

Float Glass: Market Research Report

<https://marketpublishers.com/r/FAA78AF2E30EN.html>

Date: January 2013

Pages: 450

Price: US\$ 4,500.00 (Single User License)

ID: FAA78AF2E30EN

Abstracts

This report analyzes the worldwide markets for Float Glass in Thousand Metric Tons by the following End-Use Segments: Construction (Residential, & Commercial), and Automotive (OE Glazing, & AGR (Automotive Glass Replacement)).

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Middle East, and Latin America.

Annual estimates and forecasts are provided for the period 2010 through 2018.

Also, a six-year historic analysis is provided for these markets.

The report profiles 109 companies including many key and niche players such as Asahi Glass Co., Ltd., AGC Glass Company North America, AGC Glass Europe, Asahi India Glass Ltd., PT Asahimas Flat Glass Tbk, Compagnie De Saint-Gobain, Saint-Gobain Glass India Ltd., Central Glass Co., Ltd., Carlex Glass Company, Guardian Industries Corp., Gujarat Guardian Limited, Nippon Sheet Glass Co., Ltd., Pilkington Group Limited, Trakya Cam Sanayii A.S., and Taiwan Glass Group.

Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based upon search engine sources in the public domain.

Contents

I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study

II. EXECUTIVE SUMMARY

1.INDUSTRY OVERVIEW

A Prelude
Developing Regions Power Ahead
Construction and Automotive Sectors Shape Demand Trends
Construction - The Major End-Use Segment
Automotive: Another Key Driving Market
Float Glass Production Scenario

Table 1. World Float Glass Market (2011): Annual Production Capacity by Major Regions - China, Europe, North America, Asian, South America and Japan (in Million Tons) (includes corresponding Graph/Chart)

Table 2. World Float Glass Market (2010-2012): Float Glass Capacity Utilization (%) in North America Europe and China (includes corresponding Graph/Chart)

Table 3. World Float Glass Market (2011): Percentage Breakdown of Production Capacity by Type- Float Glass, Rolled Glass and Sheet Glass (includes corresponding Graph/Chart)

Noteworthy Trends & Issues
Glazing Used for Styling and Differentiation of Automotives
Demand for Solar Control and Advanced Flat Glass in OEM Automotive Market
Automotive Glazing Market Consolidates
New Value-Added Products Revive Flat Glass Market
Innovative Frequency-Selective Solar Glazing Material

Need to Achieve Energy Efficiency Favors Float Glass Market

Plastics - Are They a Threat?

Recycling Flat Glass Waste into Paper

2.COMPETITIVE LANDSCAPE

A Highly Concentrated Market

Capacity Restructuring of Leading Players

Leading Players

Table 4. World Float Glass Market (2011): Percentage Breakdown of Annual Capacity by Leading Manufacturers - AGC, NSG Group, Saint-Gobain, Guardian, and Others (includes corresponding Graph/Chart)

Table 5. High Quality Float Glass Capacity (2011): Percentage Share Breakup by Leading Manufacturers - AGC, Saint-Gobain, NSG, Guardian, China Southern, Sisecam, PPG, Fu Yao and Others (includes corresponding Graph/Chart)

3.A BRIEF INSIGHT INTO KEY ECONOMIC INDICATORS

World Economy - A Key Growth Indicator

Economic Growth to Slow Down Amid Global Headwinds

Table 6. GDP Growth Trend Across Major Economies (2009-2013F) (includes corresponding Graph/Chart)

Downside Risks for the Euro Area

US: Heightened Policy Uncertainty Affects Recovery

Slowing Growth Momentum in Emerging Market Economies

Construction Industry: An Overview

Developing Markets to Drive Global Growth

Regional Perspective

The Americas

Asia-Pacific

Europe

European Sovereign Debt Crisis: A Cause of Concern

Middle East

Automotive Industry: A Review
Impact of Recession in Retrospect
Auto Industry Remains Upbeat Despite European Debt Fears
Strong Resurgence in Motor Vehicle Sales - A Favorable Factor
Going Ahead...
Motor Vehicle Industry: A Glance at Key Statistics

Table 7. Motor Vehicles in Operation by Country (2010): Percentage Share Breakdown for US, China, Japan, Brazil, India, and Others (includes corresponding Graph/Chart)

Table 8. Worldwide Motor Vehicle Production (2007-2011) (includes corresponding Graph/Chart)

Table 9. Leading Worldwide Producers of Motor Vehicles (2011): Ranked by Production Volume (in Million) (includes corresponding Graph/Chart)

Table 10. Worldwide Motor Vehicle Production (2011): Percentage Share Breakdown of Production Volume for Cars and Commercial Vehicles (includes corresponding Graph/Chart)

Table 11. Leading Cars Producing Countries (2011): Ranked by Production Volume (in Million) (includes corresponding Graph/Chart)

Table 12. Leading Commercial Vehicle Producing Countries (2011): Ranked by Production Volume (in Million) (includes corresponding Graph/Chart)

4.AN INTRODUCTION TO GLASS

Glass - What is It?
Primary Glass Types and Applications

Table 13. Glass Composition by Type

5.PRODUCT OVERVIEW

Float Glass: An Introduction
Manufacturing Stages of Float Glass

Table 14. Float Glass Composition: Percentage Share Breakdown by Major Raw Materials - Silica Sand, Recycled Glass, Soda Ash, Dolomite, Limestone and Sodium Sulfate (includes corresponding Graph/Chart)

A Glance at the Float Glass Value Chain
Economics of Float Glass Production

Table 15. Float Glass Production Costs (2011): Percentage Share Breakdown by Cost Components - Raw Materials, Energy, Prime Labor, Overheads, Transport Depreciation and Others (includes corresponding Graph/Chart)

Types of Float Glass
Raw Materials - A Brief Study

6.A REVIEW OF END-USE MARKETS

Construction: A Major End-Use Market
Building Products Market

Table 16. Global Building Products Flat Glass Market by Sector (2012E): Percentage Share Breakdown by Sector - New Build, Refurbishment and Interiors (Volume Share) (includes corresponding Graph/Chart)

Rising Demand for Energy Efficient Windows
Self-Cleaning Glass
Automotive Sector
End-Use Sectors
OEM Applications
Automotive Glass Replacement (AGR)
Types of Automotive Glazing
Solar Control Glazing
Laminated Sideglazings
Integrated Antennas
Design Requirements
Toughened and Laminated Glazing Parameters - A Comparison

Product Parameters for Toughened and Laminated Glazings
Laminated Windshields - Process Parameters
Toughened Glazing - Process Parameters
Features for Future

7.REGULATORY ENVIRONMENT

Stringent Production Standards in the US
Maximum Allowable Contaminant Levels in Float Cullet
Safety Glazing Legislations
BS Codes
Building Regulations

8.RECENT INDUSTRY ACTIVITY

AGC Glass Europe Takes Over Stake in Interpane
Saint-Gobain to Sell Stake in Flovetro
Luoyang Glass Inks Service Agreement with CTIEC
Emirates Glass Launches New Coating Line
AGC to Reopen G1 Float Line
Sezal Glass Sells Float Glass Business to Saint-Gobain Glass India
Praxair Rus, Guardian Industries Ink Agreement
Carlex Purchases Float Glass Plant from Zeledyne
AGC Develops Ultra-Thin Sheet Glass Using Float Technique
NSG Group's Subsidiary Commences Construction of New Factories
AGC to Set Up Glass Complex in Brazil
Guardian to Set-Up a New Float Glass Plant in Russia
Vidrios Lirquen Recommences Float Glass Production
AGC Resumes Production of Architectural Glass at Kashima Plant
HNG Commences Construction of Largest Greenfield Glass Manufacturing Complex in South Eastern Asia
Saint-Gobain and NSG to Construct New Float Glass Manufacturing Line in Argentina
Harsha Glass to Commence Construction of Float Glass Facility in Tamil Nadu
China National Building Material Group to Acquire Shares in Luoyang Glass
Praxair China and Beijing Jin Jing Solar Materials Ink Contract
Indevco Establishes Float Glass Manufacturing Facility in Vietnam
SAGL Establishes Glass Production Facility in India
Jiangsu Pilkington and SYP Glass Commissions New Coating Line
Saint-Gobain, NSG to Jointly Set Up New Plant in Brazil

EFG's Float Glass Products Receive CE Mark Certification

9.CORPORATE DEVELOPMENTS IN THE RECENT PAST - A HISTORIC PERSPECTIVE BUILDER

HNG Group Establishes Float Glass Facility

Obeikan Glass to Establish Float Glass Facility in Saudi Arabia

Saint-Gobain to Establish Float Glass Facility in Egypt

OAQ Gomelsteklo to Unveil New Float Glass Line

Luoyang Glass Company to Acquire Stakes in Longhao, Longhai and Longfei

Egyptian Kuwaiti Holding Company Divests Stake in Egyptian Glass Company

AGC Flat Glass Units to be Merged

Emirates Float Glass Inks Deal with Subsidiaries of Glass LLC

Emirates Float Glass Commences Commercial Operations at Abu Dhabi Plant

Sisecam Signs Agreement with Saint-Gobain

PT Asahimas to Establish New CVD Plant

Qibin Glass Commences Project on Float Glass

LG Signs Deal with Schott AG

EFG Signs Agreement with PPG

Azizia Glass Manufacturing Establishes Glass Factory in Libya

Raya Enters into Joint Venture with Interpane

Henry F Teichmann Signs Contracts with AVIC

China-Africa Development Fund Sponsors Ethiopia's First Glass Facility

Guardian Industries Unveils EcoGuard® Float Glass Line

Dubai Group Snaps Up Minority Interest in Sphinx Glass Company

Guardian RAK Plant at Al Jazeera Al Hamra Formally Inaugurated

Beneq to Collaborate With AGC FLAT GLASS Europe

Saint-Gobain Glass India to Establish Float Glass Facility in Rajasthan

Emirates Float Glass to Establish Plant in Abu Dhabi

Saint-Gobain to Establish Third Flat Glass Production Line in India

Guardian Industries to Establish New Float Glass Facility in Brazil

Fives Stein Enters Into Partnership With Beneq

Guardian Inaugurates a New Float Glass Plant at UAE

Asahi to Close Sheet Glass Plants in North American Region

SAGL to Establish New Glass Plant in Gujarat

Promtekhinvest to Construct New Float Glass Plant

Dagestan to Establish New Glass Plant

AGC Commences Construction of Second Glass Plant in Russia

Flat Glass to Acquire Minority Interest in Burnbridge Glass

Saint-Gobain to Establish New Plant in India
Guardian to Establish Glass Plants in Brazil
Carlyle to Buy Majority Stake in Joint Venture
Trakya Cam to Establish Glass Plant
Mena Glass to Establish New Glass Plant
Tunisian Mrabeti Signs Deal with Czech Businessmen
Harsha Signs MOU with State Government for Establishment of Float Glass Facility
Chinese Company Signs Pact with Russia's Ilmenit Tugansk Mining and Enrichment Plant
Major Industries Inks Agreement to Acquire Oldcastle Glass
Kohlberg Acquires PPG Industries' Automotive Glass & Services business
FLABEG Holding GmbH Takes Over Naugatuck Glass
Nevstar Purchases Dollar Come
PPG Inks Partnership Deed with Walker Glass
Guardian Unveils CrystalGray™ Float GLASS Substrate Product Line

10.FOCUS ON SELECT PLAYERS

Asahi Glass Co., Ltd. (Japan)
AGC Glass Company North America (USA)
AGC Glass Europe (Belgium)
Asahi India Glass Ltd (India)
PT Asahimas Flat Glass Tbk (Indonesia)
Compagnie De Saint-Gobain (France)
Saint-Gobain Glass India Ltd (India)
Product Portfolio of Saint-Gobain Glass India
Central Glass Co., Ltd. (Japan)
Carlex Glass Company (USA)
Guardian Industries Corp. (USA)
Gujarat Guardian Limited (India)
Nippon Sheet Glass Co., Ltd. (Japan)
Pilkington Group Limited (UK)
Trakya Cam Sanayii A.S. (Turkey)
Taiwan Glass Group (Taiwan)

11.GLOBAL MARKET PERSPECTIVE

Table 17. World Recent Past, Current and Future Analysis for Float Glass by

Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 18. World Historic Review for Float Glass by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 19. World 15-Year Perspective for Float Glass by Geographic Region - Percentage Breakdown of Volume Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

Float Glass Market by End-Use Segment

Table 20. World Recent Past, Current and Future Analysis for Float Glass in Construction Sector by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 21. World Historic Review for Float Glass in Construction Sector by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 22. World 15-Year Perspective for Float Glass in Construction Sector by Geographic Region - Percentage Breakdown of Volume Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

Table 23. World Recent Past, Current and Future Analysis for Float Glass in Construction Sector by Segment - Residential Construction and Commercial Construction Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding

Graph/Chart)

Table 24. World Historic Review for Float Glass in Construction Sector by Segment- Residential Construction and Commercial Construction Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 25. World 15-Year Perspective for Float Glass in Construction Sector by Segment - Percentage Breakdown of Volume Consumption for Residential Construction and Commercial Construction Markets with Annual Consumption Figures in Thousand Metric Tons for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

Table 26. World Recent Past, Current and Future Analysis for Float Glass in Construction Sector (Residential) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 27. World Historic Review for Float Glass in Construction Sector (Residential) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 28. World 15-Year Perspective for Float Glass in Construction Sector (Residential) by Geographic Region - Percentage Breakdown of Volume Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

Table 29. World Recent Past, Current and Future Analysis for Float Glass in Construction Sector (Commercial) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 30. World Historic Review for Float Glass in Construction Sector (Commercial) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes

corresponding Graph/Chart)

Table 31. World 15-Year Perspective for Float Glass in Construction Sector (Commercial) by Geographic Region - Percentage Breakdown of Volume Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

Table 32. World Recent Past, Current and Future Analysis for Float Glass in Automotive Sector by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 33. World Historic Review for Float Glass in Automotive Sector by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 34. World 15-Year Perspective for Float Glass in Automotive Sector by Geographic Region - Percentage Breakdown of Volume Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

Table 35. World Recent Past, Current and Future Analysis for Float Glass in Automotive Sector by Segment - OE Glazing and AGR Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 36. World Historic Review for Float Glass in Automotive Sector by Segment- OE Glazing and AGR Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 37. World 15-Year Perspective for Float Glass in Automotive Sector by Segment- Percentage Breakdown of Volume Consumption for OE Glazing and AGR Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

Table 38. World Recent Past, Current and Future Analysis for Float Glass in

Automotive Sector (OE Glazing) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 39. World Historic Review for Float Glass in Automotive Sector (OE Glazing) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 40. World 15-Year Perspective for Float Glass in Automotive Sector (OE Glazing) by Geographic Region - Percentage Breakdown of Volume Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

Table 41. World Recent Past, Current and Future Analysis for Float Glass in Automotive Sector (AGR) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 42. World Historic Review for Float Glass in Automotive Sector (AGR) by Geographic Region - US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 43. World 15-Year Perspective for Float Glass in Automotive Sector (AGR) by Geographic Region - Percentage Breakdown of Volume Consumption for US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Middle East and Latin American Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

III. MARKET

1.THE UNITED STATES

A. Market Analysis Outlook

Construction: Mainstay of Float Glass Market
A Brief Insight into the US Construction Industry
US Housing Market Has Bottomed Out, But Still Sluggish

Table 44. Residential Construction in the US (2008-2013): Number of Housing Starts by Type - Single-Family Units and Multi-Family Units (In '000s) (includes corresponding Graph/Chart)

Table 45. Number of Building Permits in the US (2008- 2013) (In '000s) (includes corresponding Graph/Chart)

Automotive Industry: A Major End-Use Market
Consumption of Advanced Flat Glass Gains Momentum
A Peek into the New Energy Codes
Competitive Structure

Table 46. North American Float Glass Production (2011): Percentage Share Breakdown of Annual Capacity by Major Players - Guardian, PPG Industries, NSG, AGC and Others (includes corresponding Graph/Chart)

Strategic Corporate Developments
Key Players
B. Market Analytics

Table 47. US Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 48. US Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 49. US 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and

Automotive (OE Glazing and AGR Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

2.CANADA

A. Market Analysis

Outlook

Commercial Construction Sector

Construction Market: An Insight

Table 50. Housing Starts in Canada (2007-2013): Breakdown of Number of Housing Starts in '000s (includes corresponding Graph/Chart)

B. Market Analytics

Table 51. Canadian Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 52. Canadian Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 53. Canadian 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

3.JAPAN

A. Market Analysis

Outlook

Float Glass Demand: Close Relation with Building Starts

Table 54. Annual Housing Construction Starts in Japan (2008-2013) (includes corresponding Graph/Chart)

Competitive Overview

Table 55. Japanese Float Glass Market (2010): Percentage Share Breakdown of Production Capacity by Leading Players- Asahi Glass, NSG, Central Glass and Others (includes corresponding Graph/Chart)

Table 56. Japanese Automotive Glass Market (2010): Percentage Share Breakdown of Production Capacity by Leading Players-Asahi Glass, NSG, Central Glass and Others (includes corresponding Graph/Chart)

Strategic Corporate Developments

Key Players

B. Market Analytics

Table 57. Japanese Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 58. Japanese Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 59. Japanese 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

4.EUROPE

A. Market Analysis

Float Glass Market: An Overview

Table 60. European Float Glass Market (2011): Percentage Share Breakdown of Production Capacity by Leading Players- Saint Gobain, AGC, NSG, Sisecam, Guardian and Others (includes corresponding Graph/Chart)

Building Sector

Energy Efficiency to Drive Growth

Legislation and Safety Concerns Result in Enriched Product Mix

Construction Industry - An Insight

Table 61. Construction Industry in Europe (2010, 2011 & 2012): Percentage Change of Construction Output by Segment (includes corresponding Graph/Chart)

Regulations Governing Construction Industry

Europe's Struggling Auto Sector: A Threat to Float Glass

B. Market Analytics

Table 62. European Recent Past, Current and Future Analysis for Float Glass by Geographic Region - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 63. European Historic Review for Float Glass by Geographic Region - France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 64. European 15-Year Perspective for Float Glass by Geographic Region - Percentage Breakdown of Volume Consumption for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

Table 65. European Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in

Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 66. European Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 67. European 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

4A.FRANCE

A. Market Analysis

Outlook

Compagnie De Saint-Gobain - A Key Player

B. Market Analytics

Table 68. French Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 69. French Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 70. French 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

4B.GERMANY

A. Market Analysis

Outlook

Strategic Corporate Developments

B. Market Analytics

Table 71. German Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 72. German Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 73. German 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

4C.ITALY

A. Market Analysis

Outlook

Challenging Times for Construction Industry

Strategic Corporate Developments

B. Market Analytics

Table 74. Italian Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 75. Italian Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 76. Italian 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

4D.THE UNITED KINGDOM

A. Market Analysis

Outlook

Construction Industry in the UK - An Overview

Table 77. Residential Construction in the UK (2007-2012E): Number of Housing Starts in '000 Units (includes corresponding Graph/Chart)

Regulatory Environment

New Car Security Rating Scheme (NCSR)

Implications of Safety Glazing Legislations

BS Codes

Building Regulations

Pilkington Group Limited - A Key Player

B. Market Analytics

Table 78. UK Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 79. UK Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 80. UK 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

4E.SPAIN

A. Market Analysis

Outlook

Impact of Eurocrisis: Spain's Construction Takes the Biggest Blow

B. Market Analytics

Table 81. Spanish Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 82. Spanish Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 83. Spanish 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

4F.RUSSIA

A. Market Analysis

Outlook

A Burgeoning Market

Construction Sector - A Brief Overview

Strong Growth in Auto Industry: Opportunities for Float Glass Makers

Strategic Corporate Developments

B. Market Analytics

Table 84. Russian Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding

Graph/Chart)

Table 85. Russian Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 86. Russian 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

4G.REST OF EUROPE

A. Market Analysis

Outlook

Key Players

B. Market Analytics

Table 87. Rest of Europe Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 88. Rest of Europe Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 89. Rest of Europe 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

5.ASIA-PACIFIC

A. Market Analysis

Outlook

Favorable Prospects for Flat Glass Market

Competition

Table 90. Asian Float Glass Market (2011): Percentage Share Breakdown of Production Capacities by Company - AGC, NSG, Multiglass, Guardian and Others (includes corresponding Graph/Chart)

B. Market Analytics

Table 91. Asia-Pacific Recent Past, Current and Future Analysis for Float Glass by Geographic Region - China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 92. Asia-Pacific Historic Review for Float Glass by Geographic Region - China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 93. Asia-Pacific 15-Year Perspective for Float Glass by Geographic Region - Percentage Breakdown of Volume Consumption for China and Rest of Asia-Pacific Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

Table 94. Asia-Pacific Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 95. Asia-Pacific Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 96. Asia-Pacific 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and

Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

5A.CHINA

A. Market Analysis

A Major Float Glass Market

Rising Production Capabilities of Chinese Manufacturers

Table 97. China High-Quality Float Glass Market (2010): Percentage Share Breakdown of Production Capacity by Company - Taiwan Glass, China Southern, Xinyi, Fu Yao, AGC, Saint-Gobain, and Others (includes corresponding Graph/Chart)

Construction Sector - A Major End User

Residential Construction Sector in China

Economic Uncertainty Affects Automotive Industry Growth

Challenges Confronting the Market

Strategic Corporate Developments

Zhejiang Glass Company Limited - A Key Player

B. Market Analytics

Table 98. Chinese Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 99. Chinese Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 100. Chinese 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

5B.REST OF ASIA-PACIFIC

A. Market Analysis

Outlook

India

A High Potential Market

Architectural & Automotive Sectors: Primary End-Use Markets

Indian Companies Face Stiff Challenge from Asian Manufacturers

Leading Manufacturers Look to Expand Capacity

Table 101. Indian Glass Market (2011): Percentage Breakdown of Production Capacity by Type of Glass - Float Glass and Sheet Glass (includes corresponding Graph/Chart)

Leading Players

Table 102. Leading Manufacturers of Float Glass in India (2010): Percentage Share Breakdown of Daily Production Capacity for Saint-Gobain Glass India, Asahi India Glass, Gujarat Guardian, H.N.G Float Glass, Sejal Architectural Glass, and Others (includes corresponding Graph/Chart)

Table 103. Leading Players in the Indian Float Glass Market (2010): Percentage Share Breakdown of Volume Sales for Saint-Gobain Glass India, Asahi India Glass, Gujarat Guardian, and Gold Plus Float Glass Industry (includes corresponding Graph/Chart)

Strategic Corporate Developments

Key Players

B. Market Analytics

Table 104. Rest of Asia-Pacific Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 105. Rest of Asia-Pacific Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR)

Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 106. Rest of Asia-Pacific 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

6.THE MIDDLE EAST

A. Market Analysis

Outlook

Construction Industry Trends in the Middle East: An Insight
Strategic Corporate Developments

B. Market Analytics

Table 107. Middle East Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 108. Middle East Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 109. Middle East 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

7.LATIN AMERICA

A. Market Analysis

Outlook

Surging Construction Spends in Latin America: Prospects for Glass Makers
Automotive Market: A Promising Sector

Brazil

Leading Players

Table 110. South American Float Glass Market (2011): Percentage Share Breakdown of Annual Capacity by Major Players - NSG Group, Guardian, Saint-Gobain and Others (includes corresponding Graph/Chart)

Strategic Corporate Developments

Cebrace Cristal Plano Ltda. (Brazil) - A Key Player

B. Market Analytics

Table 111. Latin America Recent Past, Current and Future Analysis for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2010 through 2018 (includes corresponding Graph/Chart)

Table 112. Latin America Historic Review for Float Glass by End-Use Segment - Construction (Residential and Commercial) and Automotive (OE Glazing and AGR) Markets Independently Analyzed with Annual Consumption Figures in Thousand Metric Tons for Years 2004 through 2009 (includes corresponding Graph/Chart)

Table 113. Latin America 15-Year Perspective for Float Glass by End-Use Segment - Percentage Breakdown of Volume Consumption for Construction (Residential and Commercial), and Automotive (OE Glazing and AGR) Markets for Years 2004, 2012 & 2018 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 109 (including Divisions/Subsidiaries - 162)

The United States (8)

Canada (1)

Japan (5)

Europe (73)

- France (9)

- Germany (18)

- The United Kingdom (9)

- Italy (5)
- Spain (5)
- Rest of Europe (27)
- Asia-Pacific (Excluding Japan) (62)
- Latin America (3)
- Africa (3)
- Middle-East (7)

I would like to order

Product name: Float Glass: Market Research Report

Product link: <https://marketpublishers.com/r/FAA78AF2E30EN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/FAA78AF2E30EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970