

RONGTONG MICROSILICA

Technical Data Sheet

DESCRIPTION:

Rongtong Microsilica is a superfine pozzolan (100 times finer than cement), with a beneficial effect for concrete.

Reacting with the liberated lime, from the water/cement reaction, **Rongtong Microsilica** improves the strength and durability of concrete:

TYPICAL BENEFITS OF RONGTONG MICROSILICA:

- Increase both the compressive and tensile strength of concrete.
- Improves concrete resistance to abrasion.
- Reduces water permeability.
- Prevents alkali-silica reaction in concrete.

USES:

Principle uses of **Rongtong** concrete includes: concrete slabs, pavements, driveways, kerbs, pipes, overlays, patch repair, thin section walling, concrete block, marine concrete, heavy industrial floors, etc...

COMPATIBILITY WITH OTHER ADMIXTURES AND CEMENTS:

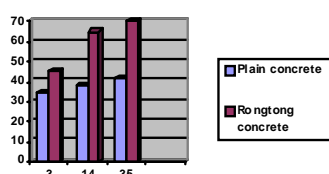
Rongtong Microsilica can be used with all types of cement and is compatible with all admixtures.

Rongtong Microsilica meets the requirements in the Standard Specifications for Microsilica (Silica Fume) – ASTM C 1240-95a and the Norwegian Standard NS 3045.

Rongtong Microsilica is not characterized as dangerous to the environment.

STRENGTH COMPARISON:

- Indicative strength comparison between plain concrete and Rongtong concrete at 3 days, 14 days and 28 days



TYPICAL TECHNICAL AND PHYSICAL PROPERTIES:

Bulk Density	:	620 kg
SiO ₂	:	min. 90%
SO ₃	:	max. 2%
C	:	max. 2.5%
C1	:	max. 0.1%
LoI	:	max. 3%
Particles + 44 micron:	:	max. 3%
Specific Surface Area:	:	min 15 m ² /gr.
Particle shape	:	Angular
Colour	:	Grey

PACKAGING:

Rongtong Microsilica is available in jumbo bags of Circa 1.0 MT.

STORAGE:

Should be stored in dry conditions, similar to cement.

TECHNICAL ADVICE:

The technical Department is available to assist you in the correct use of our material and its resources are at your disposal entirely without obligation.

SAFETY PRECAUTIONS:

Information contained in this data sheet is based on knowledge considered to be true and correct and is offered for the user's consideration, investigation and verification, but we do not warrant the results to be obtained. No statement, recommendation or suggestion is intended for any use which will infringe any patent or copyright.

Rongtong Microsilica is marketed in the Gulf Region by:



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