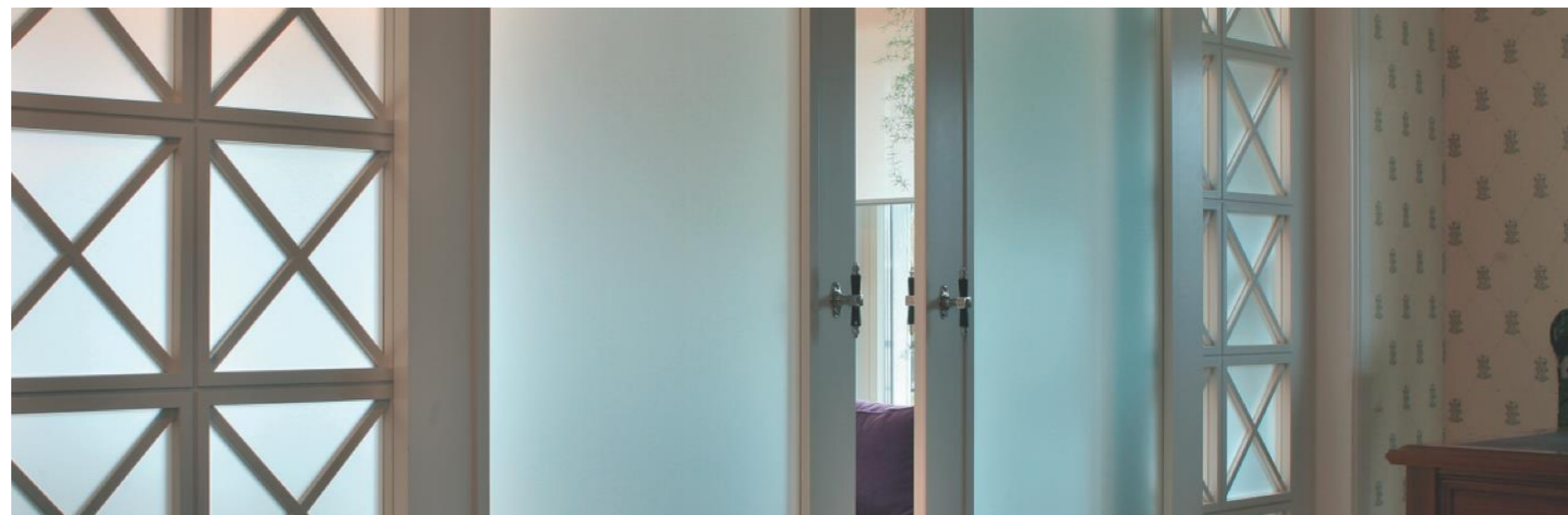


DOOR MANUFACTURER



The leading premium quality wooden door manufacturer in Latvia and eastern Europe

Reaton^R



Manufacturer with history

Development of production is based on know-how tradition, professional experience, materials of highest quality and latest technology.

Since 1991 Reaton door production factory holds leading positions in local markets in a segment of premium quality wooden doors. Quality of production is achieved by usage of materials of highest quality and longtime professional experience in organising supplies, processing and storage.

Factory quality management system complies with ISO 9001: 2000 requirements approved by the Audit Bureau Veritas Quality, International certificate issued.



Reaton durvju ražotnes komplekss Rīgā, Krustabaznīcas ielā 20



Wooden door manufacturing business of Reaton Ltd.

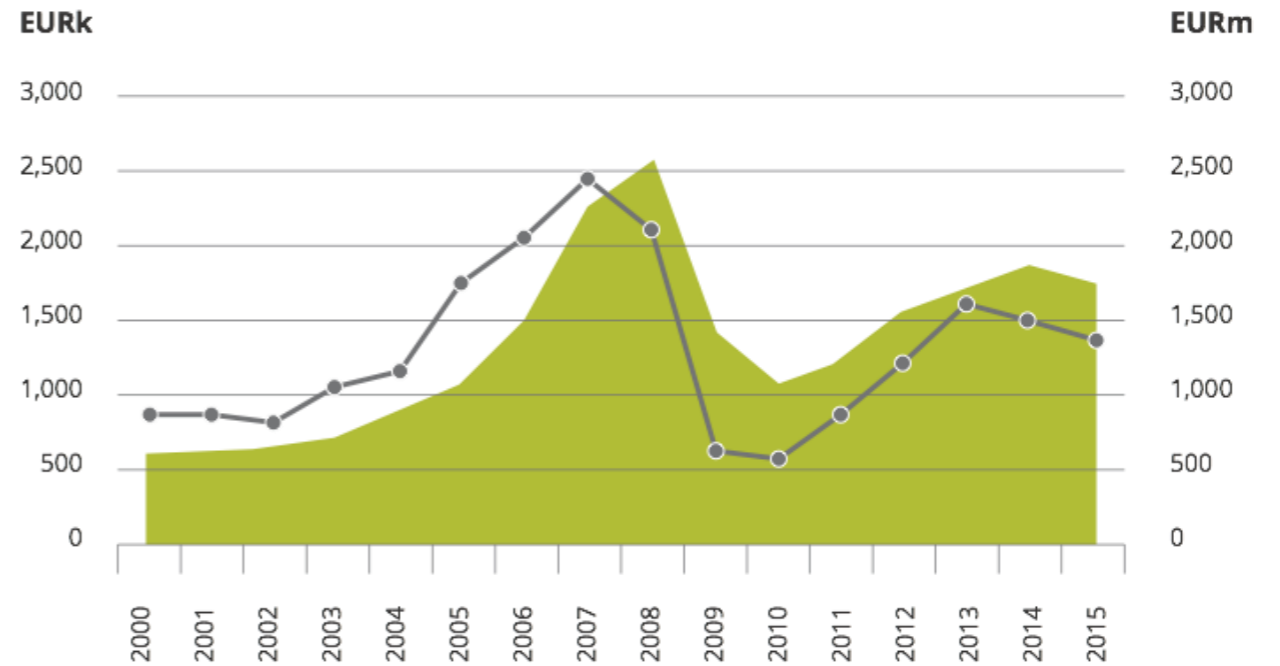
Overview of the business

- #1 premium quality wooden door manufacturer in Latvia with more than 25 years of industry experience
- The largest wooden door production facility in Latvia with modern equipment and manufacturing capacity of out up to 2,000 doors per months
- Over 200 models of doors in the product range, incl. fire resistant and sound insulating doors as well as own designer doors collection
- ISO 9001:2008 quality certificate
- EUR 1.5m revenue in 2015 (share of sales in domestic market)
- 49 employees
- Operates as department under Reaton Ltd.

Key facts about Reaton Ltd.

- One of the largest locality-owned diversified companies in Latvia, established in 1988
- Main business activities of Reaton Ltd:
 - Import and distribution of high quality food and gourmet products
 - Retail trade in decoration materials
 - Construction of buildings and sports facilities
 - Wooden doors manufacturing
 - Representative offices in Lithuania, Estonia and Russia
- EUR 40.4m revenue in 2015

Reaton's door manufacturing business vs. Latvian construction market



■ Latvian construction output, EURm ●—● Revenue of Reaton's door manufacturing business, EURm

Historical milestones



Manufacturing process

1 Preparation

Boards are sawn to the required size using sliding multi table saw.

Layers of the door (tabular or solid core boards and MDF boards) are stapled together using hydraulic hot press.

2 Veneering

Veneer is cropped and veneer edges are straightened using guillotine and veneer saw.

The prepared veneer is glued on both sides of the leaf and door casing using veneering press and tripartite veneering machine.

3 CNC operation

Doors are cooled and sawn to perfectly match the required size.

Hinges, locks and other fittings are installed using CNC machines.

4 Decoration

Doors are faceted using wide belt sander and wall mounted extraction arm.

Doors are painted and varnished.

Drying process takes place using infrared drying tunnel.

5 Mounting

Doors are assembled with glass, frames and fittings on the customer needs.

Doors are packed in a PVC film.

The final products are put on a pallet and ready for shipping.

Key technological equipment

Edge branding machine
used at veneering stage



Supplier: Brandt
Acquisition cost: 64K
Acquired: 2007
Machine hours: 1006 h

Veneering press
used at veneering stage



Supplier: Joos
Acquisition cost: 102K
Acquired: 2007

Tripartite veneering machine
used at veneering stage



Supplier: Friz
Acquisition cost: 84K
Acquired: 2005
Machine hours: 3724 h

CNC machine
used at CNC operations stage



Supplier: Weeke
Acquisition cost: 252K
Acquired: 2007
Machine hours: 15604 h

Infrared drying tunnel
used at decoration stage



Supplier: Cefia
Acquisition cost: 98K
Acquired: 2006

- Modern equipment ensuring high quality of the product and fast rate of order completion
- Wide range of technical solutions available for manufacturing non-standard doors

Technology

Product quality and operability is secured by optimized door manufacturing and treatment process.

Reaton door production facility is equipped with the latest generation technology - a computerized door veneering line and advanced door processing center (CNC) for fittings incorporation, providing timely, high-quality production.

Production facility's technical equipment provides a wide range of possibilities for non-standard doors - from a variety of sizes and diverse finishing variations, to original decorations and individual design door manufacturing.



Competitive advantages

Combining the advantages of individual master approach in original door manufacturing with industrial production capabilities, Reaton door manufacturing provides:

Market of projects – object developers / wholesalers / construction companies / architects:

- Door projects for specific architecture specifications and technical requirements
- standard and non-standard size door manufacturing in unlimited quantities
- Implementation of non-standard orders at wholesale prices and meeting serial production deadlines (including individual design doors)

Private sector market – architects / designers / private customers:

- door manufacturing according to the author design drawings, including doors with print (photos, drawings), a variety of decorative elements etc.
- historical replicas and other non-standard door production



Real door

Real door are like business card for architecture of the building and a functional element of interior design

Real door is a value which requires:

- targeted investment in development of production
- Highly trained staff and latest technology
- Creative cooperation and rational management
- Original design and capacity for industrial production

***Real door is a value,
which is produced by Reaton door manufacturer.***



Product range



Materials and key suppliers

Tabular or solid core boards



Veneer



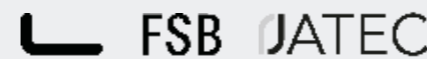
MDF boards



Varnishes, paints, wood stains



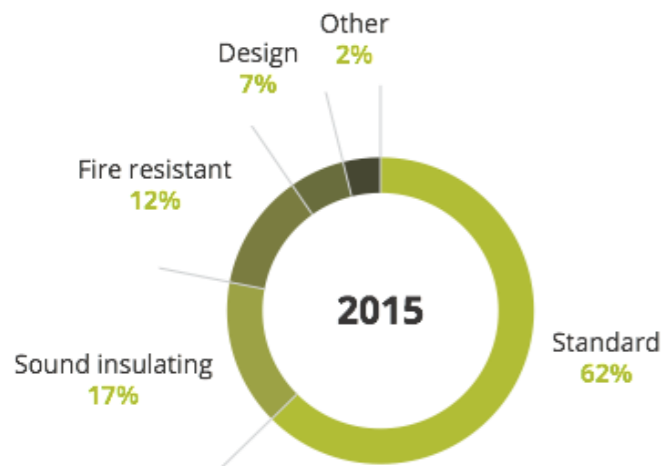
Fittings (hinges, locks, etc.)



Glass



Revenue by product

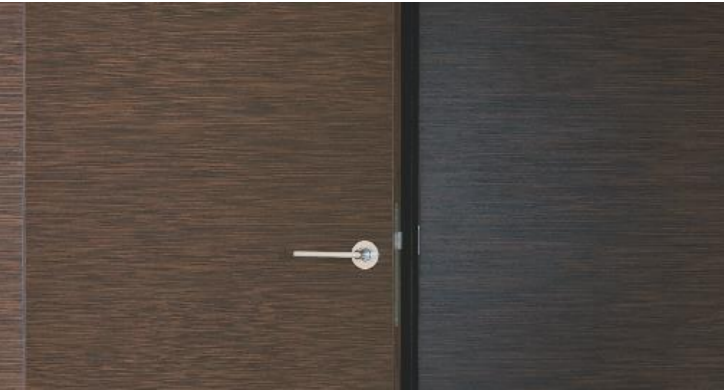


Price range by product

Category	Price EUR3
Standard collection	187 - 198
Fire resistant	294 - 329
Sound insulating	147 - 198
Design collection	402 - 1 155
Other	415 - 628

Source: Reaton Ltd.
 1) Incl. doors featuring both fire resistance and sound insulating
 2) Incl. entrance and solid wood doors
 3) Range of weighted average prices in each category for 2013-2015

- Technological leader and trendsetter in Latvia, co-operating with leading European suppliers
- Capacity to produce fire resistant and / or sound insulating doors and special design doors



Technological leader and trendsetter in Latvia

- #1 premium quality wooden door manufacturer in Latvia with over 25 years of industry experience
- Producer of certified EI-30 / EW-30 / EI-45 fire resistant and 32 / 36 / 40 dB sound insulating doors
- Own designer doors collection developed by top Latvian architects, featuring advanced technical solutions
- Co-operation with leading European suppliers to deliver top quality

Operational excellence

- Modern equipment, incl. a computerised door veneering line and a CNC door processing center for installation of fillings, operated by a professional team
- Ability to perform non-standard orders (incl. dimensions, materials, colors) at wholesale prices and serial production rates as a source of competitive edge over mass producers.
- ISO 9001:2008 quality certificate



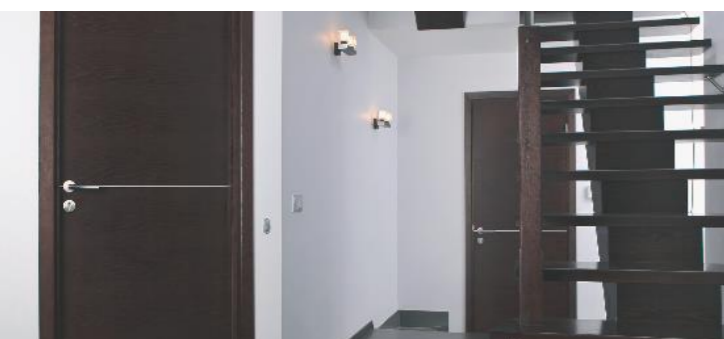
Large scale project execution capacity

- Manufacturing capacity of up to 2000 doors per month
- Numerous large scale corporate and public projects executed in Latvia, incl. 600 doors for Latvian Ministry of the Interior and 400 doors for Radisson Blu Hotel Latvija etc.



Established platform for export-driven growth

- Competence in handling export projects, e.g. 20 doors for Harpa Concert Hall in Reykjavik, Iceland (2011), 51 doors for Ericsson Center in Algeria (2012) and 83 doors for Danske Bank in Denmark (2015)
- Favourable geographic location in Latvia with easy access to Western Europe, Nordics and CIS/Central Asia and low labour costs (EUR 7,1 in Latvia vs. EUR 25.0 in the EU)



Infrastructure available for development

- Potential to triple current production capacity, further developing 1,25 ha land plot, favourably located close to the centre of Riga (6 km)
- and the Freeport of Riga (8-10 km)
- 550 m2 specialized storage area available at Reaton Logistics Center located across the road.

Client base

Client base



Public

Embassies, ministries and municipalities



Corporate

Offices, hotels and other commercial properties



Private

Private houses and residential developments

- Since its foundation, Reaton door manufacturing business has been focusing on large-scale projects, incl. public and corporate clients
- The segment accounts for 80% of doors sold by Reaton
- Reaton has c. 15% market share in the segment, c. 6% overall market share in Latvia 1
- Ability to produce both standard and non-standard doors in large quantities that comply with technical requirements of the building is the key competitive advantage.

Top projects

1



Glazed wooden hollow-structure doors with rectangular decorative glass

Project: Latvian Ministry of the Interior
Doors produced: 600
Year: 2007



2



Smooth, painted, fireproof and regular interior doors for various purposes

Project: Radisson Blu Hotel
Doors produced: 400
Year: 2008



3



Painted doors in classic style with matching wall and doorway panels

Project: Turkish Embassy
Doors produced: 150
Year: 2008



4



Custom designed entrance doors finished with exclusive jatoba and iroko veneer

Project: Residential Complex "Gypsum Factory"
Doors produced: 114
Year: 2013



- Large scale project execution capacity
- Performing non-standard orders at wholesale prices and serial production rates as a source of competitive edge

Export projects

Export geography



Key export partners



Danish company specializing in the design and manufacture of interior glass walls, fire glass windows, and other production of steel sections for drywalls.



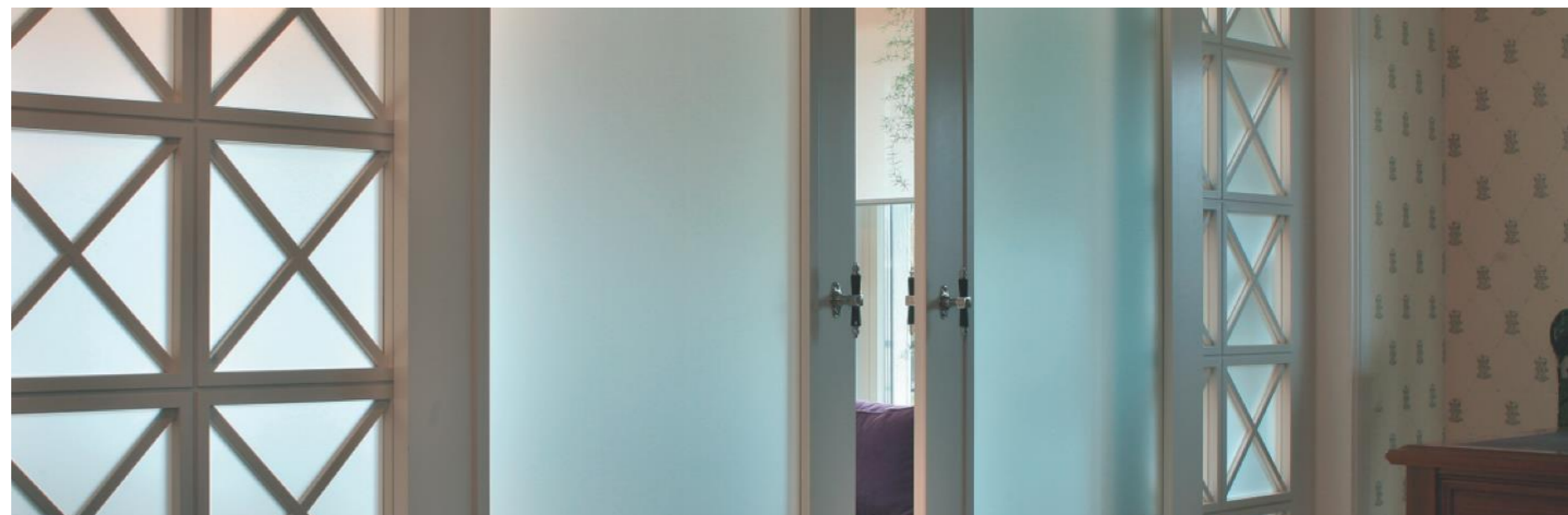
Danish company specializing in developing innovative glass walls, fire glass windows and other products for the construction industry.



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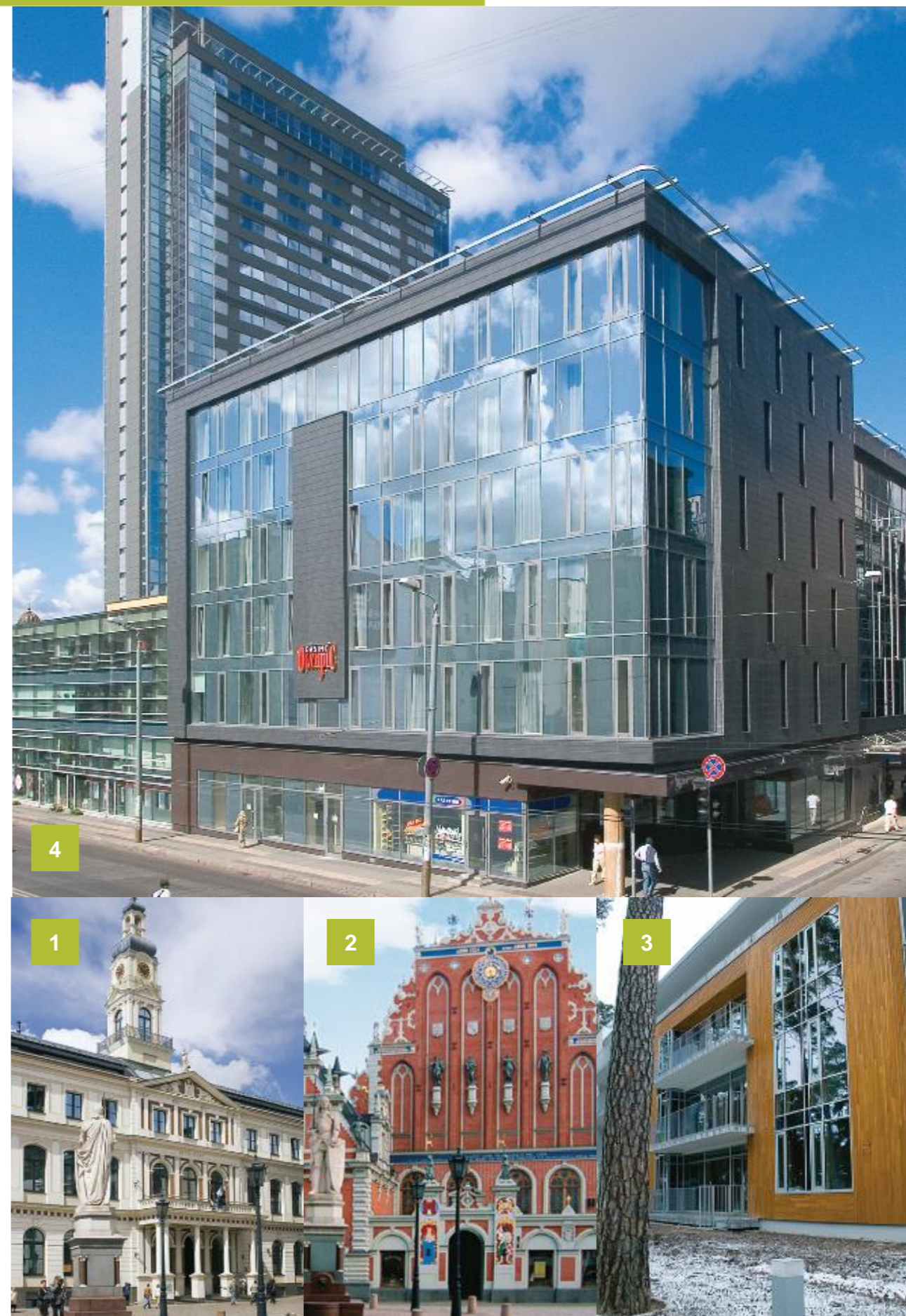
Experience in project implementation

In a market of project implementation Reaton door manufacturer holds a solid leading position. Demand for our products in Latvia and abroad is provided by competitive and flexible price policy, quality of assortment and range of technical capacity.

Doors manufactured by Reaton are installed in nationally significant objects, in private and public sectors, as well in specific commercial objects.

- administrative, educational and business centers
- hotel, sports, entertainment and leisure complexes
- embassies, ministries and historical objects
- private houses and residential complexes

1. Riga Town Hall - custom-made individual design wooden doors with a stylistically unified metal inlay.
2. House of the Blackheads - in accordance with the historical style were made 120 classic design paneled doors.
3. Apartment house in Jurmala, Dzintaru prospect - made more than 100 contemporary design entrance doors, soundproof and fireproof interior doors.
4. Reval Hotel Latvia - made more than 400 smooth, painted, fireproof and ordinary interior doors for rooms with various functions.



Implemented projects

Administrative, educational and business centers

- International Airport "Riga"
- T / c "Stockman", 13 January street 3, Riga
- Office building "Waldo", Bauskas Street 58a, Riga
- A / S "Latvenergo" administrative building,
- Colonel Briedis street 12, Riga
- Publishing house "Santa" administrative building, Stabu street 34, Riga
- Audi Centre, the company "Auto Rīga", Eisenstein street 6, Riga
- Ltd. "Latvian Mobile Telephone" administrative building,
- Ropazu street 5, Riga
- A / S "Ceļuprojekts" administrative building, Murjāņu street 7a, Riga

1. Administrative complex "Latvian Mobile Telephone": made 460 veneered, individual design doors and partitions - wooden sashes with aluminum columns.
2. Latvian Ministry of Interior: made more than 600 different kinds of doors, most of which are glazed door models Sonāte 11000
3. Audi Centre



Implemented projects

Embassies, ministries and historical objects

- Turkish Embassy Kr. Valdemara street 3, Riga
- Latvian Ministry of Foreign Affairs of the Republic of Kr. Valdemara street 3, Riga
- Riga Town Hall, Town Hall Square 1, Riga
- The historic building of the Blackheads House, Town Hall Square 7, Riga

1. Riga Town Hall: After a special custom-made individual design were made wooden doors with a stylistically unified metal inlay.
2. Latvian Foreign Ministry: during on month were designed and manufactured more than 100 individual and historical design doors, as well as single-style wall panels and openings.
3. Turkish Embassy: made of 150 painted doors in classic style with analogue wall openings and panels.



Implemented projects

Administrative, educational and business centers

- Ventspils Business Centre, 23 Ostas street, Ventspils
- Liepaja Police Department, Barinu Street 3, Liepaja
- Latvian branch of Nordea Bank, Lime Street 15, Riga
- Riga Graduate School of Law, Alberta Street 13, Riga
- The Baltic Russian Institute, Piedrujas Street 3, Riga
- Latvian Bank branch in Liepaja and Theatre Street 3, Liepaja
- A / S "Lenenergo" administrative building, Maršov Pole Street 1, St. Petersburg
- Business center "Severnaya Palmira" Volyns'kyi blvd. 1, St. Petersburg
- "Mulberry Place", London



1. Nordea bank
2. Turkish Embassy
3. Offices and apartments, Customs Street 1: 100 modern design doors with metal bands.

Implemented projects

Hotels, sports and entertainment complexes

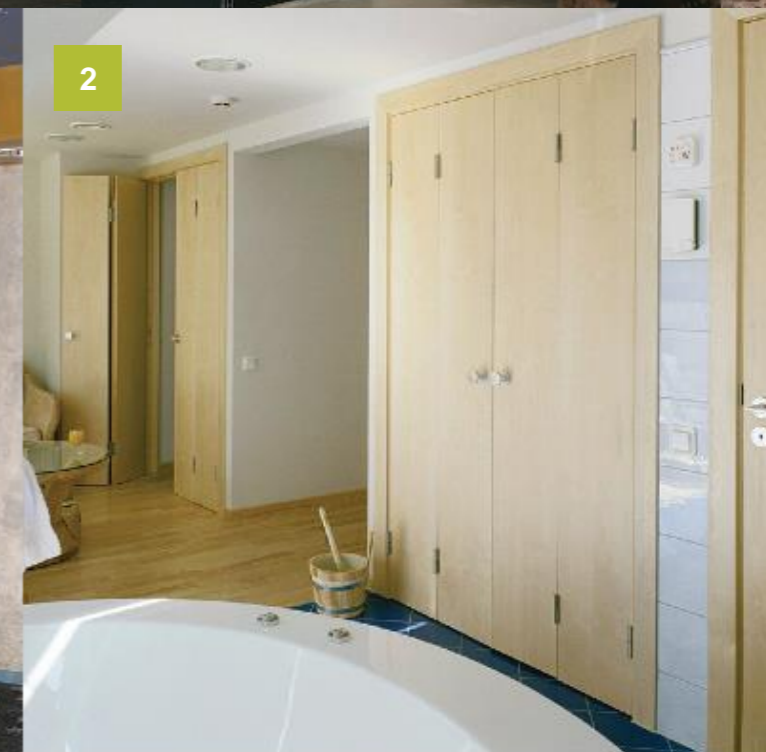
- Hotel "Park Hotel Ridzene" Reimersa street 1, Riga
- "Reval Hotel Latvia", Elizabetes Street 55, Riga
- The hotel "Hotel Amber" Dzintari prospect. 68, Jurmala
- Hotel "Roland", 3a Kalku street, Riga
- Hotel "Royal Square Hotel & Suites" Lime Street 3a, Riga
- Hotel "Sigulda" Pils Street 6, Sigulda
- Baltic Forum Cinema, 13 January street 8, Riga
- Joker Club, Fitness Centre, Catherine Street 12, Riga
- Sports and recreation center "Keizarmežs" lakeside street 30, Riga



3



1



2

1. Baltic Forum Cinema
2. Royal Square Hotel & Suites, SPA
3. Interior Design and Delicatessen Centre mc² Riga

Implemented projects

Private houses and residential complexes

- Residential building (Stabu street 92, Artillery Street 33, Export iela12), Riga
- Residential building "Mārupīte" Border Street 52, Riga
- Residential building "Zalves Life" Zalves street 35-43, Riga
- Residential building "CityZen" Zentenes street 21, Riga
- Residential building "Centra nams" Republic Square 3, Riga
- Residential building "Thomson Terrace" Thomson Street 30, Riga
- The residential complex "Metropolia" Anninmuizas blvd., Riga
- The residential complex "Forest Village" Bikernieku street 124, Riga
- The residential complex "Tobago" Apūzes Street, Riga

1. Private apartment in Riga
2. Private apartment in Riga: custom-made 20 classic design door with wall openings and panels.



Implemented projects

Private houses and residential complexes

- Residential building in Jurmala, Dzintaru prospect. 64, Jurmala
- Residential building in Jurmala, Bulduru prospekts 33, Jurmala
- Townhouses Ogre, Hunter Street, Ogre
- Private apartment in St. Petersburg
- A residential neighborhood in London (United Kingdom)
- Private houses in Boston (USA), etc.



1. Privātmājas Rīgā
2. Privātdzīvoklis Sanktpēterburgā

Internal interior doors

Between the room door assortment includes more than 100 basic models, many of them are with different implementation options: veneer, stain and color variations, diverse application of decorative elements. The base collection is constantly renewed thanks to Reaton co-operation with Latvian designers and architects. Doors are made for order, with respect to each facilities individual technical parameters.



Wall panels

We offer different types of structures and wall panels - vertical and horizontal, whether connected to doors or not. In connected version, panel is an integral part of the door block - using 'Invisible hinges', door leaf is embedded in the panel plane. Wall panels with decorative wood veneer are adaptable do design of the room and other technical specifics.



Partition walls

We offer different types of structures and wall panels - vertical and horizontal, whether connected to doors or not. In connected Version, panel is an integral part of the door block - using 'Invisible hinges', door leaf is embedded in the panel plane. Wall panels with decorative wood veneer are adaptable do design of the room and Other technical specifics.



Special purpose doors

Fireproof doors

They are designed for the indoor facilities, which are set to meet increased fire safety requirements. The assortment of mono- and double-leaf door glazing with a min. limit of the fire resistance of 30 and 45 min.

Sound insulating doors

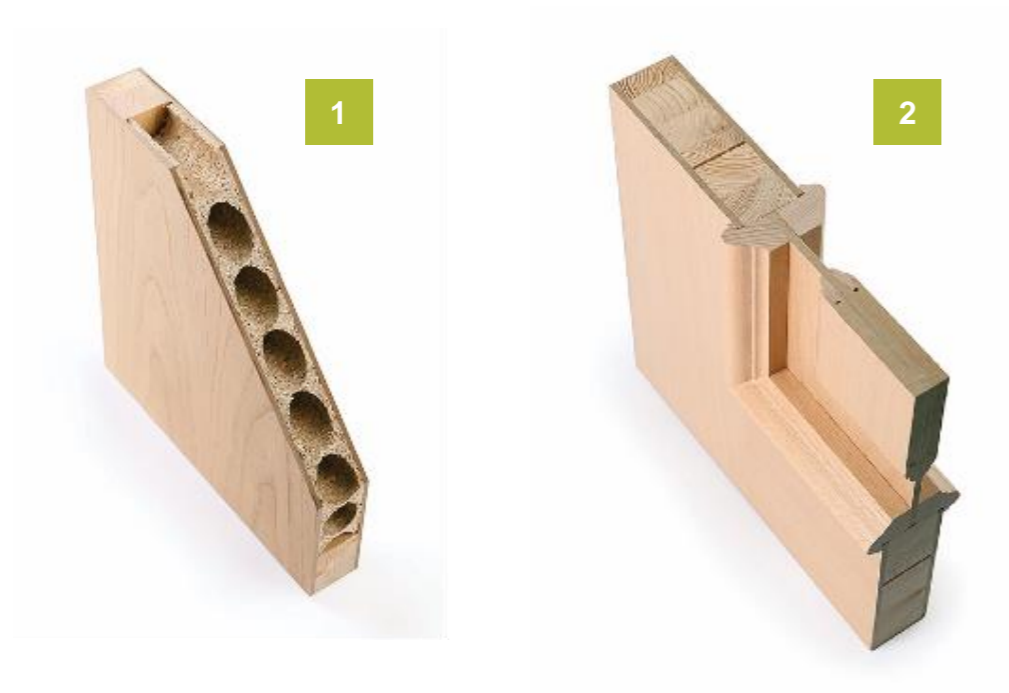
(Hospitals, schools, hotels, conference halls, cinemas, sound recording studios, etc.) with sound insulation degree to 40dB are made for individual order.



Door construction

We produce doors with shield and trammel construction
Standard door leaf thickness - 40 mm
Door leaf filling types - see photo 1, 2
Frame types

Doors are veneered with high density fibreboard (HDF).
In veneered door decoration are used different high-quality veneered woods,
as well a wide range of shades.
When decorating doors using paint, NCS color system (2000 colors) is applied.
Also, the door can be covered with laminate (HPL) coating both in
different colors and with wooden texture imitation.

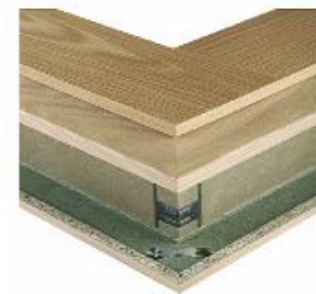


Box-frame structures

Door completations are offered with two types of box-frame structures – universal and standart wooden box-frames. Our specialist will advise a suitable box-frame structure for each door mode

Universal door box-frame structure:

- flexibly adaptable to the wall of any thickness and easy to install
- made in accordance with the door leaf design - painted or a natural wood veneer
- suitable for both contemporary design doors and renovated building door renewals - the door frame can be easily installed over the old metal fixtures



Studio 11046

Complete set with hidden hinges and a universal box.

Shield construction, internal wooden doors. Used in marquetry technology that allows you to combine different types of wood combinations.

Recommended veneer - birch or maple with cherry or walnut squares.



Box-frame structures

Standard wooden box-frame:

- intended for the assemblage framing of various types and sizes (are made separately)
- diverse assembly variants - including door frames with cornices and other decorative elements
- suitable for both historic building door reconstruction and contemporary design doors



Solo 11057

In model decoration is used the natural ash veneer, which has the texture and bright contrasting pattern. Unique pattern is achieved with intentionally chaotic selection of the veneer .

Design and style

Due to targeted investments in door design development, Reaton door production unit is considered to be the door fashion setters in Latvia.

In our standard collection, we offer different door models for different styles of interior: from polite and stylized (neo)classic, where you will find special models for historic buildings with high ceilings, to the ascetic modernism and the new style avant-garde variations.



Classic style

Classically for luxurious interior we offer doors with wavy lines, profiled framing, panels, cornices and arches.



Forte 12106

Interior doors for houses with high quality wood veneer.

For door block decoration was used solid oak wood with artistic decorative elements - embossed border profile rails and cornice.

Neo classic

For elegantly restrained classic style interiors we offer doors, which design is characterized by laconic shapes and straight lines.



Solo 12004 (ar stiklu)



Solo 12007 (ar 3 pildījumiem)



Forte 12106 K

Door design created in the classic style with a carefully thought-out details.
Door jamb comes with decorative edges which complement the door leaf.

Design doors

One of the recent trends, as chosen by the architects and interior designers, is a door with intarsia - visual accent which matches room floor tone and texture.



Solo 11050
Veneered doors with decorative band made of aluminum

Solo 11054
Painted doors with intarsia from natural wood veneer, which, according to customer wishes, can be matched to a specific interior design concept. One of the latest trends in design of modern premises is an individual design for doors with a variety of materials (metal, etc.) and shape inlay.



Design doors



Mozaika 11052

For decoration is used Wenge wood decorative veneer.

Model is also available in another version - natural oak with radial cut veneer.

Glass - Matelux.

«Normandy» by Līga Platais

Special collection - "Saga of Normandy" by Latvian architects



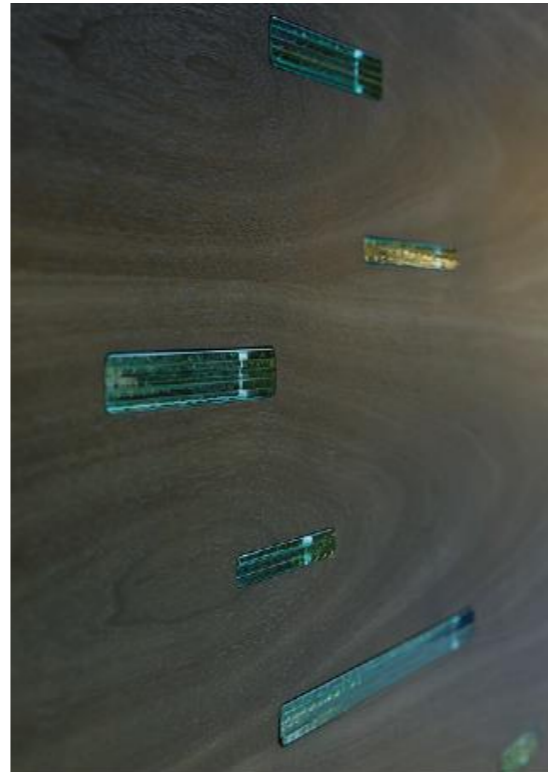
Normandy (mod .: 11061)

Architect Līga Platais

Model design consists of two types of wood - zebrano and wenge veneer combination.

«Water and light» by Līga Platais

Special collection - "Saga of Normandy" by Latvian architects



Water and light (Mod .: 11062)
Architect Līga Platais

Veneered, unique walnut texture and tone interior doors.
Exclusive glazing distributed throughout
leaf area of the door. European standard box-frame, hidden hinges.

«Saga of Normandy» by Zaiga Gaile

Special collection - "Saga of Normandy" by Latvian architects



ZGB1 (with glass) / ZGB2 (mod .: 12065 (with glass) / 12066)

Architect Zaiga Gaile

Classic doors for historic interiors.

Design characterised by meticulously made elegant natural oak elements (profiles, curbs, ledges).

«Democracy and Intelligence» by Dace Brezinska

Special collection - "Saga of Normandy" by Latvian architects



Democracy of intelligence (mod .: 11060)
Architect Dace Brezinska

**The model is made of the natural oak with radial cut
veneer and with bleached texture with 4 mm wide aluminum strip.**



«Henry IV» by Andis Sīlis

Special collection - "Saga of Normandy" by Latvian architects



Henry IV (Mod .: 11067)
Architect Andis Sīlis

The model is made of natural maple veneer with digitaly printed ornament, which covers the entire door leaf area.

«Marie Antoinette» by Andis Sīlis

Special collection - "Saga of Normandy" by Latvian architects



Marie Antoinette (mod .: 11068)
Architect Andis Sīlis

**The model is made of the natural Tanzanian walnut veneer.
The elegantly carved ornament is embedded throughout the depth of the door leaf
- with glazing.**

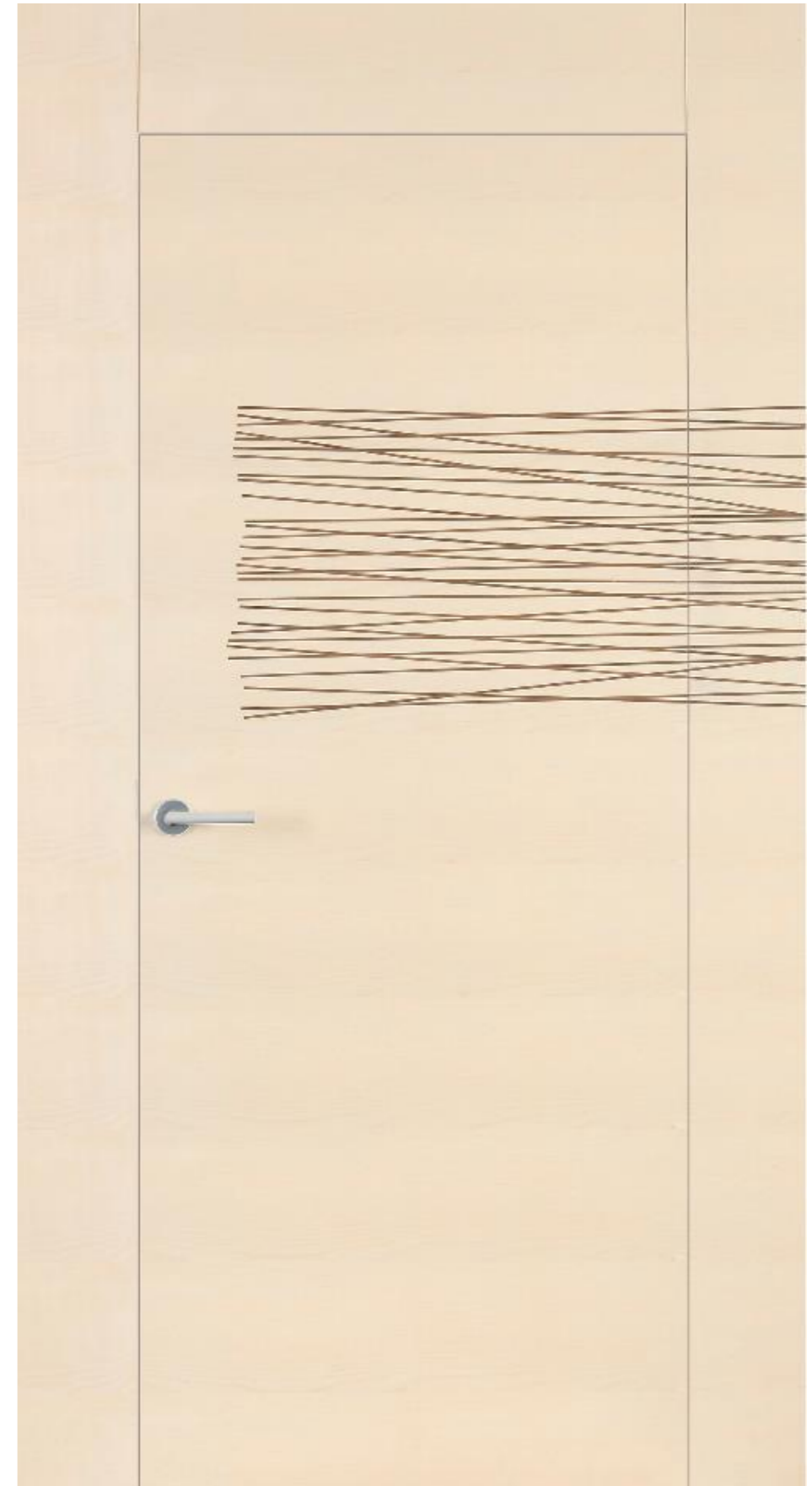
«Brittany» by Andris Kronbergs

Special collection - "Saga of Normandy" by Latvian architects



Brittany (mod .: 11064)
Architect Andris Kronbergs

Model made of the natural maple veneer with inlay - horizontal 5 mm wide walnut bands. Band, used as a design element to smoothly move on to the jamb that fulfills door frame and wall panel function.



«Normandy» by Andris Kronbergs

Special collection - "Saga of Normandy" by Latvian architects



Normandy (mod .: 11063)

Architect Andris Kronbergs

Design consists of a combination of : matt surface with glossy insertions and decorative glazing elements. Frameless glazing design. Hidden hinges. Door jambs perform edging and wall panel function.

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