CHEMICALS, FERTILIZERS, POLYMERS & TEXTILES / AMENDED

Quality Control Order for synthetic micro-fibres for use in cement based matrix

Synthetic micro-fibres for use in cement based matrix must meet IS 16481:2022 and bear the BIS Standard Mark under the 2022 order, from April 3, 2023.

THE MINISTRY OF Chemicals and Fertilizers (Department of Chemicals and Petrochemicals) first issued the Synthetic Micro-Fibres for use in Cement Based Matrix (Quality Control) Order, 2021 as S.O. 1627(E), dated April 15, 2021. It covered synthetic micro-fibres for use in cement based matrix, against IS 16481:2016, Textiles - Synthetic Micro - Fibres for Use in Cement Based Matrix - Specification.

STANDARDS 1

IS 16481:2022

Textile - Synthetic Micro-Fibres for use in Cement Based Matrix - Specification

KEY FACTS

ORDER

Synthetic Micro-Fibres for use in Cement Based Matrix (Quality Control) Order, 2022

CAME INTO FORCE

April 3, 2023, as substituted by S.O. 4608(E) in the 2022 order (which had first named October 3, 2022). The 2021 order it superseded was to come into force on the expiry of one hundred and eighty days from the date of its publication in the Official Gazette.

WHERE IT STANDS

Amended

REFERENCES

S.O. 4608 (E)	Amended
S.O. 1654(E)	Amended
S.O. 4188(E)	Amended
S.O. 1627(E)	In force

Quality Control Order for synthetic micro-fibres for use in cement based matrix

Synthetic Micro-Fibres for use in Cement Based Matrix (Quality Control) Order, 2022 · Ministry of Chemicals and Fertilizers (Department of Chemicals and Petrochemicals)

The Ministry of Chemicals and Fertilizers (Department of Chemicals and Petrochemicals) first issued the Synthetic Micro-Fibres for use in Cement Based Matrix (Quality Control) Order, 2021 as S.O. 1627(E), dated April 15, 2021. It covered synthetic micro-fibres for use in cement based matrix, against IS 16481:2016, Textiles - Synthetic Micro - Fibres for Use in Cement Based Matrix - Specification.

The goods must conform to the standard and bear the Standard Mark under a licence from the Bureau of Indian Standards as per Scheme-I of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018. The order does not apply to goods meant for export. The Bureau is the certifying and enforcing authority, and contraventions are punishable under the Bureau of Indian Standards Act, 2016.

The 2021 order was to come into force one hundred and eighty days after its publication. On October 8, 2021, S.O. 4188(E) substituted that provision, again providing that the order shall come into force on the expiry of one hundred and eighty days from the date of its publication in the Official Gazette. On April 5, 2022, S.O. 1654(E) superseded the 2021 order with the Synthetic Micro-Fibres for use in Cement Based Matrix (Quality Control) Order, 2022, on the same terms, to come into force on October 3, 2022.

On September 29, 2022, S.O. 4608 (E) moved the date of coming into force of the 2022 order to April 3, 2023, and replaced the standard in its Table with IS 16481:2022, adding that the latest version of the standard, with amendments notified by the Bureau, applies from the date of such notification.

As amended by S.O. 4608 (E), the 2022 order requires the goods to conform to IS 16481:2022 and bear the Standard Mark under a licence from the Bureau, from April 3, 2023.

Order	Synthetic Micro-Fibres for use in Cement Based Matrix (Quality Control) Order, 2022
Issued by	Ministry of Chemicals and Fertilizers (Department of Chemicals and Petrochemicals)
Product group	Chemicals, Fertilizers, Polymers & Textiles
Where it stands	Amended
What it requires	Synthetic micro-fibres for use in cement based matrix must conform to the Indian Standard in the order's Table and bear the Standard

	Mark under a licence from the Bureau of Indian Standards. Since S.O. 4608(E) of September 29, 2022, the Table names IS 16481:2022, and the latest version of the standard with its amendments, as notified by the Bureau, applies from the date of such notification.
Certification scheme	Scheme-I of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018
Came into force	April 3, 2023, as substituted by S.O. 4608(E) in the 2022 order (which had first named October 3, 2022). The 2021 order it superseded was to come into force on the expiry of one hundred and eighty days from the date of its publication in the Official Gazette.
Exemptions	Goods or articles meant for export
Enforcement	The Bureau of Indian Standards is the certifying and enforcing authority. Any person who contravenes the order is punishable under the provisions of the Bureau of Indian Standards Act, 2016.

The products and their standards

Product	Indian Standard	Title of the standard
Synthetic Micro-Fibres for use in Cement Based Matrix	IS 16481:2022	Textile - Synthetic Micro-Fibres for use in Cement Based Matrix - Specification

Every notification on this order

Date	Notification	Status	What it did
September 30, 2022	S.O. 4608 (E) PDF, 1.7 MB · Gazette	Amended	The Synthetic Micro-Fibres for use in Cement Based Matrix (Quality Control) Amendment Order, 2022, dated September 29, 2022, substituted the commencement date of the 2022 order with April 3, 2023. It also replaced the Table, naming IS 16481:2022 in place of IS 16481:2016 and adding a note that the latest version of the standard, with amendments notified by the Bureau of Indian Standards, applies from the date of such notification.
April 6, 2022	S.O. 1654(E) PDF, 1.9 MB · Gazette	Amended	Issued the Synthetic Micro-Fibres for use in Cement Based Matrix (Quality Control) Order, 2022, dated April 5, 2022, in supersession of the 2021 order. It required the goods to conform to IS 16481:2016 and bear the Standard Mark under a licence from the Bureau of Indian Standards, and set its coming into force on October 3, 2022.

October 8, 2021	S.O. 4188(E) PDF, 1.2 MB · Gazette	Amended	The Synthetic Micro-Fibres for use in Cement Based Matrix (Quality Control) Amendment Order, 2021, dated October 8, 2021, substituted paragraph 1(2) of the 2021 order to read that the order shall come into force on the expiry of one hundred and eighty days from the date of its publication in the Official Gazette.
April 15, 2021	S.O. 1627(E) PDF, 1.3 MB · Gazette	In force	Issued the Synthetic Micro-Fibres for use in Cement Based Matrix (Quality Control) Order, 2021, dated April 15, 2021, under section 16 of the Bureau of Indian Standards Act, 2016, requiring the goods to conform to IS 16481:2016 and bear the Standard Mark under Scheme-I of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018, from one hundred and eighty days after publication.

Each notification is linked, as a PDF, in the list above.

Where a notification shows "Gazette", that links the Gazette of India's copy; ours was checked against it on October 20, 2026.

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