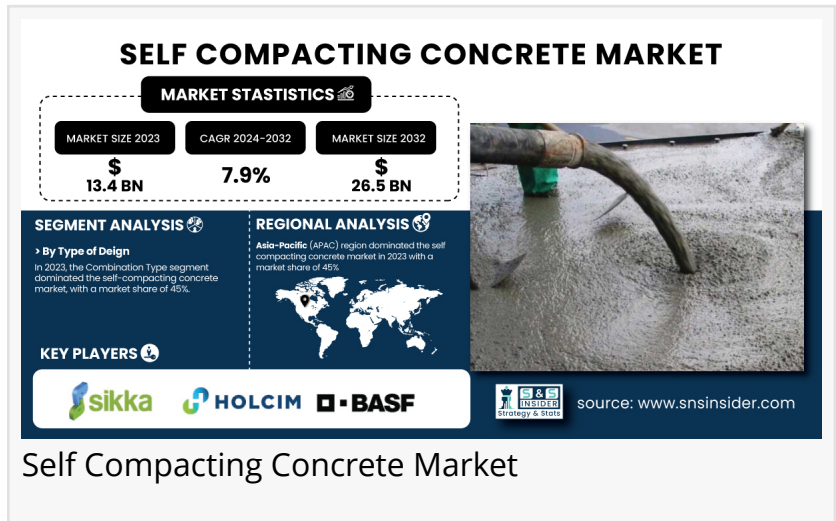


# Self Compacting Concrete Market to Reach USD 26.5 Billion by 2032 | SNS Insider

*Self-compacting concrete market is growing due to urbanization, the demand for sustainable construction, and technological advancements in building materials.*

AUSTIN, TX, UNITED STATES, February 5, 2025 /EINPresswire.com/ -- The [Self Compacting Concrete Market](#) Size was valued at USD 13.4 Billion in 2023 and is expected to reach USD 26.5 Billion by 2032, growing at a CAGR of 7.9% over the forecast period of 2024-2032.



The self-compacting concrete market is growing rapidly due to its characteristic of high flowability, sustainability, and low shrinkage in construction. Technological advancements increase demand, where concrete consumes 30% of global cement in 2023, led by China and India. Europe increased the use of sustainable concrete by 6% from 2022-2023.

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Key Players:

- ACC Limited (ACC Self Compacting Concrete, ACC Concrete)
- BASF SE (MasterFlow 928, MasterGlenium)
- Breedon Group (Breedon SCC, Breedon Flow)
- Cemex (Cemex Flowable Concrete, Cemex Self-Compacting Concrete)
- HeidelbergCement AG (HeidelbergCement SCC, CEM II/A-S)
- Kilsaran (Kilsaran Self Compacting Concrete, Kilsaran Flowcrete)
- LafargeHolcim Limited (LafargeHolcim SCC, ECOPact)
- Roadstone Ltd. (Roadstone SCC, Roadstone Flowable Concrete)
- Sika Group (Sika<sup>®</sup> SCC, Sika<sup>®</sup> ViscoCrete)
- Tarmac (Tarmac SCC, Tarmac Flowing Concrete)

- Ultratech Cement Limited (Ultratech Self Compacting Concrete, Ultratech Flowcrete)
- Unibeton Ready Mix (Unibeton SCC, Unibeton Flowcrete)
- Buzzi Unicem (Buzzi Unicem Self Compacting Concrete, Buzzi Unicem Flowcrete)
- China National Petroleum Corporation (SCC Cement, CNPC High Flow Concrete)
- CRH Plc (CRH SCC, CRH Flowcrete)
- Fosroc International Ltd. (Fosroc Conbextra, Fosroc Conplast)
- James Hardie Industries (Hardie Plank, Hardie Concrete)
- Lafarge (Lafarge Self Compacting Concrete, Lafarge Flowcrete)
- Saint-Gobain (Saint-Gobain Flowcrete, Saint-Gobain SCC)
- Taiwan Cement Corporation (Taiwan Self Compacting Concrete, Taiwan High Flow Concrete)

The Asia-Pacific region was estimated to capture 45% of the Self Compacting Concrete market in 2023.

Asia-Pacific is dominated due to rapid industrialization and infrastructural growth in China, India, Japan, and South Korea. China's Belt and Road, India's Smart Cities, Japan's earthquake-resistant structures, and South Korea's investment in advanced materials are some of the initiatives that have really helped increase SCC adoption.

## Market Segmentation

### By Type of Design

- Viscosity Agent Type
- Powder Type
- Combination Type
- Others

The combination type design led the market in 2023, with a share of 45%

The dominance is due to this type of combination design, that is, offering better mixing performance with powder and viscosity agents enhances workability strength for complex structural works. As it is easy to apply versatile detailing and works on diverse constructions, builders, and contractors begin to demand good concrete solutions within a short timeframe.

### By Raw Material

- Cement
- Admixtures
- Fibers
- Aggregates
- Additions
- Others

Cement dominated the raw material aspect, holding more than 40% of the market share for Self

## Compacting Concrete Market.

It is an essential role in providing the strength and base needed in concrete since it acts as the primary binding agent in concrete mixtures. The quality and make-up of cement have a major impact on the performance and durability of Self Compacting Concrete, making this element an essential part for many different applications and to provide structural integrity within multiple environments.

### By Application

- Drilled Shafts
- Columns
- Metal Decking
- Concrete Frames
- Others

Concrete frames captured 30% of the market in 2023. The reason is that concrete frames are widely used in high-rise buildings and large infrastructure projects.

Self Compacting Concrete workability allows for smooth placement and finishing, which is essential for complex frame structures requiring precision and stability. Increasing demand for urban development and skyscrapers has led to the increased use of concrete frames, underlining their importance in modern construction practices.

### By End-User

- Oil & Gas
- Infrastructure
- Building & Construction
- Others

The building and construction sector still accounted for the majority, with 55% in 2023.

The emphasis by the industry for durability, safety, and efficiency of construction drives the demand for advanced concrete technologies. The end-users in construction are ever on the lookout for superior performance in the demanding applications preferred by builders and contractors, thereby solidifying Self Compacting Concrete as the preferred product in the market.

Buy Full Research Report on Self Compacting Concrete Market 2024-2032 @

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### Recent Developments

- February 2024: Nuvoco Vistas inaugurated its second Ready-Mix Concrete plant in Patna with a

capacity of 60 cubic meters per hour. The company continues to expand its footprint in Bihar to support local construction projects.

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