Page 1 Market Sales

## Market Size Report Prepackaged Grout, Mortar, and Cement Mixes

Notes 1997 2002 2007 2012 2017 2018 2019 2020 2021 2022 P 2023E 2028F

Section 1 U. S. Market Sales

Sales (mil.) CAGR	1	\$742.9
Real sales (mil.) CAGR	2	\$760.4
Producer price index CAGR	3	97.7

#### Notes:

E= Estimate based on monthly and quarterly import, export, and producer price index data

F= Forecast

P= Preliminary, shipments are estimated. Import, export, and producer price index data is actual

#### Footnotes:

1) Sales is shipments minus exports plus imports

2) Sales divided by the producer price index

3) Index base 2007 = 100

Source: U.S. Department of Commerce and Bureau of Labor Statistics

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Section 2 U. S.Source of Supply

	\$846.8	
1	\$25.5	
	3.4%	
	\$15.9	
	0.0	
2		
2	07.10/	
	0.4	
	2	1 \$25.5 3.4% \$15.9 2.0 1.0 0.8 0.0

1997

Notes

2002

2007

2012

2017

2018

2019

2020

2021 2022 P

2023E

## Notes:

E= Estimate based on monthly and quarterly import, export, and producer price index data
P= Preliminary, shipments are estimated. Import, export, and producer price index data is actual

#### Footnotes:

1) Imports is landed value (product cost, freight, insurance, and tariff charges)

2) U.S. supply is shipments plus imports

Source: U.S. Department of Commerce and Bureau of Labor Statistics

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Section 3		
U. S.End-Use Markets and Exports		
Purchases by end-use market (mil.)		
Total builder		\$117
New site-built housing		117
Manufactured housing		NA
Total residential		\$174
Residential contractor		144
Consumer expenditures DIY/BIY		30
Total commercial		\$452
Nonresidential new/additions/alterations		428
Nonresidential maintenance and repair/property manager		8
Government		16
Main street commercial DIY/BIY	1	NA
Business inputs	2	NA
Total purchases	2	\$743
Total purchases		\$143
Percent total end-use market purchases		
Total builder		15.7%
New site-built housing		15.7
Manufactured housing		NA
Total residential		23.4%
Residential contractor		19.4
Consumer expenditures DIY/BIY		4.0
Total commercial		60.8%
Nonresidential new/additions/alterations		57.6
Nonresidential maintenance and repair/property manager		1.1
Government		2.2
Main street commercial DIY/BIY	1	NA
Business inputs	2	NA NA
Dualiteaa iiihata	2	INA
Export shipments (mil.)		\$129.4
Percent domestic factory shipments		15.2%
Top five countries of destination (mil.):		
		\$47.5
Canada		\$47.5 22.7
Mexico		
United Kingdom		5.9
Netherlands		3.7
Brazil		3.0

Notes

1997

2002

2007

2012

2017

2018

2019

2020

2021 2022 P 2023E

**Market Size Report** 

Prepackaged Grout, Mortar, and Cement Mixes

Notes:

DIY/BIY= do-it-yourself and buy-it-yourself

E= Estimate based on data in the Factors tab P= Preliminary

### Footnotes:

- 1) Purchases by retailers, professional offices, service establishments, etc.
- 2) Includes parts sold separately and equipment installed in another product, such as recreational vehicles

Source: U.S. Department of Commerce and Bureau of Labor Statistics
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Market Size Report Prepackaged Grout, Mortar, and Cement Mixes	Notes	1997	2002	2007	2012	2017	2018	2019	2020	2021	2022 P	2023E
Section 4 Factors Driving U.S. Demand												
U.S. Building Construction Spending (bil.)												
Total building construction spending				\$898.1								
CAGR												
Private residential				488.8								
Private non-residential buildings	1			278.0								
Public buildings				131.3								
U.S. Housing Construction Trends												
Total permits (000)				1,398.4								
Single-family homes				979.9								
Multi-family housing units				418.5								
Total starts (000)				1,355.0								
Single-family homes				1,046.0								
Multi-family housing units				309.0								
Total completions (000)				1,502.8								
Single-family homes				1,218.4								
Multi-family housing units				284.4								
Average selling price per new home (000)				\$313.6								
Supply of unsold units ratio	2			8.5								
Manufactured home shipments (000)				95.7								
Square Feet of New U.S. Housing Constructed												
Average square feet of new housing units completed:												
Single-family homes				2,521								
Multi-family housing units				1,300								
Manufactured homes built				1,600								
Total square feet built (mil.)				3,591.8								
U.S. Existing Home Sales												
Total sales (000)				5,040								
Single-family				4,687								
Multi-family housing units				353								
Average selling price (\$000)				\$266.0								
Supply of unsold units ratio	2			8.9								
U.S. Residential Kitchen and Bathroom												
Installations (000)												
Kitchens, total				6,502								
New, total				1,598								
Single-family homes				1,218								
Multi-family housing units				284								
Manufactured homes				96								

Remodeled and additions	4,904	
Bathrooms, total	10,489	
New, total	4,005	
Single-family homes	3,262	
Multi-family housing units	551	
Manufactured homes	192	
Remodeled and additions	6,484	
Nemodeled and additions	0,707	
Other Factors Driving Residential Demand		
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Residential improvement construction spending (bil.)	\$134.7	
Building material retail sales (bil.)	283.8	
Mortgage rates (30-year fixed)	6.34%	
Real personal disposable income (2012 bil. \$)	\$11,500.3	
U.S. Non-residential Building Construction		
Spending by Building Type (bil.)		
Lodging	\$28.7	
Office	65.3	
Commercial	89.7	
Healthcare	43.8	
Education	96.8	
Religious	7.5	
Public safety	10.2	
. 40.0 04.01	. 5.2	

21.2

40.6

## Footnotes:

Manufacturing

CAGR= Compound annual growth rate
E= Estimate based on monthly and quarterly data

## Notes:

- 1. Includes public residential buildings
- 2. Ratio of unsold homes to sales

Amusements and recreation

## Source: U.S. Department of Commerce and Bureau of Labor Statistics

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