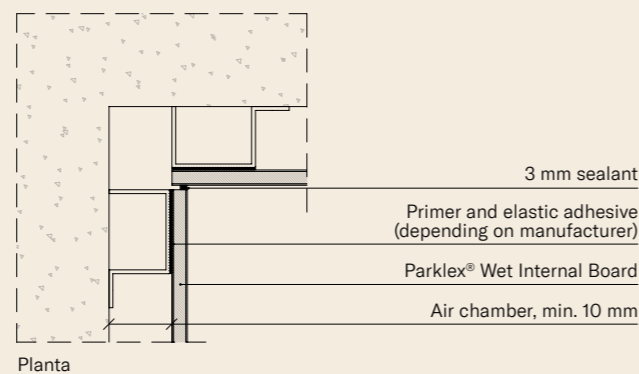
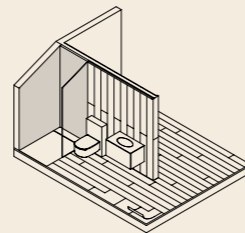
A glass curtain separates the WC space from the shower. The shower stall's material is continuous with Country Oak, although here the material used is the Wet Internal board, the Parklex® covering for areas frequently in contact with water. Wet Internal, which has the same finishes as Dry Internal boards, is built on an HPL core that makes it watertight.

- A. Parklex® Wet Internal Board
- B. Elastic adhesive
- C. 8 mm sealant
- D. Parklex® Dry Internal Board
- E. Lath
- F. Securing point
- G. PVA D3/D4 glue



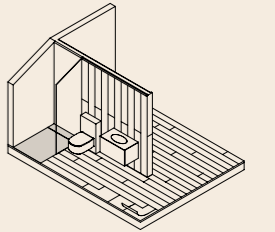
3.6. Wet Internal corner finish inside the shower stall

The shower stall's lower corner was resolved with a superimposed edge system, applying a sealant from above to below the panel to prevent water entry.

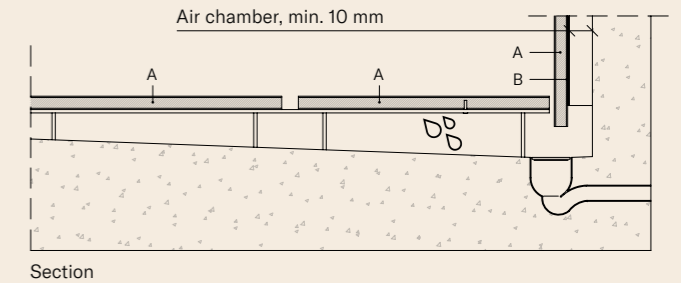


3.7. Installing Wet Internal as a shower base

The entire shower stall is made with bespoke-cut Wet Internal panels (walls and base). Installing the panels on laths provides for good water draining and air circulation. These two qualities guarantee long material life and hygiene.

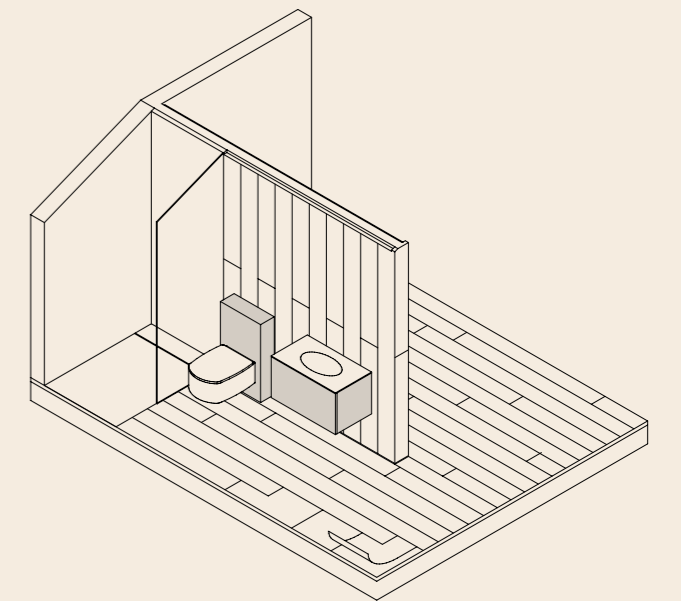


- A. Parklex® Wet Internal Board
- B. Elastic adhesive



3.8. Application of Dry Internal to furniture

To create the furniture in the house's four WCs, standard custom-cut Dry Internal panels were used.





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