Geosynthetics - Global Strategic Business Report

Description: This report analyzes the worldwide markets for Geosynthetics in Million Square Meters by the following Product Types: Geomembranes, Geotextiles, and Others. The report also analyzes the Global market by the following Application Sectors: Construction, Ecological, Roads & Infrastructure, and Others.

The US market is further analyzed by the following Application Types: Ground Stabilization & Reinforcement, Containment, Drainage, and Others. The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World. Annual estimates and forecasts are provided for the period 2014 through 2020.

Also, a seven-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research. Company profiles are primarily based on public domain information including company URLs.

The report profiles 104 companies including many key and niche players such as:

- Agru America, Inc.
- CETCO
- Fibertex Nonwovens A/S
- GSE Environmental, Inc.
- Hanes Geo Components

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
   1. Geomembranes
   2. Geotextiles
   3. Other Geosynthetics

II. EXECUTIVE SUMMARY
   1. MARKET OVERVIEW
      Preface
      Outlook
      Market Drivers in a Gist
      Geosynthetics Applications
      List of Major Applications of Geosynthetics
      Competitive Scenario
      Table 1: Leading Players in the Global Geosynthetics Market (2013): Percentage Share Breakdown of Sales for GSE Environmental, Low & Bonar, NAUE GmbH, Officine Maccaferri, Royal Ten Cate, and Others (includes corresponding Graph/Chart)
      Recession & Beyond
      2009-2012 Europe Debt Crisis in Retrospect
      Global Economic Growth to Remain Subdued in 2015
      Table 2: World GDP (2013-2016): Breakdown of Percentage GDP Growth by Select Country (includes corresponding Graph/Chart)
      Regulatory Arena
      List of Select Standards for Geosynthetics Worldwide
      Geotextiles
      A Major Segment of Geosynthetics
      Table 3: Global Geotextiles Market (2014E): Percentage Share Breakdown of Volume Sales by End-Use
Application for Drainage, Erosion Control, Road Construction and Others (includes corresponding Graph/Chart)

Road Construction
A Major End-Use for Nonwoven Geotextile
Vendors Focus on Research and Development
Geomembranes
The Fastest Growing Segment

2. MARKET TRENDS & DRIVERS
Developing Markets Promise Lucrative Potential
Table 4: Growth of Developing Markets Vis-à-Vis Developed Regions (includes corresponding Graph/Chart)
Increasing Prominence of Geosynthetics in Economic and Environmental Sustainability
Surging Waste and Water Management Applications Drive Demand for Geomembranes
Table 5: Total Population Worldwide by Urban and Rural Population in Thousands: 1950-2050P (includes corresponding Graph/Chart)
Table 6: Percentage of Urban Population in Select Countries (2014 & 2050) (includes corresponding Graph/Chart)
Focus on Innovation Steers Growth
Geosynthetics Move into Energy Sector
Jute Geo-textiles
A Potential New Application of Jute Fiber
Rise in Demand for Coir Geotextiles
Use of Geosynthetics in Green Roofs Gains Momentum
Geocomposite Drains Bringing a Paradigm Shift in the Green Roofs Technology
Demand for Geosynthetic Materials Witnesses an Upward Momentum
Submerged Breakwaters to Tackle Beach Erosion
Increasing Use of Geogrids in Railway and Road Applications
Rising Raw Material Costs Affect Geotextiles and Geogrid Markets
Emerging Trends in Techtextil Technologies
Technical Textiles vs. Geotextiles
Comparison of Product Focus, Lifespan Quality Standards, Properties and Application of Geo-Textiles and Technical Textiles

3. PRODUCT OVERVIEW
Geosynthetics: An Introduction
Historical Perspective
Categories of Geosynthetics
Geomembranes
Geotextiles
Nonwoven Geotextiles
Woven Geotextiles
Geonets
Geofoam
Geogrids
Geosynthetic Clay Liners
Geocells
Geocomposites
Geotextile-Geonet Composites
Geotextile-Geomembrane Composite
Geomembrane-Geogrid Composites
Geotextile-Geogrid Composite
Geotextile-Polymer Core Composite
Applications of Geosynthetics
Containment
Separation
Reinforcement
Drainage
Filtration
Benefits of Using Geosynthetics
Drawbacks
Geosynthetics: Areas for Consideration
Biological and Chemical Resistance
Mechanical-Damage Resistance
4. PRODUCT DEVELOPMENTS/LAUNCHES

- Presto Introduces New Construction Mat
- Layfield Introduces a Fire Retardant Geomembrane
- Huesker Launches Tektoseal® GCLs
- GSE Introduces High Temperature Polyethylene Geomembrane
- BMC Gulf Unveils Agru-Superflex-el
- Propex Extends Product Portfolio with addition of GRIDPRO™
- ADS Adds 11 Geogrid Products
- Karl Mayer Malimo Introduces New Geogrids

5. RECENT INDUSTRY ACTIVITY

- Butyl Products Group Acquires Landline
- Raven Industries Takes Over Integra Plastics
- Hanes Takes Over ERO-TEX
- Minerals Technologies Acquires AMCOL International
- GSE Signs Agreement with Tenax Group
- Wrekfield Products Enters into Agreement with H&B Group
- Layfield Receives Distribution Rights for E'GRID Biaxial Geogrids
- GTI Opens South American Office
- Alliance Geosynthetics Sets Ups New Warehouse and Distribution Facility
- Nehemiah Forms Neusynthetics Sdn Bhd
- GSE Environmental Begins Expansion
- Mattex Geosynthetics Invests in Saudi and UAE Production Facilities
- Layfield Commissions GeoFab 5X Production Line
- Fiberweb Acquires Terram India
- Hanes Geo Components Takes Over A&R Geosynthetics
- Polymer Group Acquires Fiberweb
- Strata Systems Acquires Stake in Geo Solucões
- Tetra Tech Takes Over American Environmental Group
- GSE Acquires SynTec
- Propex Operating Company Aims at Consolidation
- AMCOL International Corporation Gets Lining Supply Contract
- Burke Industries and Layfield Environmental Systems Distribute CSPE Products
- GSE Holding Starts New Production Unit in China
- TenCate Supplies Geosynthetic Material for the Highest Wind Turbine
- Agru America Takes Over Performance Fabrics & Fibers' Assets
- GSE Purchases Poly-Flex equipment
- BrandExtract Teams up with GSE Environmental to Launch Novel Brand Identity
- TenCate Geosynthetics' and AGT Ink Letter of Intent
- Tensar Extends Georgia Plant
- Agru Announces Capacity Expansion Plans of Company's Facilities
- TenCate Geosynthetic Americas Bags Patent Geoport

6. FOCUS ON SELECT PLAYERS

- Agru America, Inc. (US)
- CETCO (US)
- Fibertex Nonwovens A/S (Denmark)
- GSE Environmental, Inc. (US)
- Hanes Geo Components (US)
- Low & Bonar PLC (Scotland)
- Bonar Technical Fabrics (Belgium)
- Mattex Geosynthetics (Saudi Arabia)
- NAUE GmbH & Co. KG (Germany)
- Officine Maccaferri Spa (Italy)
- Polymer Group Inc. (US)
- Propex Operating Company, LLC (US)
- Raven Industries, Inc. (US)
Reliance Industries Limited (India)
Royal TenCate NV (Netherlands)
TenCate Geosynthetics Americas (US)
Tenax Corporation (US)
Tensar International Corporation, Inc. (US)
Thrace-LINQ, Inc. (US)

7. GLOBAL MARKET PERSPECTIVE

Table 7: World Recent Past, Current & Future Analysis for Geosynthetics by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed
with Annual Sales Figures in Million Square Meters for Years 2014 through 2020 (includes corresponding
Graph/Chart)

Table 8: World Historic Review for Geosynthetics by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed
with Annual Sales Figures in Million Square Meters for Years 2007 through 2013 (includes corresponding
Graph/Chart)

Table 9: World 14-Year Perspective for Geosynthetics by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest
of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

Table 10: World Recent Past, Current & Future Analysis for Geomembranes by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed
with Annual Sales Figures in Million Square Meters for Years 2014 through 2020 (includes corresponding
Graph/Chart)

Table 11: World Historic Review for Geomembranes by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed
with Annual Sales Figures in Million Square Meters for Years 2007 through 2013 (includes corresponding
Graph/Chart)

Table 12: World 14-Year Perspective for Geomembranes by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest
of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

Table 13: World Recent Past, Current & Future Analysis for Geotextiles by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed
with Annual Sales Figures in Million Square Meters for Years 2014 through 2020 (includes corresponding
Graph/Chart)

Table 14: World Historic Review for Geotextiles by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed
with Annual Sales Figures in Million Square Meters for Years 2007 through 2013 (includes corresponding
Graph/Chart)

Table 15: World 14-Year Perspective for Geotextiles by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest
of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

Table 16: World Recent Past, Current & Future Analysis for Other Geosynthetics by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed
with Annual Sales Figures in Million Square Meters for Years 2014 through 2020 (includes corresponding
Graph/Chart)

Table 17: World Historic Review for Other Geosynthetics by Geographic Region
US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest of World Markets Independently Analyzed
with Annual Sales Figures in Million Square Meters for Years 2007 through 2013 (includes corresponding
Graph/Chart)

Table 18: World 14-Year Perspective for Other Geosynthetics by Geographic Region
Percentage Breakdown of Volume Sales for US, Canada, Japan, Europe, Asia-Pacific, Latin America and Rest
of World Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

Table 19: World Recent Past, Current & Future Analysis for Geosynthetics by Application
Construction, Ecological, Roads & Infrastructure, and Other Application Markets Independently Analyzed
with Annual Sales Figures in Million Square Meters for Years 2014 through 2020 (includes corresponding
Graph/Chart)

Table 20: World Historic Review for Geosynthetics by Application
Construction, Ecological, Roads & Infrastructure, and Other Application Markets Independently Analyzed
with Annual Sales Figures in Million Square Meters for Years 2007 through 2013 (includes corresponding
Graph/Chart)

Table 21: World 14-Year Perspective for Geosynthetics by Application
Percentage Breakdown of Volume Sales for Construction, Ecological, Roads & Infrastructure, and Other
Application Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
III. MARKET

1. THE UNITED STATES
A. Market Analysis
   Outlook
   Economic Slowdown Hits Industry Performance
   Major Geosynthetic Markets
   Military
   Construction
   Transportation
   Landfill
   Key Statistics
   Table 22: Major Players in US Geosynthetics Market (2013): Percentage Share Breakdown of Value Sales for GSE Environmental, Hanes Geo Components, Propex, Raven Industries, TenCate Geosynthetics, Tensar, and Others (includes corresponding Graph/Chart)
   Table 23: Geosynthetics Market in Southern US by Region (2013): Percentage Share Breakdown of Volume Sales for EastSouth Central, South Atlantic, and WestSouth Central (includes corresponding Graph/Chart)
   Table 24: Geosynthetics Market in Southern US by End-Use Application (2013)
   Percentage Share Breakdown of Volume Sales for Construction, Landfills, Liquid Containment, Transportation Infrastructure, and Other Markets (includes corresponding Graph/Chart)
   Product Launches
   Strategic Corporate Developments
   Key Players
   B. Market Analytics
   Table 25: US Recent Past, Current & Future Analysis for Geosynthetics by Product Type
   Geomembranes, Geotextiles (Non-Woven and Woven) and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
   Table 26: US Historic Review for Geosynthetics by Product Type
   Geomembranes, Geotextiles (Non-Woven and Woven) and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
   Table 27: US 14-Year Perspective for Geosynthetics by Product Type
   Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles (Non-Woven and Woven) and Other Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
   Table 28: US Recent Past, Current & Future Analysis for Geosynthetics by Application
   Ground Stabilization & Reinforcement, Containment, Drainage and Other Application Markets Independently Analyzed with Annual Sales Figures in US$ Million for Years 2014 through 2020 (includes corresponding Graph/Chart)
   Table 29: US Historic Review for Geosynthetics by Application
   Ground Stabilization & Reinforcement, Containment, Drainage and Other Application Markets Independently Analyzed with Annual Sales Figures in US$ Million for Years 2007 through 2013 (includes corresponding Graph/Chart)
   Table 30: US 14-Year Perspective for Geosynthetics by Application
   Percentage Breakdown of Dollar Sales for Ground Stabilization & Reinforcement, Containment, Drainage and Other Application Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

2. CANADA
A. Market Analysis
   Outlook
   Product Launch
   Strategic Corporate Developments
   B. Market Analytics
   Table 31: Canadian Recent Past, Current & Future Analysis for Geosynthetics by Product Type
   Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
   Table 32: Canadian Historic Review for Geosynthetics by Product Type
   Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
   Table 33: Canadian 14-Year Perspective for Geosynthetics by Product Type
   Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
3. JAPAN
Market Analysis
Table 34: Japanese Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in
Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 35: Japanese Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in
Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 36: Japanese 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007,
2015 & 2020 (includes corresponding Graph/Chart)

4. EUROPE
Market Analysis
Table 37: European Recent Past, Current & Future Analysis for Geosynthetics by Geographic Region
France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual
Sales Figures in Thousand Square Meters for Years 2014 through 2020 (includes corresponding
Graph/Chart)
Table 38: European Historic Review for Geosynthetics by Geographic Region
France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets Independently Analyzed with Annual
Sales Figures in Thousand Square Meters for Years 2007 through 2013 (includes corresponding
Graph/Chart)
Table 39: European 14-Year Perspective for Geosynthetics by Geographic Region: Percentage Breakdown of
Volume Sales for France, Germany, Italy, UK, Spain, Russia and Rest of Europe Markets for Years 2007, 2015
& 2020 (includes corresponding Graph/Chart)
Table 40: European Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in
Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 41: European Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in
Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 42: European 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007,
2015 & 2020 (includes corresponding Graph/Chart)

4a. FRANCE
Market Analysis
Table 43: French Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in
Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 44: French Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in
Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 45: French 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007,
2015 & 2020 (includes corresponding Graph/Chart)

4b. GERMANY
A. Market Analysis
Outlook
Product Launches
NAUE GmbH & Co. KG
A Leading German Player
B. Market Analytics
Table 46: German Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in
Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 47: German Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in
Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 48: German 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007,
2015 & 2020 (includes corresponding Graph/Chart)

4c. ITALY
A. Market Analysis
Officine Maccaferri Spa
A Major Italian Conglomerate
B. Market Analytics
Table 49: Italian Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 50: Italian Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 51: Italian 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

4d. THE UNITED KINGDOM
A. Market Analysis
Low & Bonar PLC
A Major Scottish Player
B. Market Analytics
Table 52: UK Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 53: UK Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 54: UK 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

4e. SPAIN
Market Analysis
Table 55: Spanish Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 56: Spanish Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 57: Spanish 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

4f. RUSSIA
Market Analysis
Table 58: Russian Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 59: Russian Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 60: Russian 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

4g. REST OF EUROPE
A. Market Analysis
Outlook
Strategic Corporate Development
Select Players
B. Market Analytics
Table 61: Rest of Europe Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 62: Rest of Europe Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 63: Rest of Europe 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

5. ASIA-PACIFIC
A. Market Analysis
Asia Geotextile Market Overview
Outlook
Geomembranes Poised for Robust Growth
B. Market Analytics
Table 64: Asia-Pacific Recent Past, Current & Future Analysis for Geosynthetics by Geographic Region
Australia, China, India and Rest of Asia-Pacific Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 65: Asia-Pacific Historic Review for Geosynthetics by Geographic Region
Australia, China, India and Rest of Asia-Pacific Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 66: Asia-Pacific 14-Year Perspective for Geosynthetics by Geographic Region
Percentage Breakdown of Volume Sales for Australia, China, India and Rest of Asia-Pacific for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)
Table 67: Asia-Pacific Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 68: Asia-Pacific Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 69: Asia-Pacific 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

5a. AUSTRALIA
A. Market Analysis
Outlook
Geosynthetics: Installation in Australia
B. Market Analytics
Table 70: Australian Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 71: Australian Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 72: Australian 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

5b. CHINA
A. Market Analysis
Outlook
New Infrastructure Projects Create Strong Demand for Geotextiles
Chinese Geotextile Sector on the Rise
Chinese Geotextile Industry to Benefit from Railway Construction
Table 73: Chinese Market for Geosynthetics by End-Use Segment (2013): Percentage Breakdown of Revenues for Construction, Containment, Landfill, Transportation Infrastructure and Others (includes corresponding Graph/Chart)
Product Segment Analysis
Reinforced Materials
Anti Seepage Materials
Geotextile Materials
Strategic Corporate Developments
B. Market Analytics
Table 74: Chinese Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in
Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 75: Chinese Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Million
Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 76: Chinese 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007,
2015 & 2020 (includes corresponding Graph/Chart)

5c. INDIA
A. Market Analysis
Outlook
Geosynthetics Regulations in India
Factors Hindering Growth of Geosynthetics in India
Geotextile Market in India
Growth Drivers:
Major Challenges:
Road Blocks Facing Geotextile Market in India:
Strategic Corporate Development
Reliance Industries Limited
A Major Indian Player
B. Market Analytics
Table 77: Indian Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in
Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 78: Indian Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Million
Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 79: Indian 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007,
2015 & 2020 (includes corresponding Graph/Chart)

5d. REST OF ASIA-PACIFIC
A. Market Analysis
Outlook
Pakistan
Strengths
Weaknesses
Opportunities
Threats
Strategic Corporate Development
Key Player
B. Market Analytics
Table 80: Rest of Asia-Pacific Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in
Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 81: Rest of Asia-Pacific Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Million
Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 82: Rest of Asia-Pacific 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007,
2015 & 2020 (includes corresponding Graph/Chart)

6. LATIN AMERICA
A. Market Analysis
Outlook
Strategic Corporate Development
B. Market Analytics
7. REST OF WORLD

A. Market Analysis
Outlook
Construction Projects to Boost Geotextiles Demand in Middle East
Product Launch
Strategic Corporate Developments
Select Player

B. Market Analytics
Table 86: Rest of World Recent Past, Current & Future Analysis for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2014 through 2020 (includes corresponding Graph/Chart)
Table 87: Rest of World Historic Review for Geosynthetics by Product Type
Geomembranes, Geotextiles and Other Markets Independently Analyzed with Annual Sales Figures in Thousand Square Meters for Years 2007 through 2013 (includes corresponding Graph/Chart)
Table 88: Rest of World 14-Year Perspective for Geosynthetics by Product Type
Percentage Breakdown of Volume Sales for Geomembranes, Geotextiles and Other Markets for Years 2007, 2015 & 2020 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE

Total Companies Profiled: 104 (including Divisions/Subsidiaries - 115)
The United States (53)
Canada (8)
Japan (2)
Europe (30)
- France (2)
- Germany (3)
- The United Kingdom (9)
- Italy (3)
- Spain (1)
- Rest of Europe (12)
Asia-Pacific (Excluding Japan) (15)
Latin America (3)
Africa (2)
Middle East (2)

Ordering: Order Online - http://www.researchandmarkets.com/reports/1206799/
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.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>Geosynthetics - Global Strategic Business Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/1206799/">http://www.researchandmarkets.com/reports/1206799/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SC</td>
</tr>
</tbody>
</table>

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) -</td>
<td></td>
</tr>
<tr>
<td>Single User:</td>
<td>USD 4950</td>
</tr>
<tr>
<td>1 - 5 Users:</td>
<td>USD 6930</td>
</tr>
<tr>
<td>1 - 10 Users:</td>
<td>USD 9405</td>
</tr>
<tr>
<td>1 - 15 Users:</td>
<td>USD 11880</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr</th>
<th>Mrs</th>
<th>Dr</th>
<th>Miss</th>
<th>Ms</th>
<th>Prof</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Last Name:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job Title:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisation:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Country:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fax Number:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* 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: Bank details will be provided on the invoice which you will receive after you place your order with us.

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