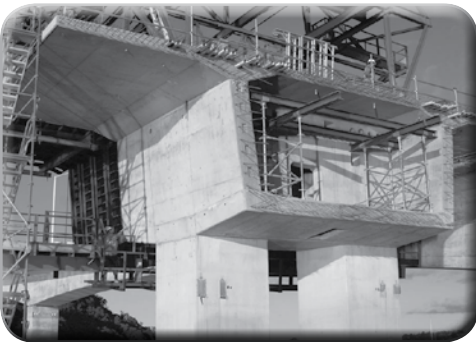




Concrete Mixing



A Natural Pozzolan for High Performance Concrete



Microsilica 600

Concrete Mixing

Microsilica 600 particles do not agglomerate therefore there is no need for extended mixing times to break up the agglomerates, as is necessary with silica fume powders. Standard mixing procedures, if followed correctly, should ensure that adequate dispersion and wetting of the microsilica particles is achieved.

A moderate increase in overall mixing time is necessary if Microsilica 600 "concrete ready" degradable paper bags are used.

Do not add Microsilica 600 after the cement and water has been placed in the mixer.

Recommended Mixing Procedure

1. Weight load as normal
2. Load initial mix water and 10% of the aggregate into truck or mixer.
3. Add MICROSILICA 600 "concrete ready" bags to the back of the truck or mixer and mix for at least 2 minutes to ensure complete dispersion
4. Load the remaining aggregate, sand, cement, admixtures and water and mix as per NZS 3104

MICROSILICA 600 APPLICATIONS & INFORMATION

Other Microsilica 600 applications for specialist concretes and high performance concrete are detailed in the following brochures:

- Industrial & Commercial Floors
- Marine Concrete
- High Strength Concrete
- Water Proof Concrete
- Shotcrete

Reference should also be made to the operational and safety requirements in the following documents:

- Chemical Resistant Concrete
- Health & Safety Data Sheet
- Concrete Placement & Finishing Procedures
- Plastic Properties of Microsilica 600 Concrete

Product Note

The information contained in this brochure is offered in good faith and every effort has been made to ensure its accuracy. However, due to differences in conditions, environments and materials no liability is accepted by Microsilica NZ, Golden Bay Cement or their agents for loss or damage, direct or otherwise, resulting from the application of the information contained herein. Microsilica NZ reserves the right to change product specification without prior notice



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