





IC Market Forecast Fire Resistant Doors in Europe 2019

Your Benefits at a Glance



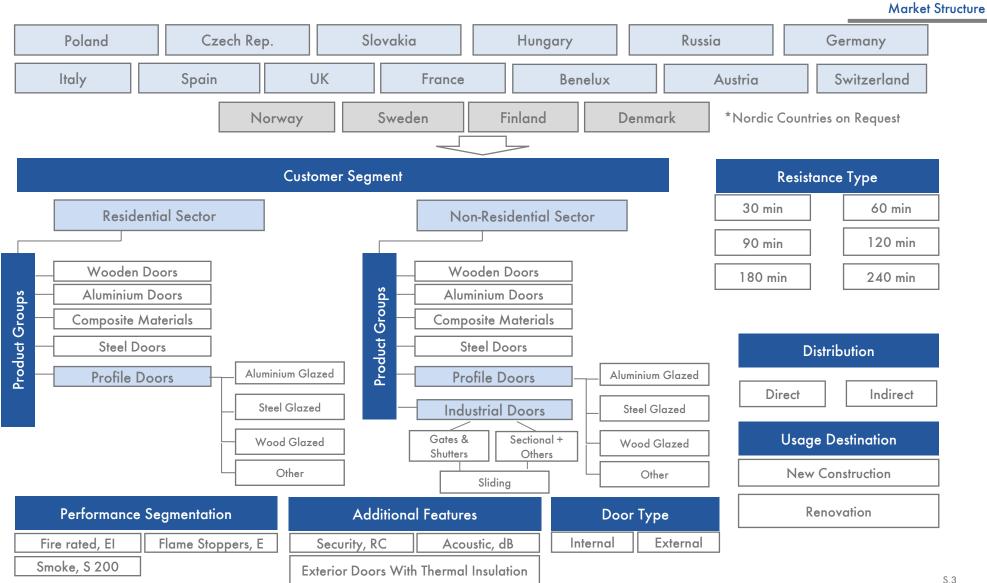
Benefits

- Overview of the development of the total market and individual segments.
- Market Forecasts for all product segments for the upcoming three years, based on our econometric models and with respect to:
 - Total Market
 - Regional Markets
 - Residential Segment
 - Non Residential Segment
 - Resistance Type
 - Door Type
 - Distribution
 - Performance Segmentation
 - Additional Features
 - Usage Destination
- ✓ Information about the most important Factors of Influence.
- ✓ Graphic Presentation of the results facilitates the development of your own strategies.
- ✓ Pivot (excel tables) for all the mentioned segments suitable for interactive research.



IC Market Forecast® Fire Resistant Doors in Europe 2019





Also Available:



Definitions



© Interconnection Consulting

Definitions

30 min

30 minutes fire resistant doors.

60 min

60 minutes fire resistant doors.

90 min

90 minutes fire resistant doors.

120 min

120 minutes fire resistant doors.

180 min

180 minutes fire resistant doors.

Performance Segmentation

Fire rated, El

Category El offers protection from flames, smoke and heat.

Smoke, Sm

Smoke proof doors.

Flame Stoppers, E

Category E offers protection from flames and smoke, but does not prevent the transmission of heat in the event of a fire.

Definitions

Material

Wood

Steel

Metal or Aluminium

Composite Materials

Profile Doors

Industrial Doors

Additional Features

Security, RC

Acoustic, dB

Made of a variety of materials, including PVC, insulating foam, reinforced polyester.

Under Profile Doors we consider glazed doors with profile made of steel, aluminium, wood or full glass (other).

Under Industrial doors we consider doors sold to industrial segment: sliding doors, gates & shutters and sectional doors (the door sections are parked flat underneath the ceiling, vertically above the opening or in line with the roof).

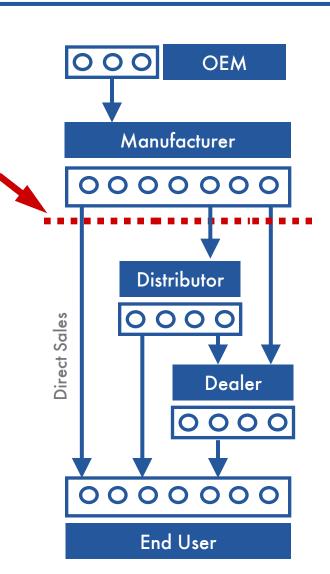
It refers to any of a range of measures used to strengthen doors against door breaching, ram-raiding and lock picking, and prevent crimes such as burglary and home invasions

An acoustic door is a solid, heavily framed door which most often includes seals around its edges and has insulated construction to reduce noise and vibrations from passing through its surface.

Methodology

Interconnection measures the total sales at street prices without VAT per branch to the first buyer (without OEM)

Sales are segmented by the first distribution partner.



The basis for the analysis were interviews conducted with the most important manufacturers of the branches, who donated information through written questionnaires or telephone interviews. In return, cooperating companies receive parts for free, which guarantees a high rate of return.

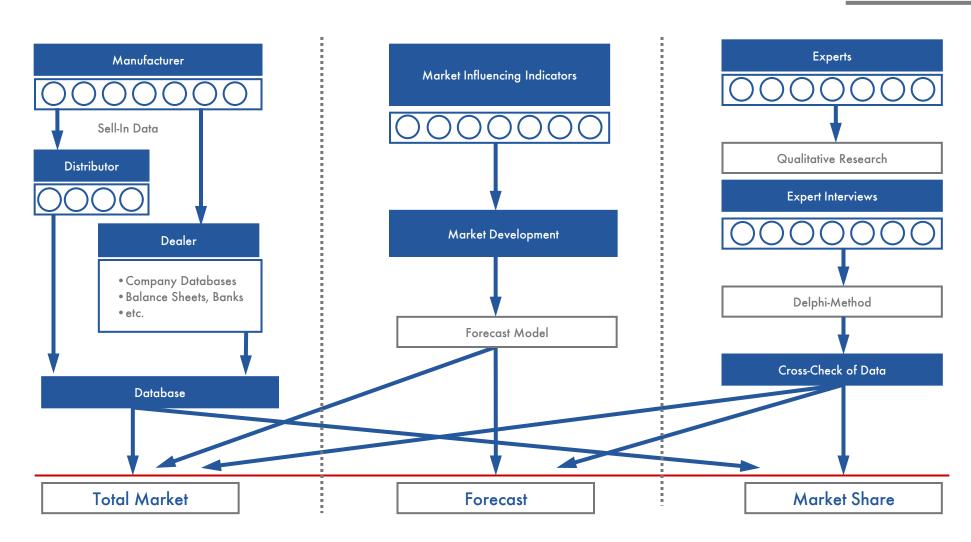
Interviews with distributors and specialised dealers act as a cross-check of the data. In addition, investigations of listings and average prices are carried out.

Base of Primary Research by Manufacturers & Experts



Description Structure of Survey Methodology

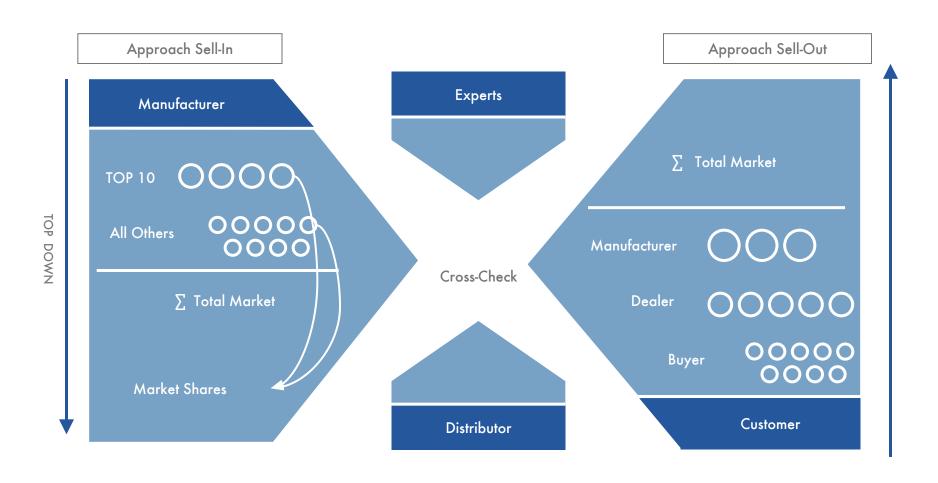
Methodology



Data of Manufacturers Aligned with Market Calculation

Description Structure of Survey Methodology

Methodology



Contents of the IC Market Forecast® Fire - Rated Doors 2019



The IC Market Forecast® is modularly built and consists of the following sections:

Contents

- The Introduction shows definition and demarcation of product groups, regions, and methodology as well as the objectives of the study.
- The Executive Summary gives a short overview of the results of the study and analyses key facts.
- As an introduction key factors influencing the market are analysed in the Economic Environment: You will find the most important data on main economic indicators, etc.

The Total Market Analysis shows the development of the market surveyed by value and quantity in different dimensions, such as regions, product groups, and ways of distribution. A forecast for the next years is an essential part of this analysis.

Executive Summary at the Beginning of the Report



Sample Charts

- The executive summary comprises all relevant information of the report in poignant and precise manner. Forecast and competition situation is highlighted.
- This chart shows sample figures

The Market for Fire Rated Doors in the WEU Recorded Stable Growth in 2018

Interconnection Consulting

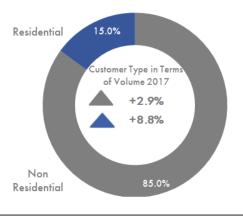
Total Market Development: Volume in Thousand of Units, Value in Mio. of EUR, Customer Segment: Volume in % in 2017

Executive Summary



- In 2017 the WEU market for fire rated doors recorded a 3.7% volume increase reaching 882,100 of doors sold. The market is strongly driven by the positive development of both non-residential and residential segment of the construction industry.
- The total value sales of the fire rated doors (including industrial and glazed doors) reached EUR 726.5 in 2017 experiencing growth of nearly 3%. The market is expected to continue to grow, following the development of the construction industry to reach EUR 844.3 million in 2021.

- The non residential segment of the market recorded stable growth in 2017 of nearly 3% and reached 749,800 of doors sold. This segment is quite dominant in terms of the total sales of fire rated doors, accounting for 85%.
- The residential segment on the other hand recorded a strong increase in 2017 of nearly 9% indicating that the WEU residential construction is back on track with full power on.



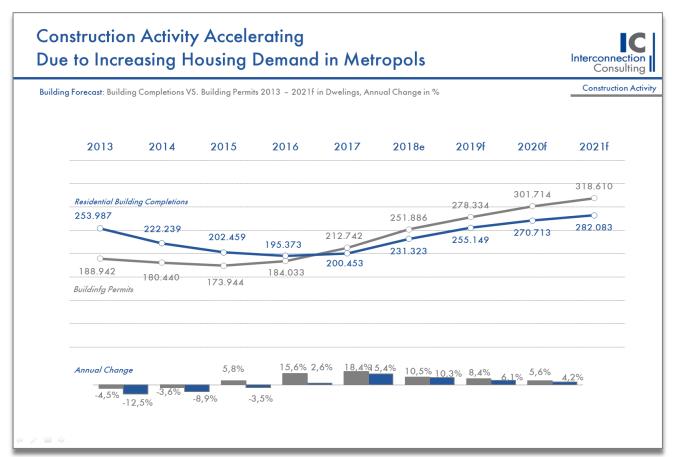
S. 8

Market Environment Data of Our Forecasting Model



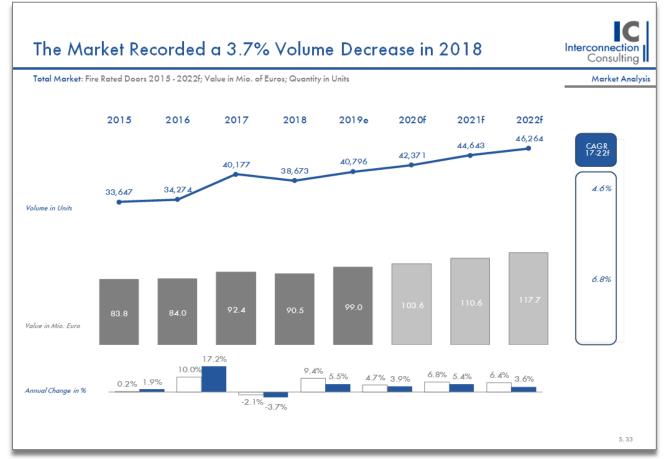
Sample Charts

- The data for the market environment consists of main factors such as general economy data, demography, income statistics, construction environment and sentiment indicators.
- This chart shows sample figures



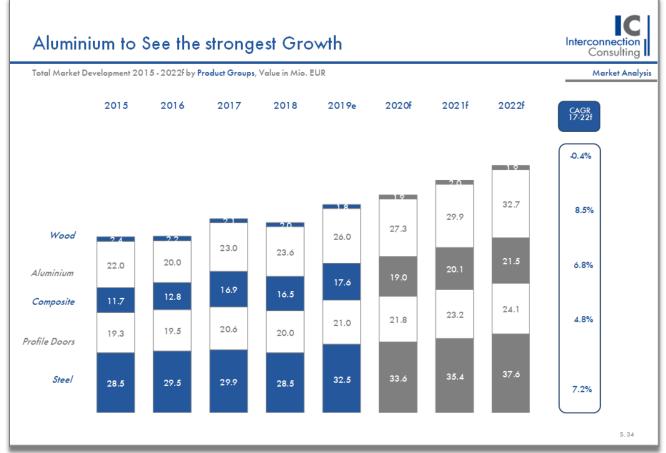
Sample Charts

- Overview of the total market until the current year and forecast for the upcoming three years.
- This chart shows sample figures



Sample Charts

- Overview of the total market until the current year and forecast for the upcoming three years by sub segments.
- This chart shows dummy figures

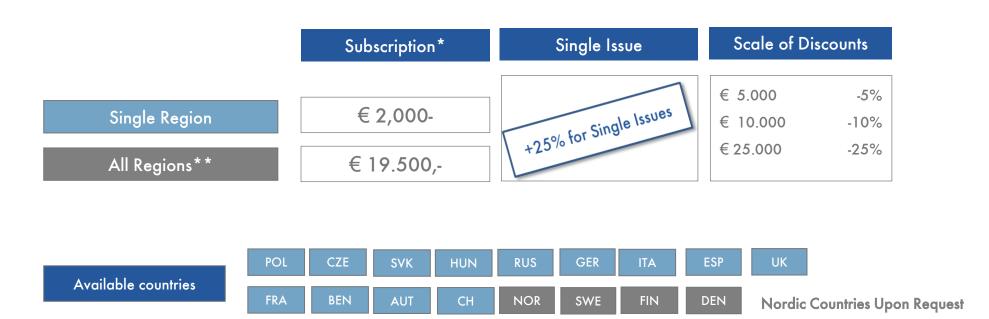


Investment Plan for Your Market Research



Prices

IC Market Forecast® Fire - Rated Doors 2019

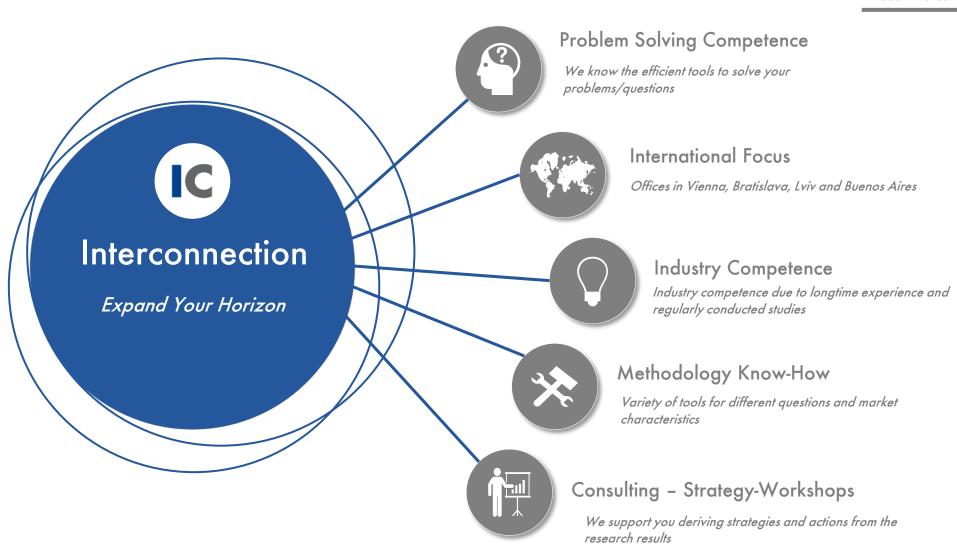


- * IC Subscription: 25% price advantage compared to single issue. The subscription can be cancelled after two purchases of the study, but not later than 31st December in the year in which the last study has been received. If the subscription is not cancelled, it is extended by one more year. The price is the individual price for at least two orders of the study (order year and the following year). Price changes must be announced by Interconnection at least six weeks before 31st December.
- **Price taking into account the scale of discount
 Price includes an interactive PDF Document. All prices shown exclude sales tax

Interconnection Provides Data for Corporate Decisions



About Interconnection

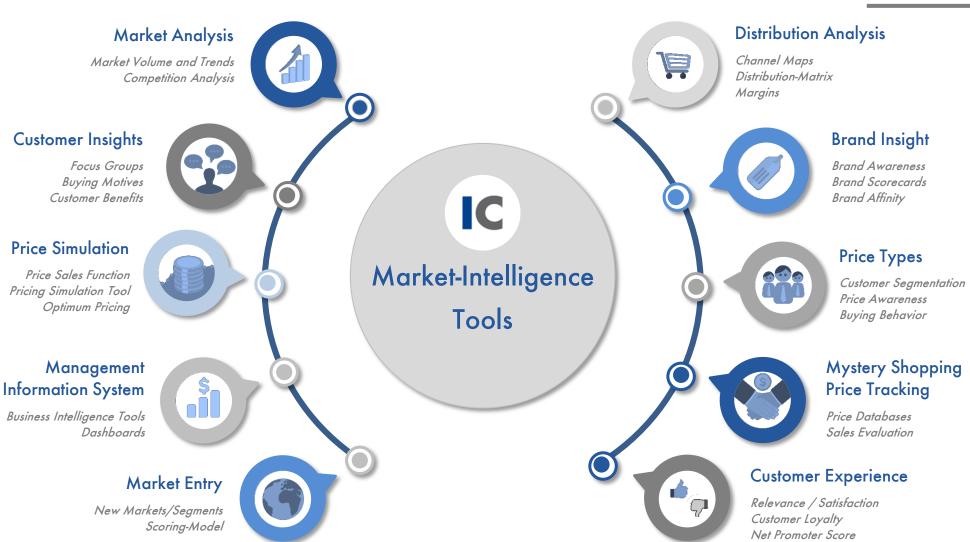


© Interconnection Consulting S.16

Our Market-Intelligence Tools



Market Intelligence



© Interconnection Consulting S.17

References

"IC is a permanent partner of ours and provides helpful data for decisions."

Mr. Bernd Blümmers

Directeur General, Saint-Gobain Solar Systems, Central Europe, Aachen



























If there are any questions please do not hesitate to contact us!

Interconnection Consulting

Dostojevského rad 11, SK-811 09 Bratislava

Saša Spiridonov- Market Analyst

Tel: +42 1 220748 248

Fax: +43 1 5854623 -30

spiridonov@interconnectionconsulting.com

Mag. Andreas Erdpresser- Managing Director

Tel: +421 220 748 248

Fax: +43 1 5854623 -30

erdpresser@interconnectionconsulting.com

Interconnection Consulting | Vienna • Oberstdorf • Lviv • Bratislava

www.interconnectionconsulting.com





Yes, we would like to order the IC Report® Fire Rated Doors in Europe

(Please, print out the order form and mark your desired products)

| Please choose from the available countries | | | | | | | |
|---|--------------------|-----------|------------|-----------|------------|---------------|--|
| □ Germany | □ Italy | □ Spain | □ UK | ☐ France | ☐ Benelux | □ Austria | |
| ☐ Switzerland | □ Poland | □ Czechia | □ Slovakia | □ Hungary | □ Russia | | |
| | | | | | | | |
| Subscription | | | | | | | |
| ☐ Market Forecast Fire Rated Doors | | | | | | | |
| Single Issue | | | | | | | |
| ☐ Market Forecast Fire Rated Doors | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | Si | ngle Issue | Subscription* | |
| 20% price advantaç | ge | | | | | ✓ | |
| Interactive PDF | | | | | ✓ | ✓ | |
| Full Flexibility – Wit country reports can | | | | ✓ | | | |
| Web-Conference with | th the analyst fro | | | ✓ | | | |
| | | | | | | | |
| | | | | | | | |

Scale of discounts

From: 5.000,- EUR 5% From: 10.000,- EUR 20% From: 25.000,- EUR 25%



| | in the data completely) | (necessary if different from the billing address) | | | |
|------------------------|-------------------------|---|--|--|--|
| Company: | | Company: | | | |
| Nam: | | Name: | | | |
| Address: | | Address: | | | |
| Post Code/Zip: | | Post Code/Zip: | | | |
| Country: | | Country: | | | |
| VAT identification num | nber: | | | | |
| E-Mail: | | E-Mail: | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Date | Name | Signature | | | |
| | | | | | |

*Subscription:

The price is the individual price for at least two orders of the study (order year and the following year). Price changes must be announced by Interconnection at least six weeks before 31" December. The subscription can be cancelled after two purchases of the study, but not later than 31st December in the year in which the last study has been received. If the subscription is not cancelled, it is extended by one more year.

Terms of Payment

Payable after receipt of invoice without discount or via Credit Card. General terms of business apply, as agreed; any disputes arising will be settled before a competent Vienna court of law. We claim copyright protection for the work. Distribution to third parties, duplication, publication or revision, even in part, is not permitted. In case of violation the company or persons placing the order agree to pay a contract penalty of one hundred thousand Euros in each case. All prices shown exclude sales tax. Interconnection reserves the right to use the client's logo as reference until revocation.