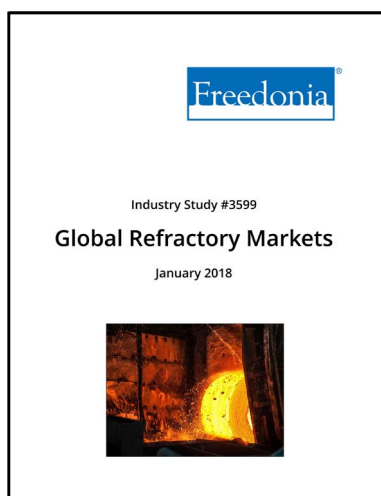




Global Refractory Markets

Industry Study #3599 | January 2018

This Freedonia study examines the global refractory market, expected to be 49 million metric tons in 2021 with a market value of \$55 billion. Data are provided in volume (metric tons) with selected figures in value (US dollars). The study presents historical demand data (2006, 2011, 2016) and forecasts for 2021 in 6 regions and 16 countries worldwide, as well as by market (iron & steel, nonferrous metals, nonmetallic minerals), form (bricks & shapes, monolithics, other), and material (clay, nonclay). In addition, the study evaluates company market share and analyzes global competitors including Krosaki Harima, RHI Magnesita, Saint-Gobain, Shinagawa Refractories, and Vesuvius.



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Report Link: <https://hubs.ly/H09V8dD0>

Table 8-6 | India: Refractory Demand by Form, Material & Market, 2006 – 2021 (thousand metric tons)

Item	2006
Asia/Pacific Refractory Demand	20390
% India	8.9
Refractory Demand	1820
By Form:	
Bricks & Shapes	1270
Monolithics & Other	550
By Material:	
Clay	1170
Nonclay	650
By Market:	
Iron & Steel	1015
Nonmetallic Minerals	325
Nonferrous Metals	230
Other	250

Key Trends in the Global Refractory Market

'16 – '21 CAGR

↑ 2.4%

per year (m ton)

↑ 6.9%

per year (US \$)

Key Trends

- Fast growth of developing markets, maturity in developed areas
- Progression toward higher value refractories, especially nonclay types
- Longer product lifespans due to improved products, installation technologies

Market Growth Outlook, '16 – '21

% Compound Annual Growth (m ton)

Market	11-16	16-21
Iron & Steel	~1.5%	~1.5%
Nonmetallic Minerals	~2.5%	~2.5%
Nonferrous Metals	~3.5%	~3.5%
Other	~3.0%	~3.0%

Leading Industry Participants

- Krosaki Harima
- RHI Magnesita
- Saint-Gobain
- Shinagawa Refractories
- Vesuvius