

United States Drywall Joint Compound Market Report 2017

https://marketpublishers.com/r/U0D71EFBD26EN.html

Date: January 2018

Pages: 108

Price: US\$ 3,800.00 (Single User License)

ID: U0D71EFBD26EN

Abstracts

In this report, the United States Drywall Joint Compound market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report splits the United States market into seven regions:

The West

Southwest

The Middle Atlantic

New England

The South

The Midwest

with sales (volume), revenue (value), market share and growth rate of Drywall Joint Compound in these regions, from 2012 to 2022 (forecast).

United States Drywall Joint Compound market competition by top manufacturers/players, with Drywall Joint Compound sales volume, price, revenue (Million USD) and market share for each manufacturer/player; the top players including



Dap
USG
Proform
Plus 3
Sheetrock
Crack Patch
Westpac
Rapid Set
Kuiken Brothers
Proroc
Freeman
Murco
Hyde
DRICore
Hamiltion
basis of product, this report displays the production, revenue, price, market and growth rate of each type, primarily split into

All Purpose Compound

Taping Compound

Topping Compound



LITE Drying Compounds
Setting Compounds

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume, market share and growth rate for each application, including

Household
Industry
Construction
Others

If you have any special requirements, please let us know and we will offer you the report as you want.



Contents

United States Drywall Joint Compound Market Report 2017

1 DRYWALL JOINT COMPOUND OVERVIEW

- 1.1 Product Overview and Scope of Drywall Joint Compound
- 1.2 Classification of Drywall Joint Compound by Product Category
- 1.2.1 United States Drywall Joint Compound Market Size (Sales Volume) Comparison by Type (2012-2022)
- 1.2.2 United States Drywall Joint Compound Market Size (Sales Volume) Market Share by Type (Product Category) in 2016
 - 1.2.3 Taping Compound
 - 1.2.4 Topping Compound
 - 1.2.5 All Purpose Compound
 - 1.2.6 LITE Drying Compounds
 - 1.2.7 Setting Compounds
- 1.3 United States Drywall Joint Compound Market by Application/End Users
- 1.3.1 United States Drywall Joint Compound Market Size (Consumption) and Market Share Comparison by Application (2012-2022)
 - 1.3.2 Household
 - 1.3.3 Industry
 - 1.3.4 Construction
 - 1.3.5 Others
- 1.4 United States Drywall Joint Compound Market by Region
- 1.4.1 United States Drywall Joint Compound Market Size (Value) Comparison by Region (2012-2022)
 - 1.4.2 The West Drywall Joint Compound Status and Prospect (2012-2022)
 - 1.4.3 Southwest Drywall Joint Compound Status and Prospect (2012-2022)
 - 1.4.4 The Middle Atlantic Drywall Joint Compound Status and Prospect (2012-2022)
 - 1.4.5 New England Drywall Joint Compound Status and Prospect (2012-2022)
 - 1.4.6 The South Drywall Joint Compound Status and Prospect (2012-2022)
 - 1.4.7 The Midwest Drywall Joint Compound Status and Prospect (2012-2022)
- 1.5 United States Market Size (Value and Volume) of Drywall Joint Compound (2012-2022)
 - 1.5.1 United States Drywall Joint Compound Sales and Growth Rate (2012-2022)
 - 1.5.2 United States Drywall Joint Compound Revenue and Growth Rate (2012-2022)

2 UNITED STATES DRYWALL JOINT COMPOUND MARKET COMPETITION BY



PLAYERS/SUPPLIERS

- 2.1 United States Drywall Joint Compound Sales and Market Share of Key Players/Suppliers (2012-2017)
- 2.2 United States Drywall Joint Compound Revenue and Share by Players/Suppliers (2012-2017)
- 2.3 United States Drywall Joint Compound Average Price by Players/Suppliers (2012-2017)
- 2.4 United States Drywall Joint Compound Market Competitive Situation and Trends
- 2.4.1 United States Drywall Joint Compound Market Concentration Rate
- 2.4.2 United States Drywall Joint Compound Market Share of Top 3 and Top 5 Players/Suppliers
- 2.4.3 Mergers & Acquisitions, Expansion in United States Market
- 2.5 United States Players/Suppliers Drywall Joint Compound Manufacturing Base Distribution, Sales Area, Product Type

3 UNITED STATES DRYWALL JOINT COMPOUND SALES (VOLUME) AND REVENUE (VALUE) BY REGION (2012-2017)

- 3.1 United States Drywall Joint Compound Sales and Market Share by Region (2012-2017)
- 3.2 United States Drywall Joint Compound Revenue and Market Share by Region (2012-2017)
- 3.3 United States Drywall Joint Compound Price by Region (2012-2017)

4 UNITED STATES DRYWALL JOINT COMPOUND SALES (VOLUME) AND REVENUE (VALUE) BY TYPE (PRODUCT CATEGORY) (2012-2017)

- 4.1 United States Drywall Joint Compound Sales and Market Share by Type (Product Category) (2012-2017)
- 4.2 United States Drywall Joint Compound Revenue and Market Share by Type (2012-2017)
- 4.3 United States Drywall Joint Compound Price by Type (2012-2017)
- 4.4 United States Drywall Joint Compound Sales Growth Rate by Type (2012-2017)

5 UNITED STATES DRYWALL JOINT COMPOUND SALES (VOLUME) BY APPLICATION (2012-2017)

5.1 United States Drywall Joint Compound Sales and Market Share by Application



(2012-2017)

- 5.2 United States Drywall Joint Compound Sales Growth Rate by Application (2012-2017)
- 5.3 Market Drivers and Opportunities

6 UNITED STATES DRYWALL JOINT COMPOUND PLAYERS/SUPPLIERS PROFILES AND SALES DATA

- 6.1 Dap
 - 6.1.1 Company Basic Information, Manufacturing Base and Competitors
 - 6.1.2 Drywall Joint Compound Product Category, Application and Specification
 - 6.1.2.1 Product A
 - 6.1.2.2 Product B
- 6.1.3 Dap Drywall Joint Compound Sales, Revenue, Price and Gross Margin (2012-2017)
 - 6.1.4 Main Business/Business Overview
- 6.2 USG
 - 6.2.2 Drywall Joint Compound Product Category, Application and Specification
 - 6.2.2.1 Product A
 - 6.2.2.2 Product B
- 6.2.3 USG Drywall Joint Compound Sales, Revenue, Price and Gross Margin (2012-2017)
 - 6.2.4 Main Business/Business Overview
- 6.3 Proform
 - 6.3.2 Drywall Joint Compound Product Category, Application and Specification
 - 6.3.2.1 Product A
 - 6.3.2.2 Product B
- 6.3.3 Proform Drywall Joint Compound Sales, Revenue, Price and Gross Margin (2012-2017)
 - 6.3.4 Main Business/Business Overview
- 6.4 Plus
 - 6.4.2 Drywall Joint Compound Product Category, Application and Specification
 - 6.4.2.1 Product A
 - 6.4.2.2 Product B
- 6.4.3 Plus 3 Drywall Joint Compound Sales, Revenue, Price and Gross Margin (2012-2017)
 - 6.4.4 Main Business/Business Overview
- 6.5 Sheetrock
 - 6.5.2 Drywall Joint Compound Product Category, Application and Specification



- 6.5.2.1 Product A
- 6.5.2.2 Product B
- 6.5.3 Sheetrock Drywall Joint Compound Sales, Revenue, Price and Gross Margin (2012-2017)
 - 6.5.4 Main Business/Business Overview
- 6.6 Crack Patch
 - 6.6.2 Drywall Joint Compound Product Category, Application and Specification
 - 6.6.2.1 Product A
 - 6.6.2.2 Product B
- 6.6.3 Crack Patch Drywall Joint Compound Sales, Revenue, Price and Gross Margin (2012-2017)
 - 6.6.4 Main Business/Business Overview
- 6.7 Westpac
 - 6.7.2 Drywall Joint Compound Product Category, Application and Specification
 - 6.7.2.1 Product A
 - 6.7.2.2 Product B
- 6.7.3 Westpac Drywall Joint Compound Sales, Revenue, Price and Gross Margin (2012-2017)
 - 6.7.4 Main Business/Business Overview
- 6.8 Rapid Set
 - 6.8.2 Drywall Joint Compound Product Category, Application and Specification
 - 6.8.2.1 Product A
 - 6.8.2.2 Product B
- 6.8.3 Rapid Set Drywall Joint Compound Sales, Revenue, Price and Gross Margin (2012-2017)
 - 6.8.4 Main Business/Business Overview
- 6.9 Kuiken Brothers
 - 6.9.2 Drywall Joint Compound Product Category, Application and Specification
 - 6.9.2.1 Product A
 - 6.9.2.2 Product B
- 6.9.3 Kuiken Brothers Drywall Joint Compound Sales, Revenue, Price and Gross Margin (2012-2017)
 - 6.9.4 Main Business/Business Overview
- 6.10 Proroc
 - 6.10.2 Drywall Joint Compound Product Category, Application and Specification
 - 6.10.2.1 Product A
 - 6.10.2.2 Product B
- 6.10.3 Proroc Drywall Joint Compound Sales, Revenue, Price and Gross Margin (2012-2017)



- 6.10.4 Main Business/Business Overview
- 6.11 Freeman
- 6.12 Murco
- 6.13 Hyde
- 6.14 DRICore
- 6.15 Hamiltion

7 DRYWALL JOINT COMPOUND MANUFACTURING COST ANALYSIS

- 7.1 Drywall Joint Compound Key Raw Materials Analysis
 - 7.1.1 Key Raw Materials
 - 7.1.2 Price Trend of Key Raw Materials
 - 7.1.3 Key Suppliers of Raw Materials
 - 7.1.4 Market Concentration Rate of Raw Materials
- 7.2 Proportion of Manufacturing Cost Structure
 - 7.2.1 Raw Materials
 - 7.2.2 Labor Cost
 - 7.2.3 Manufacturing Expenses
- 7.3 Manufacturing Process Analysis of Drywall Joint Compound

8 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS

- 8.1 Drywall Joint Compound Industrial Chain Analysis
- 8.2 Upstream Raw Materials Sourcing
- 8.3 Raw Materials Sources of Drywall Joint Compound Major Manufacturers in 2016
- 8.4 Downstream Buyers

9 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS

- 9.1 Marketing Channel
 - 9.1.1 Direct Marketing
 - 9.1.2 Indirect Marketing
 - 9.1.3 Marketing Channel Development Trend
- 9.2 Market Positioning
 - 9.2.1 Pricing Strategy
 - 9.2.2 Brand Strategy
 - 9.2.3 Target Client
- 9.3 Distributors/Traders List



10 MARKET EFFECT FACTORS ANALYSIS

- 10.1 Technology Progress/Risk
 - 10.1.1 Substitutes Threat
 - 10.1.2 Technology Progress in Related Industry
- 10.2 Consumer Needs/Customer Preference Change
- 10.3 Economic/Political Environmental Change

11 UNITED STATES DRYWALL JOINT COMPOUND MARKET SIZE (VALUE AND VOLUME) FORECAST (2017-2022)

- 11.1 United States Drywall Joint Compound Sales Volume, Revenue Forecast (2017-2022)
- 11.2 United States Drywall Joint Compound Sales Volume Forecast by Type (2017-2022)
- 11.3 United States Drywall Joint Compound Sales Volume Forecast by Application (2017-2022)
- 11.4 United States Drywall Joint Compound Sales Volume Forecast by Region (2017-2022)

12 RESEARCH FINDINGS AND CONCLUSION

13 APPENDIX

- 13.1 Methodology/Research Approach
 - 13.1.1 Research Programs/Design
 - 13.1.2 Market Size Estimation
 - 13.1.3 Market Breakdown and Data Triangulation
- 13.2 Data Source
 - 13.2.1 Secondary Sources
 - 13.2.2 Primary Sources
- 13.3 Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.



List Of Tables

LIST OF TABLES AND FIGURES

Figure Product Picture of Drywall Joint Compound

Figure United States Drywall Joint Compound Market Size (K MT) by Type (2012-2022)

Figure United States Drywall Joint Compound Sales Volume Market Share by Type

(Product Category) in 2016

Figure Taping Compound Product Picture

Figure Topping Compound Product Picture

Figure All Purpose Compound Product Picture

Figure LITE Drying Compounds Product Picture

Figure Setting Compounds Product Picture

Figure United States Drywall Joint Compound Market Size (K MT) by Application (2012-2022)

Figure United States Sales Market Share of Drywall Joint Compound by Application in 2016

Figure Household Examples

Table Key Downstream Customer in Household

Figure Industry Examples

Table Key Downstream Customer in Industry

Figure Construction Examples

Table Key Downstream Customer in Construction

Figure Others Examples

Table Key Downstream Customer in Others

Figure United States Drywall Joint Compound Market Size (Million USD) by Region (2012-2022)

Figure The West Drywall Joint Compound Revenue (Million USD) and Growth Rate (2012-2022)

Figure Southwest Drywall Joint Compound Revenue (Million USD) and Growth Rate (2012-2022)

Figure The Middle Atlantic Drywall Joint Compound Revenue (Million USD) and Growth Rate (2012-2022)

Figure New England Drywall Joint Compound Revenue (Million USD) and Growth Rate (2012-2022)

Figure The South of US Drywall Joint Compound Revenue (Million USD) and Growth Rate (2012-2022)

Figure The Midwest Drywall Joint Compound Revenue (Million USD) and Growth Rate (2012-2022)



Figure United States Drywall Joint Compound Sales (K MT) and Growth Rate (2012-2022)

Figure United States Drywall Joint Compound Revenue (Million USD) and Growth Rate (2012-2022)

Figure United States Drywall Joint Compound Market Major Players Product Sales Volume (K MT) (2012-2017)

Table United States Drywall Joint Compound Sales (K MT) of Key Players/Suppliers (2012-2017)

Table United States Drywall Joint Compound Sales Share by Players/Suppliers (2012-2017)

Figure 2016 United States Drywall Joint Compound Sales Share by Players/Suppliers Figure 2017 United States Drywall Joint Compound Sales Share by Players/Suppliers Figure United States Drywall Joint Compound Market Major Players Product Revenue (Million USD) (2012-2017)

Table United States Drywall Joint Compound Revenue (Million USD) by Players/Suppliers (2012-2017)

Table United States Drywall Joint Compound Revenue Share by Players/Suppliers (2012-2017)

Figure 2016 United States Drywall Joint Compound Revenue Share by Players/Suppliers

Figure 2017 United States Drywall Joint Compound Revenue Share by Players/Suppliers

Table United States Market Drywall Joint Compound Average Price (USD/MT) of Key Players/Suppliers (2012-2017)

Figure United States Market Drywall Joint Compound Average Price (USD/MT) of Key Players/Suppliers in 2016

Figure United States Drywall Joint Compound Market Share of Top 3 Players/Suppliers Figure United States Drywall Joint Compound Market Share of Top 5 Players/Suppliers Table United States Players/Suppliers Drywall Joint Compound Manufacturing Base Distribution and Sales Area

Table United States Players/Suppliers Drywall Joint Compound Product Category
Table United States Drywall Joint Compound Sales (K MT) by Region (2012-2017)
Table United States Drywall Joint Compound Sales Share by Region (2012-2017)
Figure United States Drywall Joint Compound Sales Share by Region (2012-2017)
Figure United States Drywall Joint Compound Sales Market Share by Region in 2016
Table United States Drywall Joint Compound Revenue (Million USD) and Market Share by Region (2012-2017)

Table United States Drywall Joint Compound Revenue Share by Region (2012-2017) Figure United States Drywall Joint Compound Revenue Market Share by Region



(2012-2017)

Figure United States Drywall Joint Compound Revenue Market Share by Region in 2016

Table United States Drywall Joint Compound Price (USD/MT) by Region (2012-2017)

Table United States Drywall Joint Compound Sales (K MT) by Type (2012-2017)

Table United States Drywall Joint Compound Sales Share by Type (2012-2017)

Figure United States Drywall Joint Compound Sales Share by Type (2012-2017)

Figure United States Drywall Joint Compound Sales Market Share by Type in 2016

Table United States Drywall Joint Compound Revenue (Million USD) and Market Share by Type (2012-2017)

Table United States Drywall Joint Compound Revenue Share by Type (2012-2017)

Figure Revenue Market Share of Drywall Joint Compound by Type (2012-2017)

Figure Revenue Market Share of Drywall Joint Compound by Type in 2016

Table United States Drywall Joint Compound Price (USD/MT) by Types (2012-2017)

Figure United States Drywall Joint Compound Sales Growth Rate by Type (2012-2017)

Table United States Drywall Joint Compound Sales (K MT) by Application (2012-2017)

Table United States Drywall Joint Compound Sales Market Share by Application (2012-2017)

Figure United States Drywall Joint Compound Sales Market Share by Application (2012-2017)

Figure United States Drywall Joint Compound Sales Market Share by Application in 2016

Table United States Drywall Joint Compound Sales Growth Rate by Application (2012-2017)

Figure United States Drywall Joint Compound Sales Growth Rate by Application (2012-2017)

Table Dap Basic Information List

Table Dap Drywall Joint Compound Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Dap Drywall Joint Compound Sales Growth Rate (2012-2017)

Figure Dap Drywall Joint Compound Sales Market Share in United States (2012-2017)

Figure Dap Drywall Joint Compound Revenue Market Share in United States (2012-2017)

Table USG Basic Information List

Table USG Drywall Joint Compound Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure USG Drywall Joint Compound Sales Growth Rate (2012-2017)

Figure USG Drywall Joint Compound Sales Market Share in United States (2012-2017)

Figure USG Drywall Joint Compound Revenue Market Share in United States



(2012-2017)

Table Proform Basic Information List

Table Proform Drywall Joint Compound Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Proform Drywall Joint Compound Sales Growth Rate (2012-2017)

Figure Proform Drywall Joint Compound Sales Market Share in United States (2012-2017)

Figure Proform Drywall Joint Compound Revenue Market Share in United States (2012-2017)

Table Plus 3 Basic Information List

Table Plus 3 Drywall Joint Compound Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Plus 3 Drywall Joint Compound Sales Growth Rate (2012-2017)

Figure Plus 3 Drywall Joint Compound Sales Market Share in United States (2012-2017)

Figure Plus 3 Drywall Joint Compound Revenue Market Share in United States (2012-2017)

Table Sheetrock Basic Information List

Table Sheetrock Drywall Joint Compound Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Sheetrock Drywall Joint Compound Sales Growth Rate (2012-2017)

Figure Sheetrock Drywall Joint Compound Sales Market Share in United States (2012-2017)

Figure Sheetrock Drywall Joint Compound Revenue Market Share in United States (2012-2017)

Table Crack Patch Basic Information List

Table Crack Patch Drywall Joint Compound Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Crack Patch Drywall Joint Compound Sales Growth Rate (2012-2017)

Figure Crack Patch Drywall Joint Compound Sales Market Share in United States (2012-2017)

Figure Crack Patch Drywall Joint Compound Revenue Market Share in United States (2012-2017)

Table Westpac Basic Information List

Table Westpac Drywall Joint Compound Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Westpac Drywall Joint Compound Sales Growth Rate (2012-2017)

Figure Westpac Drywall Joint Compound Sales Market Share in United States (2012-2017)



Figure Westpac Drywall Joint Compound Revenue Market Share in United States (2012-2017)

Table Rapid Set Basic Information List

Table Rapid Set Drywall Joint Compound Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Rapid Set Drywall Joint Compound Sales Growth Rate (2012-2017)

Figure Rapid Set Drywall Joint Compound Sales Market Share in United States (2012-2017)

Figure Rapid Set Drywall Joint Compound Revenue Market Share in United States (2012-2017)

Table Kuiken Brothers Basic Information List

Table Kuiken Brothers Drywall Joint Compound Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Kuiken Brothers Drywall Joint Compound Sales Growth Rate (2012-2017)

Figure Kuiken Brothers Drywall Joint Compound Sales Market Share in United States (2012-2017)

Figure Kuiken Brothers Drywall Joint Compound Revenue Market Share in United States (2012-2017)

Table Proroc Basic Information List

Table Proroc Drywall Joint Compound Sales (K MT), Revenue (Million USD), Price (USD/MT) and Gross Margin (2012-2017)

Figure Proroc Drywall Joint Compound Sales Growth Rate (2012-2017)

Figure Proroc Drywall Joint Compound Sales Market Share in United States (2012-2017)

Figure Proroc Drywall Joint Compound Revenue Market Share in United States (2012-2017)

Table Freeman Basic Information List

Table Murco Basic Information List

Table Hyde Basic Information List

Table DRICore Basic Information List

Table Hamiltion Basic Information List

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Drywall Joint Compound

Figure Manufacturing Process Analysis of Drywall Joint Compound

Figure Drywall Joint Compound Industrial Chain Analysis

Table Raw Materials Sources of Drywall Joint Compound Major Players/Suppliers in 2016



Table Major Buyers of Drywall Joint Compound

Table Distributors/Traders List

Figure United States Drywall Joint Compound Sales Volume (K MT) and Growth Rate Forecast (2017-2022)

Figure United States Drywall Joint Compound Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Figure United States Drywall Joint Compound Price (USD/MT) Trend Forecast (2017-2022)

Table United States Drywall Joint Compound Sales Volume (K MT) Forecast by Type (2017-2022)

Figure United States Drywall Joint Compound Sales Volume (K MT) Forecast by Type (2017-2022)

Figure United States Drywall Joint Compound Sales Volume (K MT) Forecast by Type in 2022

Table United States Drywall Joint Compound Sales Volume (K MT) Forecast by Application (2017-2022)

Figure United States Drywall Joint Compound Sales Volume (K MT) Forecast by Application (2017-2022)

Figure United States Drywall Joint Compound Sales Volume (K MT) Forecast by Application in 2022

Table United States Drywall Joint Compound Sales Volume (K MT) Forecast by Region (2017-2022)

Table United States Drywall Joint Compound Sales Volume Share Forecast by Region (2017-2022)

Figure United States Drywall Joint Compound Sales Volume Share Forecast by Region (2017-2022)

Figure United States Drywall Joint Compound Sales Volume Share Forecast by Region in 2022

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Sources



I would like to order

Product name: United States Drywall Joint Compound Market Report 2017

Product link: https://marketpublishers.com/r/U0D71EFBD26EN.html

Price: US\$ 3,800.00 (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/U0D71EFBD26EN.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
	Custumer 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