

**VAHLE** 



# ARCHITECTURAL DOORS



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## ABOUT VAHLE

Inspirational architects and private designers utilise the great variety of Vahle doors to assure enduring satisfaction with the design, functionality and appearance of their selected products.

### **A Product of True Craftsmanship**

Vahle tirelessly creates new designs without compromising the craftsmanship that has always been a feature of a Vahle door. Skilled craftsmen and innovative designers work together to create doors that will preserve traditional appearance or, indeed, make history themselves.

### **A Quality Door Provides Quality of Life**

Vahle takes professional pride in offering quality doors - an element in creating daily well-being. Because choosing a quality door is a conscious act in choosing quality of life.

## TWO CONCEPTS

This brochure presents two design concepts: Façade and Heritage.

### **Façade**

The Façade design represents the modern door. The door is tailored to match the surrounding materials. There are five principles detailed within that illustrate how this door can be integrated into your overall design requirements.

### **Heritage**

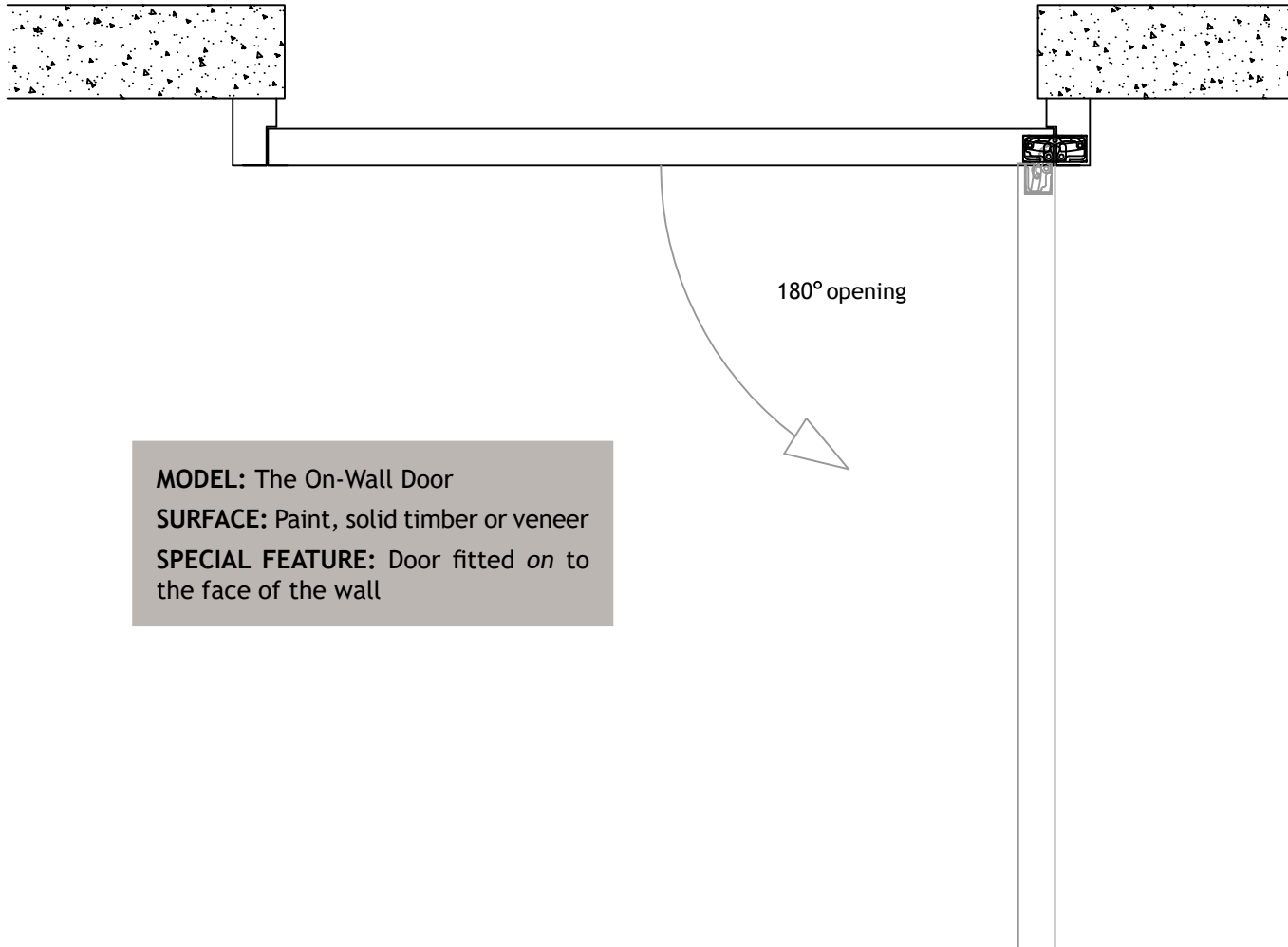
The Heritage design represents the traditional door. Even if fire, acoustic or security certifications are required, the door can be produced to match the original as accurately as possible.





## CONCEPT I: FAÇADE

### PRINCIPLE I: THE ON-WALL DOOR



**MODEL:** The On-Wall Door

**SURFACE:** Paint, solid timber or veneer

**SPECIAL FEATURE:** Door fitted *on* to the face of the wall

## MEJLBORG BASEMENT

Dinesen

Aarhus, Denmark

For Mejlborg Basement, created by Dinesen and located beneath their showroom, a Dinesen FRAMED by Vahle door is fitted on the wall. The wooden door completely matches the flooring of the meeting room.

### Concealed Hinges

The door is fitted *on* to the wall as the aperture is too narrow for a traditional fixing *into* the aperture. This makes for a nice congruence between the wall and the door. Concealed hinges add to the simplicity of the design.

### Solid Timber

The door consists of two solid wooden planks made from Dinesen Douglas creating a minimalistic appearance. The door is designed by Lars Vejen as part of the series Nordic Design by Vahle.

### Technical Specification

Flush door: Fitted to the wall, concealed hinges

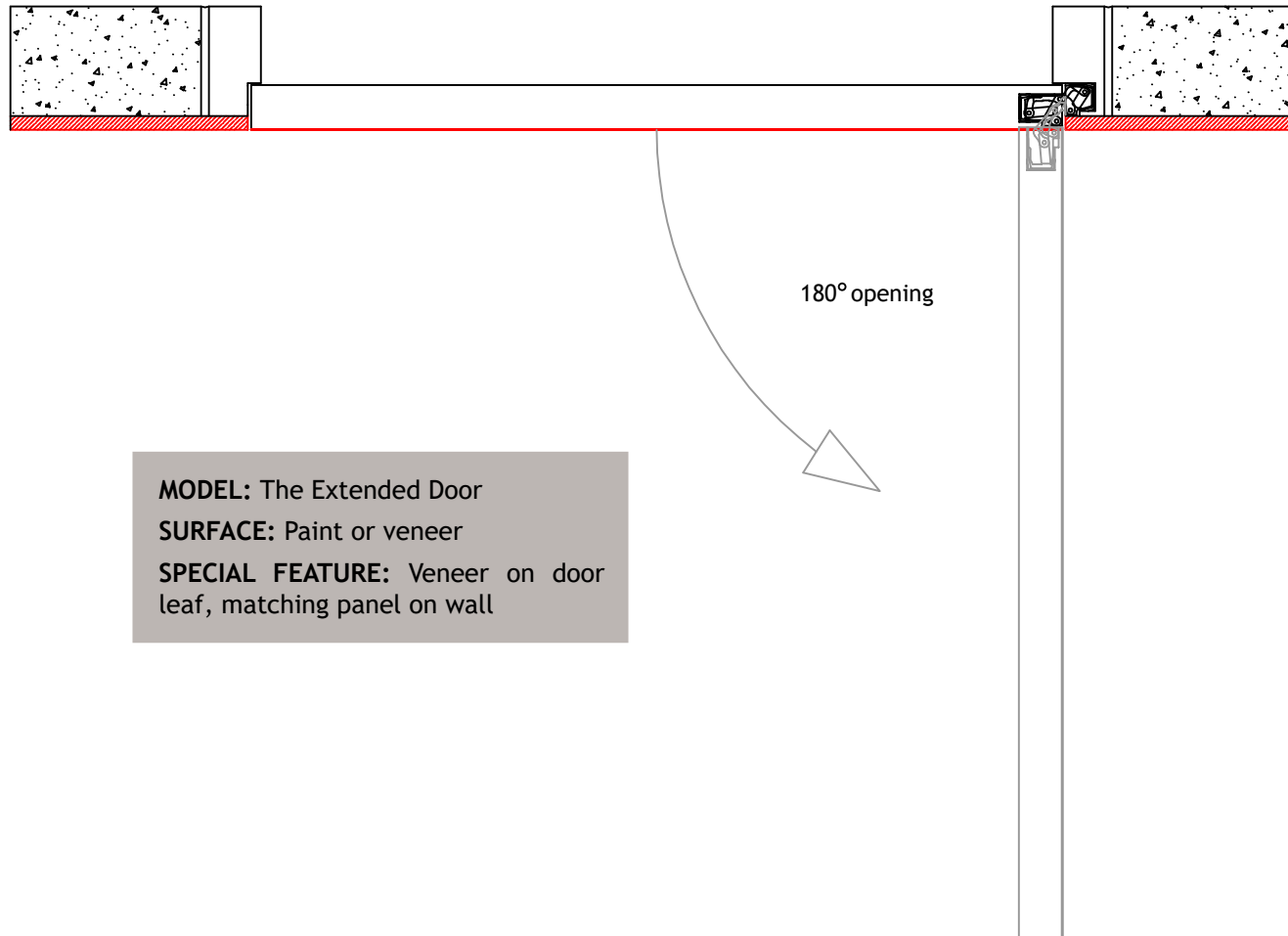






CONCEPT I: FAÇADE

PRINCIPLE II: THE EXTENDED DOOR



**MODEL:** The Extended Door  
**SURFACE:** Paint or veneer  
**SPECIAL FEATURE:** Veneer on door leaf, matching panel on wall

**SUMMER HOUSE**  
**Private Residence**  
**Mols, Denmark**

In this project the door merges with the wall cladding and becomes part of the décor.

**Concealed Hinges**

The concealed hinges create a minimalist design in line with the interior style of the house.

**Large Veneered Surface**

Veneered timber covers both the door and wall. To make the veneer on the door and wall fit together, the door uses exactly the same piece of veneer as that on the wall.

**Technical Specification**

Single and double door: Flush, integrated into the wall, concealed hinges, without threshold with concealed seal



Vahle - Architectural Doors



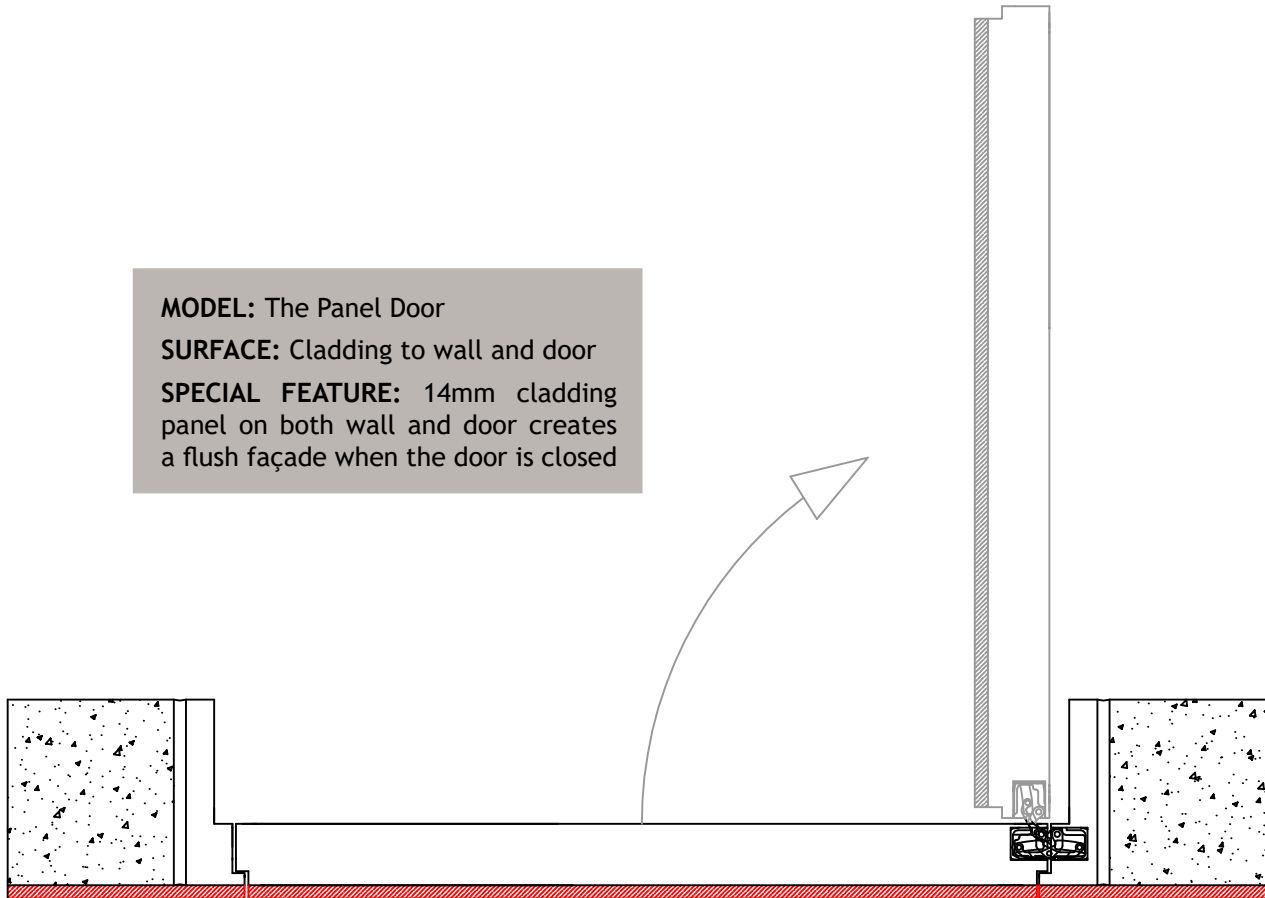
## CONCEPT I: FAÇADE

### PRINCIPLE III: THE PANEL DOOR

**MODEL:** The Panel Door

**SURFACE:** Cladding to wall and door

**SPECIAL FEATURE:** 14mm cladding panel on both wall and door creates a flush façade when the door is closed



## DOKK1

Library and Citizen's Services

Aarhus, Denmark

Schmidt Hammer Lassen Architects

For this spectacular, architect designed, building Vahle manufactured modern doors for the great hall of the library.

### Wall and Door Merge

The matching cladding on the wall and the door makes the design fully integrated. The hall doors are fire-rated and the cladding provides an acoustic element.

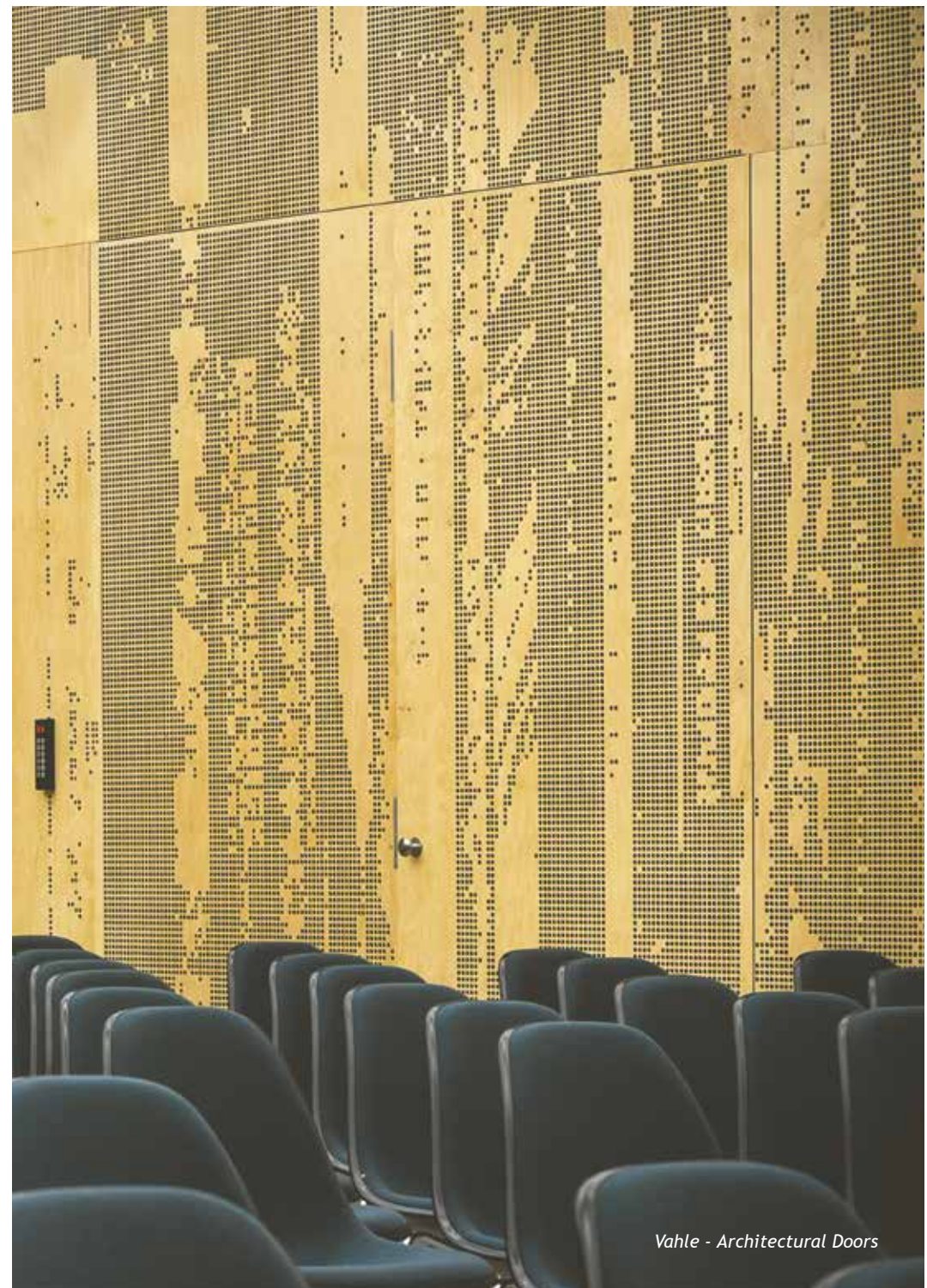
### Concealed Hinges

The doors have concealed hinges to minimize the transition between door and wall.

### Technical Specification

Single and double doors: EI30 half-hour fire, 35dB acoustic performance

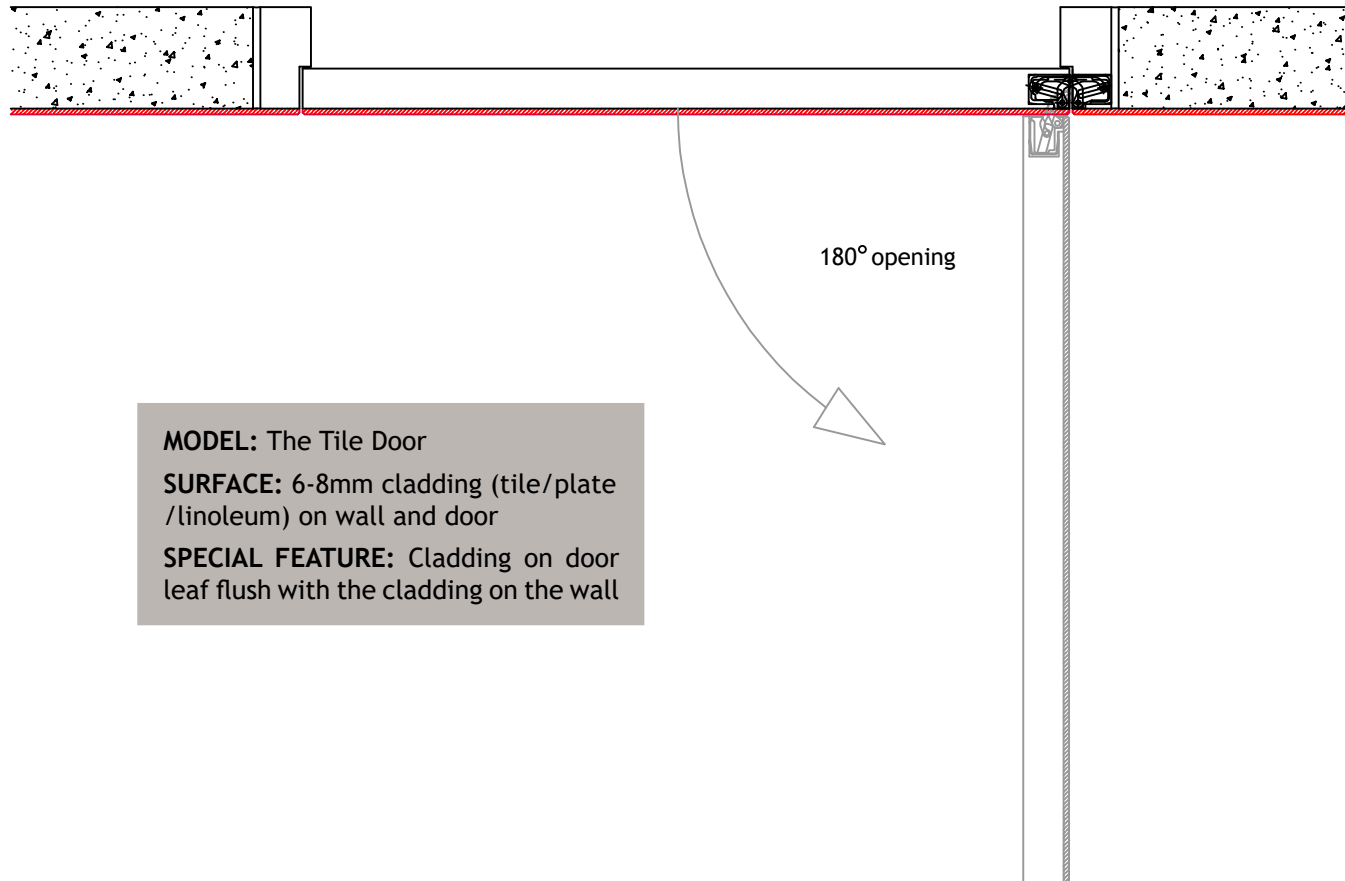






CONCEPT I: FAÇADE

PRINCIPLE IV: THE TILE DOOR

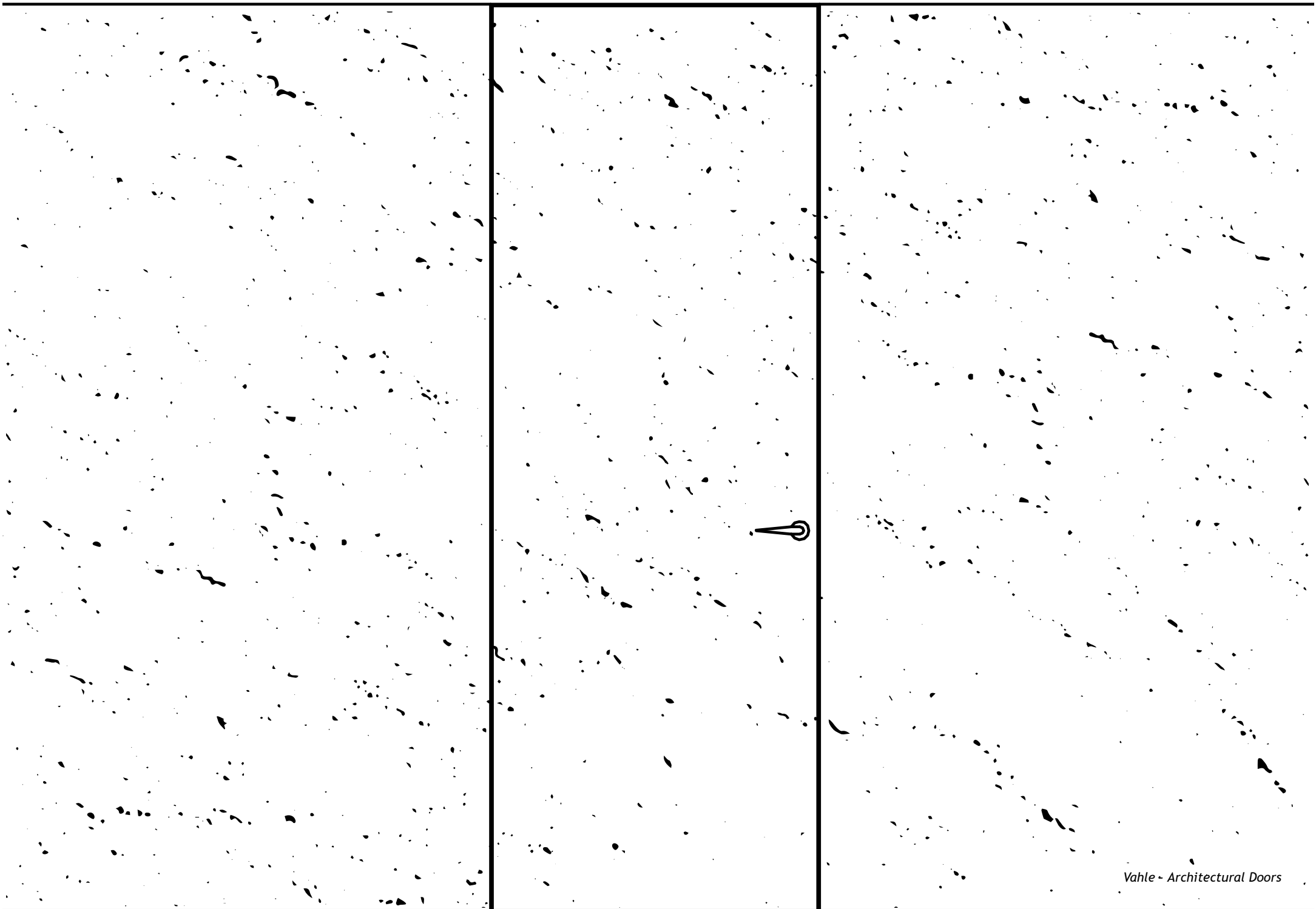


**MODEL:** The Tile Door

**SURFACE:** 6-8mm cladding (tile/plate /linoleum) on wall and door

**SPECIAL FEATURE:** Cladding on door leaf flush with the cladding on the wall







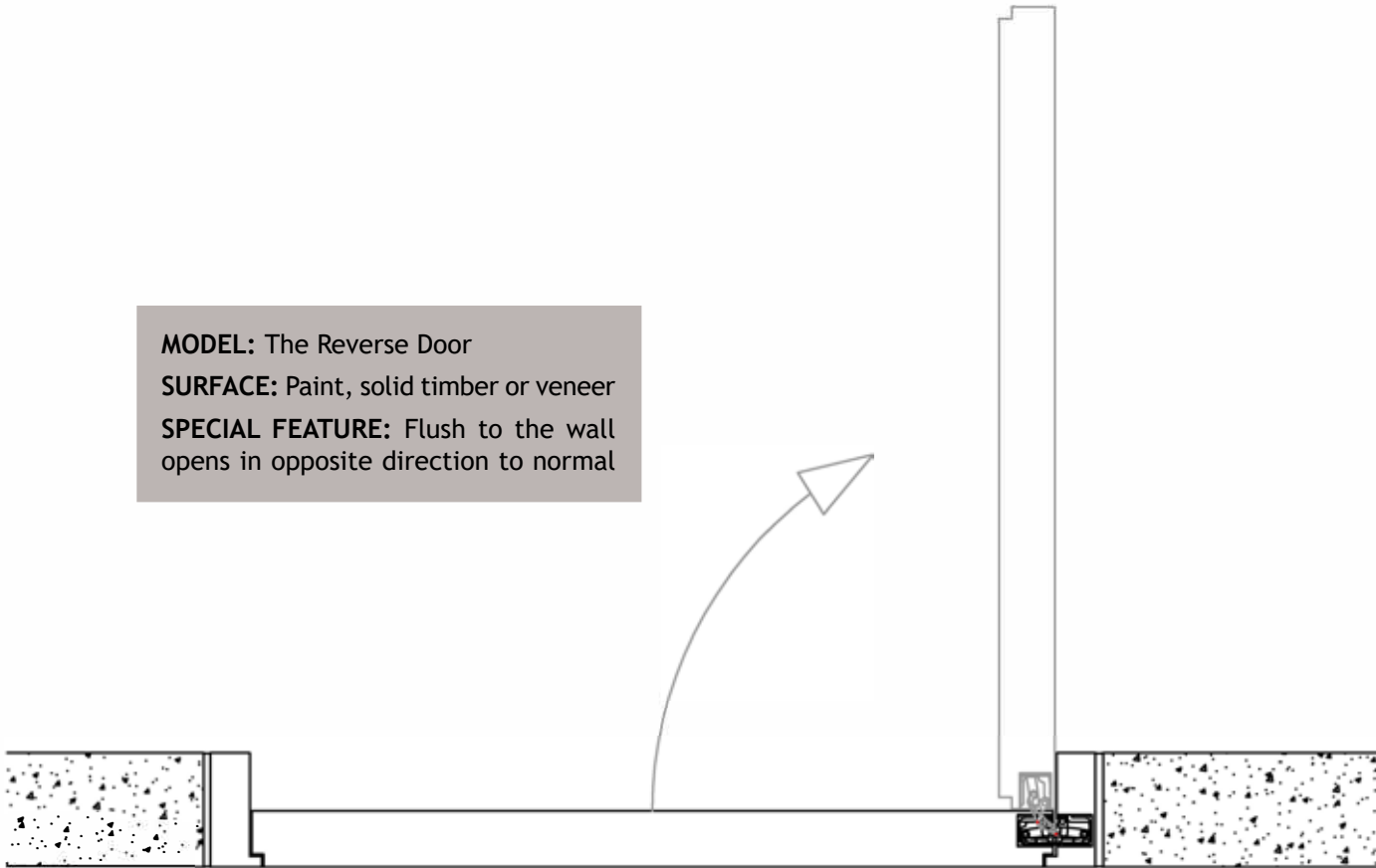
CONCEPT I: FAÇADE

PRINCIPLE V: THE REVERSE DOOR

**MODEL:** The Reverse Door

**SURFACE:** Paint, solid timber or veneer

**SPECIAL FEATURE:** Flush to the wall  
opens in opposite direction to normal



## DOUGLAS FIR DOOR

Private Residence  
Denmark

The home owner wanted floor, wall and doors to match completely. Vahle developed a large uniform surface made from Douglas Fir, in which the interior doors merge with the floor and the wall creating a unique spatial experience.

### Opening Inwards

Vahle doors only have 2mm space between the door leaf and the frame. These doors were to open inwards, away from living rooms facing adjacent rooms. This is a complex way to make a door as the rebate in the frame must be on the other side than usual to allow the door to open inwards.

### Special Keep

The inner frame has a special design with a keep over the entire frame to avoid wear on the door when opening and closing. Vahle designed a strike plate in burnished brass to protect the wooden surface.

### Technical Specification

Panel doors · French doors







## CONCEPT II: HERITAGE

### EVERYTHING IS ADJUSTABLE

A Vahle door can be bespoke made to match a heritage design and the architectural period involved. Often a very specific design is required to preserve the historical look but with modern functionality.

#### New Door - Same Look

At Vahle it is possible to create an exact replica with extended functions including fire, security and acoustic certifications. The door is different, but the appearance is the same.

#### Replicas for Restoration Projects

Vahle has contributed to many castle restorations in which for example original doors have been lost or damaged or new certification requirements prevent the use of the original doors.

## AMALIENBORG

The Royal Palace  
Copenhagen, Denmark  
Arkitema Architects

Amalienborg was renovated with replicas of the original, folding double doors. To enable Vahle to accurately copy the appearance, The Danish Agency for Culture and Palaces supplied an original door leaf.

#### New Fire-rated Doors

The interior doors have recessed hinges and are fire-rated for extra security in the renovated section of the palace. The doors were delivered unfinished to allow for on-site painting and gilding.

#### Technical Specification

Panel doors: Double doors, EI60 one-hour fire, custom made profile

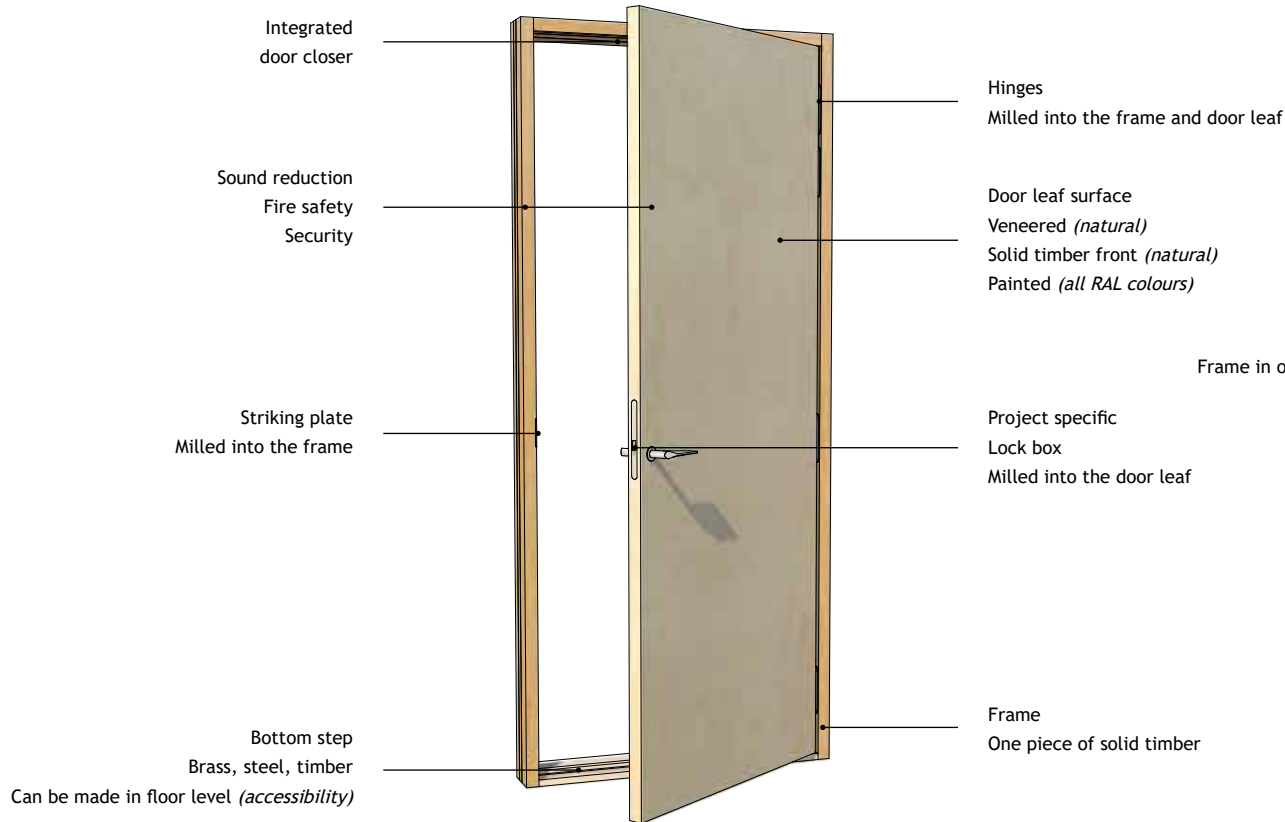






## TECHNICAL FEATURES

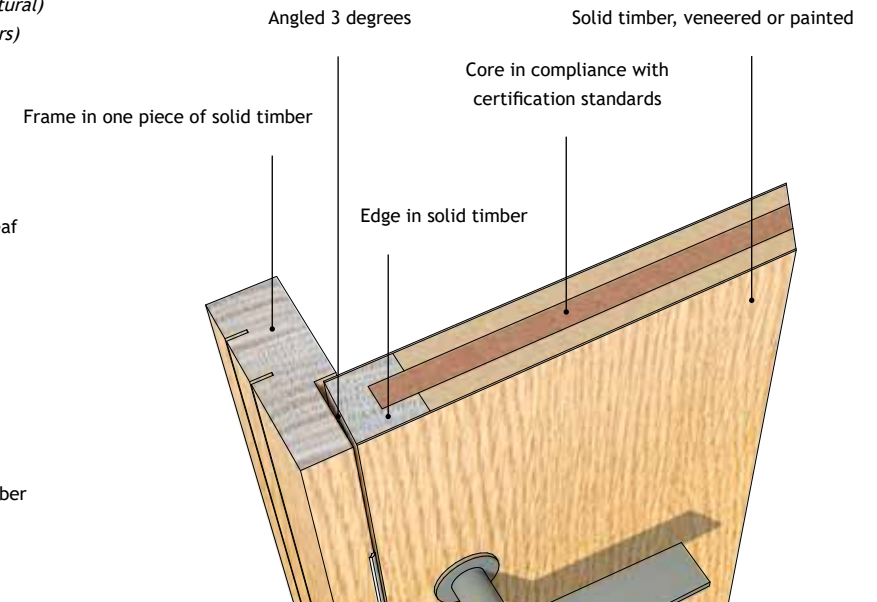
### CONCEPT I: FAÇADE



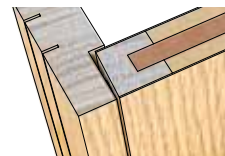
## SAINT MORTEN'S CHURCH Randers, Denmark VMB Arkitekter

### Technical Specification

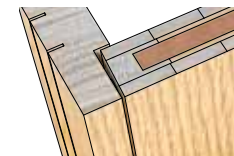
Flush door: EI30 half-hour fire, 35dB acoustic performance in door and side panels made from glass, concealed door closer, without threshold with drop seal



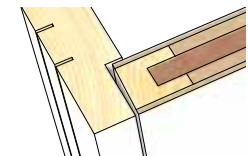
### DOOR LEAF



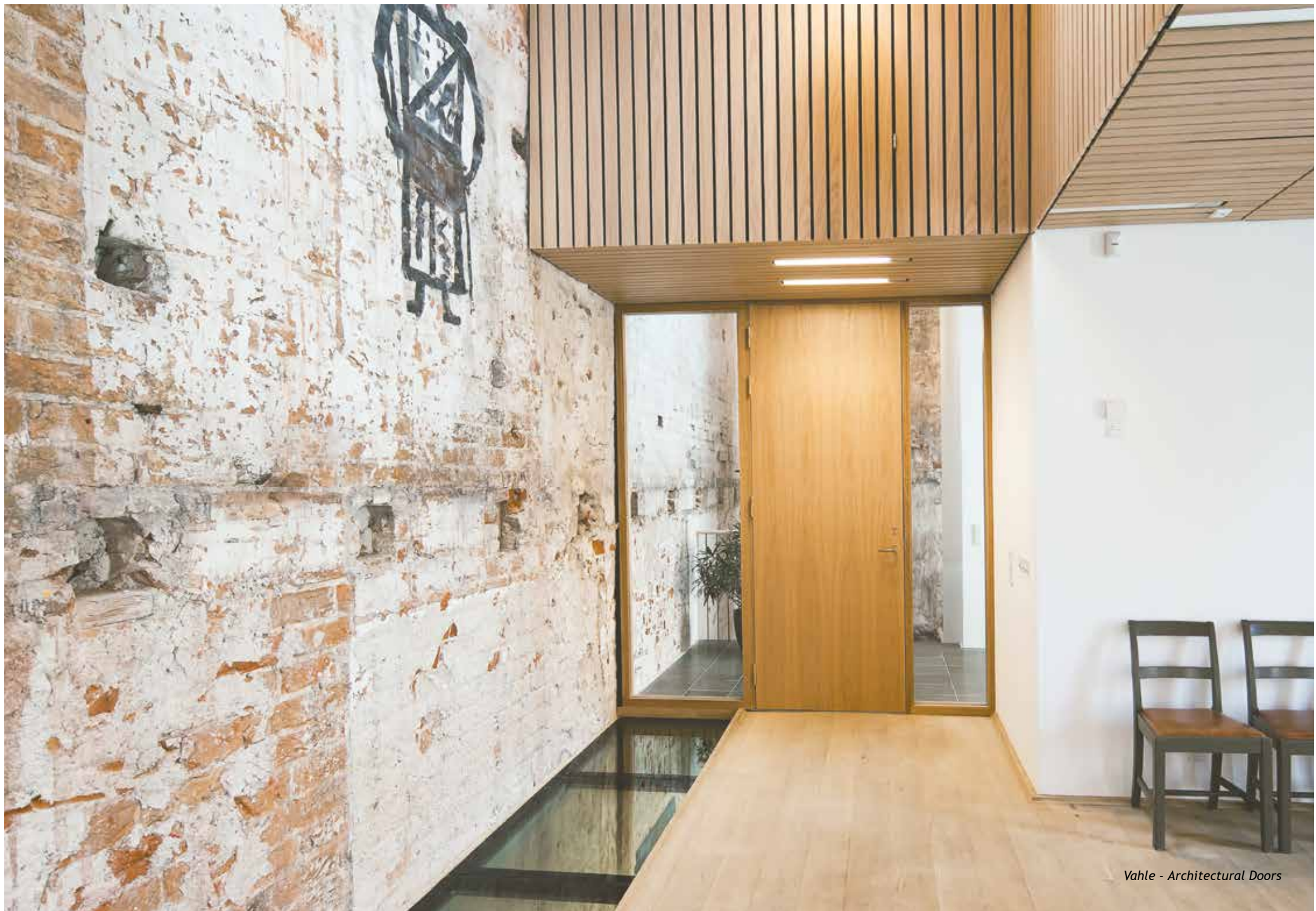
Veneered



Solid timber front



Painted





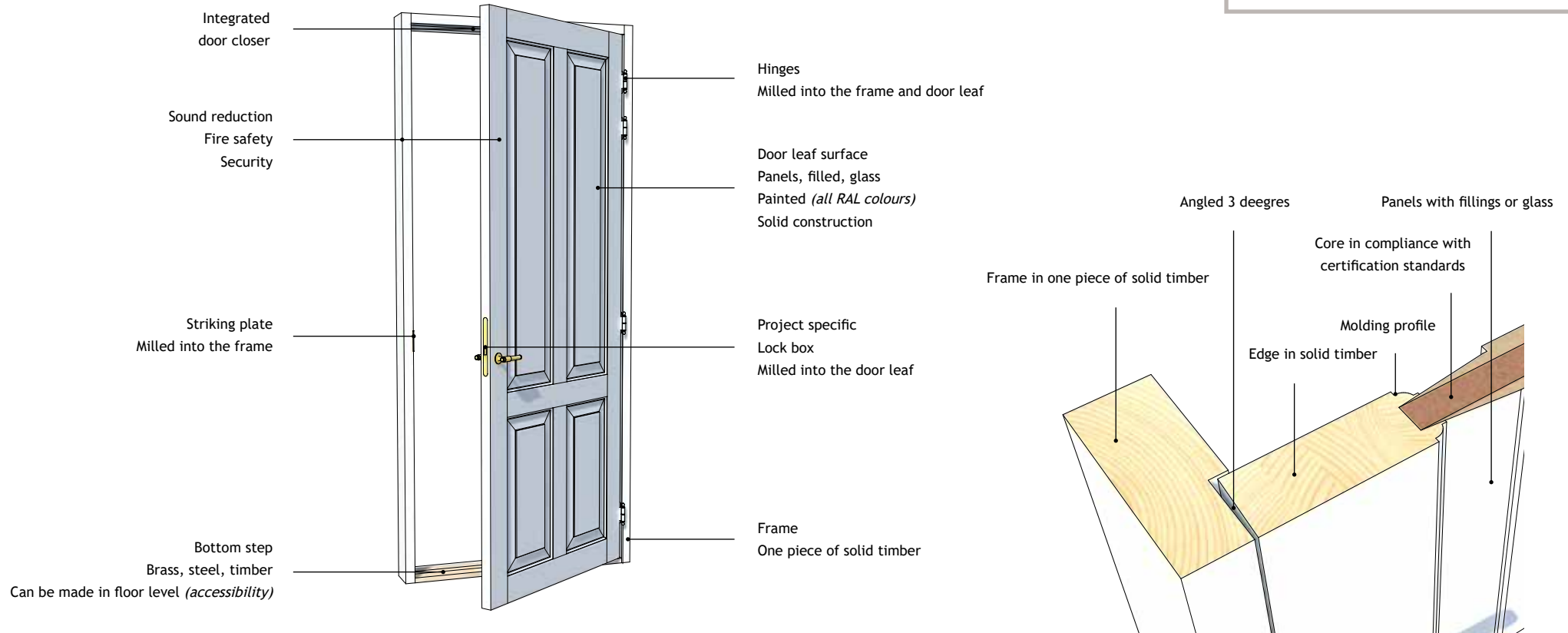
## TECHNICAL FEATURES

### CONCEPT II: HERITAGE

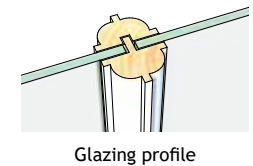
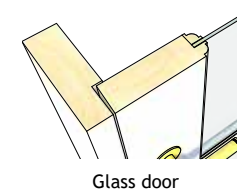
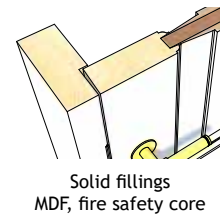
**STRANDHOTELLET BLOKHUS**  
Blokhus, Denmark  
Brix Nordberg Arkitektur

#### Technical Specification

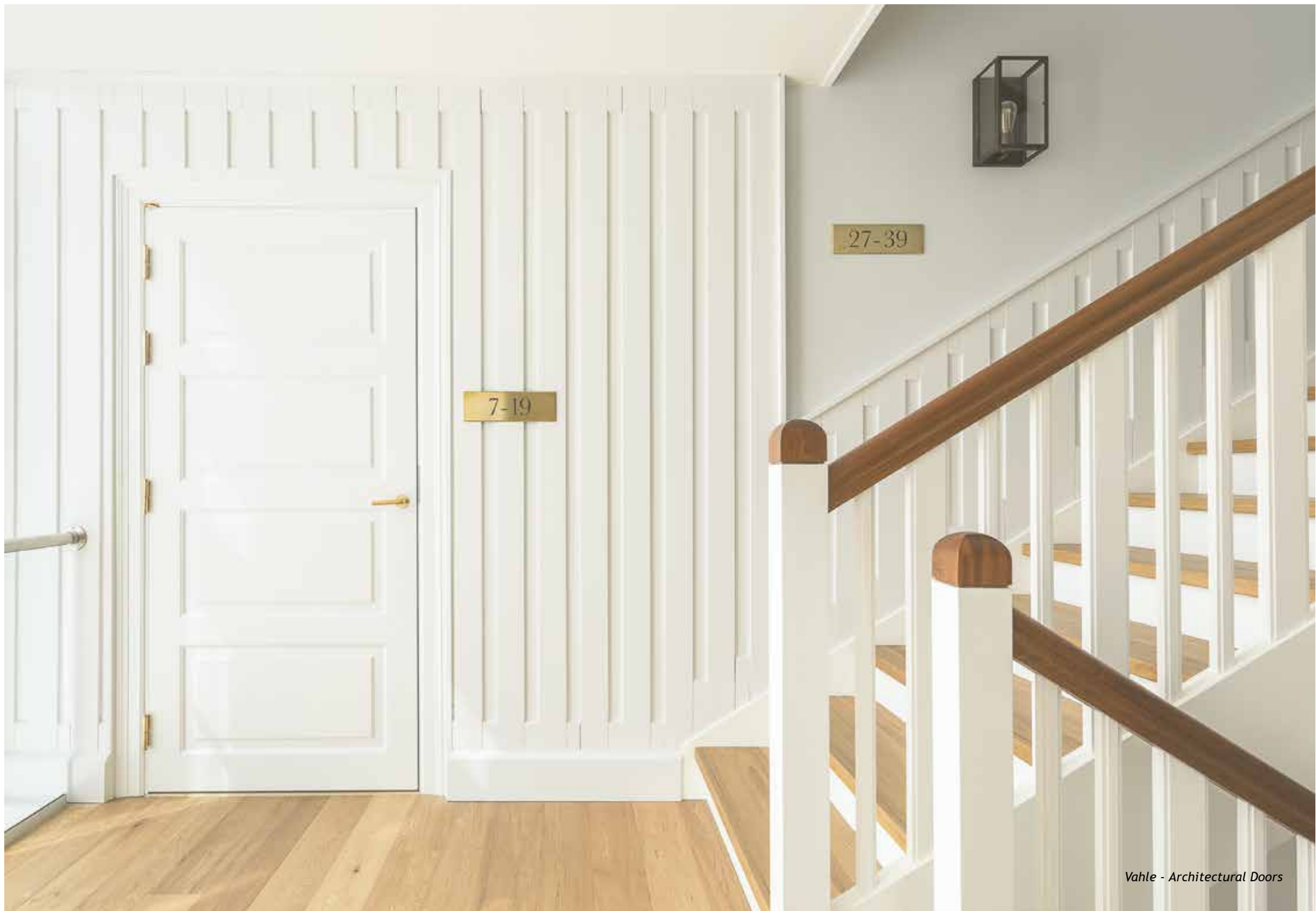
Panel door: EI60 one-hour fire, 35dB  
acoustic performance, concealed  
door closer



#### DOOR LEAF









## COSTUMIZED DESIGNS

*Opposite page, from top left to right bottom*

### **Double Panelled Doorset**

This double doorset completely replicates the original door in a Danish house from 1908. The door has an extra frame on the moving door leaf.

*Private residence, Denmark*

### **Flush Door with Top Panel**

The flush door has an oak surface with concealed door closer and concealed hinges. It is fire-rated and meets with acoustic requirements. The top panel, also made from oak, is part of the overall frame.

*BESTSELLER Office Complex, Denmark*

*Designed by C.F. Møller Architects*

### **Sliding Doors**

The sliding, pocket doors have rails built into the ceiling, Soft Close mechanism and recessed door openers. The doors have a white finish to integrate into the interior design when closed.

*Private residence, Denmark*

*Designed by Arkitema Architects*

### **Double French Door**

The interior French doorset is a fire door with concealed door closer. Above the door is a top light with fire-rated glass. The door was designed to match the exterior doors and windows of the hotel.

*Strandhotellet Blokhus, Denmark*


*Designed by Brix Nordberg Arkitektur*








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