Construction Glass Market by Type, Application, Manufacturing Process, Chemical Composition & by Geography - Global Forecast to 2020

Description: Construction Glass Market by Type (Low-E, Special), Application (Residential, Commercial, Others), Manufacturing Process (Float, Rolled/Sheet), Chemical Composition (Soda-Lime, Potash-Lime, Potash-Lead) & by Geography - Global Forecast to 2020

Construction glass includes flat glass. Flat glass is widely used for glass doors, glass windows, and transparent walls. Construction glass has high strength, is an excellent insulator, is chemical resistant, soundproof, has a cost advantage, saves energy, and fire-resistant. These properties make construction glass the most viable option for the construction industry.

The construction glass market in the Asia-Pacific region is projected to grow at the highest CAGR from 2015 to 2020, in terms of volume. China is projected to occupy the major share of the market by 2020. Industrialization has accelerated urbanization in China through the migration of rural populations to urban areas and the development of towns into cities. As a result of steady economic growth, Chinese households experienced a continued increase in disposable income, which has contributed to the growth of construction demand. Moreover, the country's dense population and their increasing demand for sustainable constructions have compelled the construction glass industry to increase its production and bridge the gap between demand and supply. This has, in turn, given an opportunity to the construction glass sector to secure its position in the construction industry by meeting the rising demand for products.

The global construction glass market is marked with intense competition due to the presence of a large number of both, big and small firms. New product launches, mergers & acquisitions, and partnerships and expansions are the key strategies adopted by market players to ensure their growth in the market. Companies such as Asahi Glass (Japan), Guardian Industries (U.S.), PPG Industries (U.S.), Saint-Gobain S.A. (France), are some of the prominent companies in the construction glass market, comprising 70% of the total market share.

Contents:

1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Study Scope
1.3.1 Periodization Considered for Construction Glass Market
1.4 Currency
1.5 Package Size
1.6 Limitations
1.7 Stakeholders

2 Research Methodology
2.1 Introduction
2.1.1 Secondary Data
2.1.1.1 Key Data From Secondary Sources
2.1.2 Primary Data
2.1.2.1 Key Data From Primary Sources
2.1.2.2 Key Industry Insights
2.2 Factor Analysis
2.2.1 Introduction
2.2.2 Overview of the Parent Industry
2.2.3 Key Segments in the Construction Industry
2.2.4 Demand-Side Analysis
2.2.4.1 Rising Population
2.2.4.1.1 Increase in Middle-Class Population, 2009-2030
2.2.4.2 Developing Economies, GDP (Purchasing Power Parity), 2013
2.2.5 Supply-Side Analysis
2.2.5.1 Rating Systems for Buildings
6.2 Value Chain Analysis
6.3 Supply Chain Analysis
6.3.1 Prominent Companies
6.3.2 Small & Medium Enterprises
6.4 Industry Trends
6.5 Porter's Five Forces Analysis
6.5.1 Threat of New Entrants
6.5.2 Threat of Substitutes
6.5.3 Bargaining Power of Suppliers
6.5.4 Bargaining Power of Buyers
6.5.5 Intensity of Competitive Rivalry

7 Construction Glass Market, By Type
7.1 Introduction
7.1.1 Global Construction Glass Market is Expected To Grow at a CAGR of 7.08% in Terms of Value, 2015-2020
7.1.2 Low-E Glass Segment is Estimated To Grow at a CAGR of Around 6.93% in Terms of Volume, 2015-2020
7.2 Special Glass
7.3 Asia Pacific is the Lucrative Market for Special Glass, in Terms of Growth
7.3.1 Double Glazing Glass
7.3.2 Laminated Glass
7.3.3 Other Special Glasses
7.4 Low-Emissivity Glass
7.4.1 Need for Energy-Efficient Buildings Make the Segment One of the Major Ones in Construction Glass

8 Construction Glass Market, By Manufacturing Process
8.1 Introduction
8.1.1 Float Glass Process is Projected To Grow at a CAGR of Around 7.12% in Terms of Value, 2015-2020
8.2 Float Glass Process
8.2.1 Float Glass Process Accounted for 90% of Construction Glass Production in 2014
8.3 Rolled/Sheet Glass
8.3.1 Rolled/Sheet Glass Process is Estimated To Grow at a CAGR of 6.72% in Terms of Value, 2015-2020

9 Construction Glass Market, By Application
9.1 Introduction
9.1.1 Commercial Segment Will Grow at a Higher CAGR Due To Demand for Energy-Efficient Buildings and Need for Energy Saving
9.2 Residential
9.2.1 Residential Segment is Prominent User of Construction Glass Globally
9.3 Commercial
9.3.1 Commercial Sector is Projected To Grow at a CAGR of 7.68% in Terms of Value, 2015-2020
9.4 Others

10 Construction Glass Market, By Chemical Composition
10.1 Introduction
10.2 Soda-Lime Glass
10.2.1 Soda-Lime Glass Accounted for Around 90% of the Construction Glass in 2014
10.3 Potash-Lime Glass
10.3.1 Potash-Lime is Projected To Grow at a CAGR of Around 5.65% in Terms of Value, 2015-2020
10.4 Potash-Lead Glass
10.4.1 Potash-Lead Glass is Estimated To Grow at a CAGR of Around 6.10% in Terms of Value, 2015-2020

11 Construction Glass Market, By Region
11.1 Introduction
11.1.1 Regionwise (Global Construction Glass Market is Projected To Grow at a CAGR of 7.08% in Terms of Value, From 2015-2020
11.2 North America
11.2.1 U.S.
11.2.2 Canada
11.2.3 Mexico
11.3 Europe
11.3.1 Germany
11.3.2 France
11.3.3 Spain
11.3.4 U.K.
11.3.5 Belgium
11.3.6 Russia
11.3.7 Rest of Europe
11.4 Asia-Pacific
11.4.1 China
11.4.2 Japan
11.4.3 Australia
11.4.4 New Zealand
11.4.5 India
11.4.6 Rest of Asia-Pacific
11.5 Rest of the World (RoW)
11.5.1 Brazil
11.5.2 Saudi Arabia
11.5.3 UAE
11.5.4 Others

12 Competitive Landscape
12.1 Overview
12.2 Market Share Analysis: Construction Glass Market
12.2.1 Global Construction Glass Demand Met By Key Players
12.3 Competitive Situations & Trends
12.4 Battle for Market Share: New Product Launches Was the Key Strategy
12.4.1 New Product Launches
12.4.1.1 New Product Launch the Key Strategy for Companies Across the World
12.4.2 Partnerships, Agreements, and Joint Ventures
12.4.3 Investment & Expansion
12.4.3.1 Expansions Helped the Companies Increase Their Presence in the Market
12.4.4 Mergers & Acquisitions
12.4.5 Technological Advancements

13 Company Profiles
(Company at a Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments)*
13.1 Introduction
13.2 Asahi Glass
13.3 Central Glass Co. Ltd.
13.4 China Glass Holdings Limited
13.5 Guardian Industries
13.6 Nippon Sheet Glass (NSG)
13.7 PPG Industries
13.8 Saint-Gobain
13.9 Schott AG
13.10 Sisecam Group
13.11 Xinyi Glass Holdings Limited
*Details on Company at a Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments Might Not Be Captured in Case of Unlisted Companies.

14 Appendix
14.1 Insights of Industry Experts
14.2 Discussion Guide
14.3 Introducing RT: Real Time Market Intelligence
14.4 Available Customizations

List of Tables (83 Tables)
Table 1 Rising Demand of Construction of Residential and Commercial Buildings
Table 2 Environmental Regulations and Economic Downturn
Table 3 Demand for Green Building Material and Sustainable Construction is a Key Opportunity for the Market
Table 4 High Cost of Raw Materials and Fuels Used in Glass Manufacturing
Table 5 Construction Glass Market Size, By Type, 2013–2020 ($Million)
Table 6 Construction Glass Market Size, By Type, 2013-2020 (MT)
Table 7 Special Glass Market Size, By Region, 2013–2020 ($Million)
Table 8 Special Glass Market Size, By Region, 2013–2020 (MT)
Table 9 Special Glass Market Size, By Type, 2013–2020 ($Million)
Table 10 Special Glass Market Size, By Type, 2013–2020 (MT)
Table 11 Double Glazing Glass Market Size, By Region, 2013–2020 ($Million)
Table 12 Double Glazing Glass Market Size, By Region, 2013–2020 (MT)
Table 13 Laminated Glass Market Size, By Region, 2013–2020 ($Million)
Table 14 Laminated Glass Market Size, By Region, 2013–2020 (MT)
Table 15 Other Special Glasses Market Size, By Region, 2013–2020 ($Million)
Table 16 Other Special Glasses Market Size, By Region, 2013–2020 (MT)
Table 17 Low-E Glass Market Size, By Region, 2013–2020 ($Million)
Table 18 Low-E Glass Market Size, By Region, 2013–2020 (MT)
Table 19 Construction Glass Market Size, By Manufacturing Process, 2013–2020 ($Million)
Table 20 Construction Glass Market Size, By Manufacturing Process, 2013–2020 (Million Tons)
Table 21 Construction Glass in Float Process Market Size, By Region, 2013–2020 ($Million)
Table 22 Construction Glass in Float Process Market Size, By Region, 2013–2020 (MT)
Table 23 Construction Glass in Rolled/Sheet Process Market Size, By Region, 2013–2020 ($Million)
Table 24 Construction Glass in Rolled/Sheet Process Market Size, By Region, 2013–2020 (MT)
Table 25 Construction Glass Market Size, By Application, 2013–2020 ($Million)
Table 26 Construction Glass Market Size, By Application, 2013–2020 (MT)
Table 27 Construction Glass in Residential Market Size, By Region, 2013–2020 ($Million)
Table 28 Construction Glass in Residential Market Size, By Region, 2013–2020 (MT)
Table 29 Construction Glass in Commercial Market Size, By Region, 2013–2020 ($Million)
Table 30 Construction Glass in Commercial Market Size, By Region, 2013–2020 (MT)
Table 31 Others: Construction Glass Market Size, By Region, 2013–2020 ($Million)
Table 32 Others: Construction Glass Market Size, By Region, 2013–2020 (MT)
Table 33 Construction Glass Market Size, By Chemical Composition, 2013–2020 ($Million)
Table 34 Construction Glass Market Size, By Chemical Composition, 2013–2020 (MT)
Table 35 Soda-Lime: Construction Glass Market Size, By Region, 2013–2020 ($Million)
Table 36 Soda-Lime: Construction Glass Market Size, By Region, 2013–2020 (MT)
Table 37 Potash-Lime: Construction Glass Market Size, By Region, 2013–2020 ($Million)
Table 38 Potash-Lime: Construction Glass Market Size, By Region, 2013–2020 (MT)
Table 39 Potash-Lead: Construction Glass Market Size, By Region, 2013–2020 ($Million)
Table 40 Potash-Lead: Construction Glass Market Size, By Region, 2013–2020 (MT)
Table 41 Construction Glass Market Size, By Region, 2013–2020 ($Million)
Table 42 Construction Glass Market Size, By Region, 2013–2020 (MT)
Table 43 North America: Construction Glass Market Size, By Country, 2013–2020 ($Million)
Table 44 North America: Construction Glass Market Size, By Country, 2013–2020 (MT)
Table 45 North America: Low-E Glass Market Size, By Country, 2013–2020 ($Million)
Table 46 North America: Low-E Glass Market Size, By Country, 2013–2020 (MT)
Table 47 North America: Double Glazing Market Size, By Country, 2013–2020 ($Million)
Table 48 North America: Double Glazing Market Size, By Country, 2013–2020 (MT)
Table 49 North America: Laminated Glass Market Size, By Country, 2013–2020 ($Million)
Table 50 North America: Laminated Glass Market Size, By Country, 2013–2020 (MT)
Table 51 North America: Other Special Glass Market Size, By Country, 2013–2020 ($Million)
Table 52 North America: Other Special Glass Market Size, By Country, 2013–2020 (MT)
Table 53 Europe: Construction Glass Market Size, By Country, 2013–2020 ($Million)
Table 54 Europe: Construction Glass Market Size, By Country, 2013–2020 (MT)
Table 55 Europe: Low-E Glass Market Size, By Country, 2013–2020 ($Million)
Table 56 Europe: Low-E Glass Market Size, By Country, 2013–2020 (MT)
Table 57 Europe: Double Glazing Market Size, By Country, 2013–2020 ($Million)
Table 58 Europe: Double Glazing Market Size, By Country, 2013–2020 (MT)
Table 59 Europe: Laminated Glass Market Size, By Country, 2013–2020 ($Million)
Table 60 Europe: Laminated Glass Market Size, By Country, 2013–2020 (MT)
Table 61 Europe: Other Special Glass Market Size, By Country, 2013–2020 ($Million)
Table 62 Europe: Other Special Glass Market Size, By Country, 2013–2020 (MT)
Table 63 Asia-Pacific: Construction Glass Market Size, By Country, 2013–2020 ($Million)
Table 64 Asia-Pacific: Construction Glass Market Size, By Country, 2013–2020 (MT)
Table 65 Asia-Pacific: Low-E Glass Market Size, By Country, 2013–2020 ($Million)
Table 66 Asia-Pacific: Low-E Glass Market Size, By Country, 2013–2020 (MT)
Table 67 Asia-Pacific: Double Glazing Glass Market Size, By Country, 2013-2020 ($Million)
Table 68 Asia-Pacific: Double Glazing Glass Market Size, By Country, 2013-2020 (MT)
Table 69 Asia-Pacific: Laminated Glass Market Size, By Country, 2013-2020 ($Million)
Table 70 Asia-Pacific: Laminated Glass Market Size, By Country, 2013-2020 (MT)
Table 71 Asia-Pacific: Other Special Glass Market Size, By Country, 2013-2020 ($Million)
Table 72 Asia-Pacific: Other Special Glass Market Size, By Country, 2013-2020 (MT)
Table 73 RoW: Construction Glass Market Size, By Country, 2013-2020 ($Million)
Table 74 RoW: Construction Glass Market Size, By Country, 2013-2020 (MT)
Table 75 RoW: Low-E Glass Market Size, By Country, 2013-2020 ($Million)
Table 76 RoW: Low-E Glass Market Size, By Country, 2013-2020 (MT)
Table 77 RoW: Double Glazing Glass Market Size, By Country, 2013-2020 ($Million)
Table 78 RoW: Double Glazing Glass Market Size, By Country, 2013-2020 (MT)
Table 79 RoW: Laminated Glass Market Size, By Country, 2013-2020 ($Million)
Table 80 RoW: Laminated Glass Market Size, By Country, 2013-2020 (MT)
Table 81 RoW: Other Special Glass Market Size, By Country, 2013-2020 ($Million)
Table 82 RoW: Other Special Glass Market Size, By Country, 2013-2020 (MT)
Table 83 New Product Launches, 2011–2015

List of Figures (62 Figures)

Figure 1 Construction Glass Market, By Type
Figure 2 Research Design
Figure 3 Breakdown of Primaries - By Company Type, Designation & Region
Figure 4 Global Population is Expected To Reach ~9.5 Billion By 2050
Figure 5 Projected GDP Per Capita, By Region
Figure 6 Market Size Estimation Methodology: Bottom-Up Approach
Figure 7 Market Size Estimation Methodology: Top-Down Approach
Figure 8 Data Triangulation Methodology
Figure 9 Evolution of Construction Glass, Flat Glass Dominates the Market
Figure 10 Constructions Glass Market Snapshot (2014 vs. 2020): Asia-Pacific Market for Low-E Glass Projected To Grow at the Highest CAGR
Figure 11 China Was the Fastest-Growing Market for Construction Glass in 2014
Figure 12 New Product Launches Was the Key Strategy During 2010-2014
Figure 13 Emerging Economies Offer Attractive Opportunities in the Construction Glass Market
Figure 14 NSG Pilkington Displayed Highest Growth at 8.3% Between 2010-2013
Figure 15 China Captured Largest Market in Asia-Pacific Construction Glass Market in 2014
Figure 16 China is Projected To Be the Fastest-Growing Country-Level Market for Construction Glass
Figure 17 Low-E Glass Market is Expected To Grow From 2014-2020
Figure 18 Emerging Markets To Grow Faster Than Developed Markets Between 2014 and 2020
Figure 19 Figure 6: Asia-Pacific Construction Glass Market To Grow at the Highest Rate in 2014
Figure 20 The Construction Glass Market in Asia-Pacific Region is Experiencing High Growth During the Forecast Period
Figure 21 Low-E Glass Segment To Grow Rapidly From 2015 To 2020
Figure 22 Evolution of Construction Glass
Figure 23 Asia-Pacific Dominates the Construction Glass Industry
Figure 24 Figure 10: Construction Glass Segmentation
Figure 25 Growth in Construction Industry is the Key Driver of Construction Glass Market
Figure 26 Downstream Processing Adds Maximum Value To Glass Products
Figure 27 Aligning Raw Material Suppliers Enhances Supply Chain
Figure 28 Porter's Five Forces Analysis
Figure 29 Sources of Growth for Construction Glass Market Between 2014 & 2020
Figure 30 Construction Glass Market, By Region, Between 2015 vs. 2020 ($Million)
Figure 31 Construction Glass Market, By Type, 2015 & 2020 ($Million)
Figure 32 Growth of Construction Flat Glass, By Type, 2014 & 2020 ($Million)
Figure 33 Construction Glass Market Size, By Application, 2015 vs. 2020
Figure 34 Geographic Snapshot (2013): The Markets in Asia-Pacific Are Emerging as New Hotspots
Figure 35 Asia-Pacific Construction Glass Market Snapshot: China Was the Most Lucrative Market in 2014
Figure 36 Asia-Pacific Construction Glass Market Snapshot: China is Projected To Be the Global Leader Between 2015 & 2020
Figure 37 Rising Demand for Energy-Efficient Buildings Supporting Growth of Construction Glass Market in Asia-Pacific
Figure 38 Companies Adopted New Product Launches as the Key Growth Strategy From 2010 To 2013
Figure 39 Asahi Glass Grew at the Highest Rate Between 2010 & 2013
Figure 40 Construction Glass Market Share, By Key Player, 2013
Figure 41 New Product Launches Has Fueled Growth of Construction Glass Market
Figure 42 Battle for Market Share: New Product Launches Was the Key Strategy, 2011-2015
Figure 43 Geographic Revenue Mix of Top Five Market Players
Figure 44 Asahi Glass: Company Snapshot
Figure 45 Asahi Glass Co. Ltd.: SWOT Analysis
Figure 46 Central Glass Co., Ltd.: Company Snapshot
Figure 47 Central Glass Co. Ltd.: SWOT Analysis
Figure 48 China Glass Holdings Limited: Company Snapshot
Figure 49 China Glass Holdings Limited: SWOT Analysis
Figure 50 Guardian Industries: SWOT Analysis
Figure 51 Nippon Sheet Glass: Company Snapshot
Figure 52 Nippon Sheet Glass: SWOT Analysis
Figure 53 PPG Industries: Company Snapshot
Figure 54 PPG Industries: SWOT Analysis
Figure 55 Saint-Gobain: Company Snapshot
Figure 56 Saint-Gobain: SWOT Analysis
Figure 57 Schott AG: Company Snapshot
Figure 58 Schott AG: SWOT Analysis
Figure 59 Sisecam Group: Company Snapshot
Figure 60 Sisecam: SWOT Analysis
Figure 61 Xinyi Glass Holdings Ltd.: Company Snapshot
Figure 62 Xinyi Glass Holdings Limited: SWOT Analysis

Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Construction Glass Market by Type, Application, Manufacturing Process, Chemical Composition & by Geography - Global Forecast to 2020
Web Address: http://www.researchandmarkets.com/reports/3231043/
Office Code: SCD29EAR

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 7150</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 8500</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 9650</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 11000</td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ___________________________________________ Last Name: ___________________________________________
Email Address: * _______________________________________
Job Title: ___________________________________________
Organisation: _______________________________________
Address: ___________________________________________
City: _______________________________________________
Postal / Zip Code: ___________________________________
Country: ___________________________________________
Phone Number: ______________________________________
Fax Number: ________________________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:
Marketing Code: ________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World