

REAL FUME SILICA FUME

REAL FUME is a ready-to-use powdered micro silica concrete admixture that complies with ASTM C1240 specification.

General Description

REAL FUME reacts chemically with the calcium hydroxide in the cement paste which yields a calcium silicate hydrate gel that greatly enhances strength and durability. The ultra fine micro silica fills the voids between cement particles creating a highly dense, less permeable concrete.

Appearance	-	Gray powder
Specific gravity	-	2.0
Bulk density approximately	-	400 - 600 kg/m ³

Recommended For

- Bridge decks
- Parking structures
- High density concrete
- High strength concrete
- Marine environments
- Precast concrete and etc
- Basement and underground structures

Advantages / Benefits

- High early strength gain for faster turnaround time
- Greatly improved freeze/thaw and scaling resistance
- Low permeability for greater resistance to water and salt penetration
- Increases abrasion and chemical resistance for a longer life expectancy
- High ultimate compressive and flexural strength for stronger and durable structural capacity
- Improves concrete performance to reduce column size, increases production and lower transportation and erection costs

Recommended Dosage

REAL FUME is normally used at the rate of 5% - 15% by weight of cement. It is batch at the ready-mix plant in a manner similar to cement or other cementitious materials such as fly ash and granulated slag.

REAL FUME is recommended to be used with a high-range water reducer in order to provide maximum workability while maintaining the desired low water/cement ratio.

Note: For direction on the proper use of **REAL FUME** in specific applications, please contact our sales representative.

Packaging

REAL FUME is supplied in bulk by tanker, 20kg and 25kg bag and also available in 1.2 m/ton bulk bag.

Storage / Shelf Life

REAL FUME can be stored for 6 months in tank and 1 year in tightly sealed original bag.

Health and Safety Precaution

Inhalation

In case of discomfort, move to a ventilated area.

Skin Contact

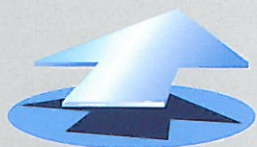
Flush skin thoroughly with water.

Eye Contact

Flush eyes with water and carefully rinse under eyelids. If irritation persists, consult a physician.

Ingestion

Immediately rinse mouth with water. Do not induce vomiting. If conditions worsen, consult a physician immediately.



REAL POINT

STATEMENT OF RESPONSIBILITY

The technical information and application advice given above are based on the present state of our best scientific and practical knowledge. As the information above is of a general nature, no assumption can be made as to the suitability of the product for a particular application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of the product for their intended use.

Field service where provided, does not constitute supervisory responsibility. The owner, engineer or contractor may reject or modify any suggestions made by REAL POINT SDN BHD either orally or in writing since ultimately it is their responsibility and not REAL POINT SDN BHD for carrying out procedures appropriate to a specific application.

REAL POINT SDN BHD (412492-U)

Corporate Office:

No.2, Jalan Intan, Phase NU3A1,
Nilai Utama Enterprise Park,
71800 Nilai, Negeri Sembilan
Darul Khusus.

Tel: 606 - 797 1633

Fax: 606 - 799 6833

Website: www.realpoint.com.my

Email: info@realpoint.com.my /
sales@realpoint.com.my

Kota Kinabalu:

Lot 15, Lok Kawi Industrial Estate, Phase II, KM 19, Jalan Penampang-Papar
Lama, 89600 Kinarut, Kota Kinabalu, Sabah.

Tel: 6088 - 750 622 / 751 622

Fax: 6088 - 752 622

Penang:

No.38-0, Ground Floor, Lorong Tangling Indah 3, Taman Tangling Indah,
Simpang Ampat, 14100 Simpang Ampat,
Pulau Pinang.

Kuching:

Lot 1479, (Sublot 156), Demak Laut Industrial Park,
Phase 2 (SMI Industrial Park), Jalan Bako, 93050 Kuching,
Sarawak.

Tel / Fax: 6082 - 433 230

Johor:

No.371, Jalan Idaman 3/9, Kawasan Perindustrian Desa
Idaman, 81400 Senai, Johor Darul Takzim.