

Monier Ready-mix Concrete

Monier has set a high standard with our premium “Monier Ready-mix Concrete”. Using the accurate and fast Command Alkon computer controlled batching facilities software, for wet and dry mixing technology. Modern and well maintained trucks and market leading processes and procedures, ensures every cubic metre of Monier Concrete is consistent and of a high quality.

**FROM LOW STRENGTH TO
HIGH STRENGTH CONCRETE,
MONIER HAS IT ALL**



MONIER
LIMITED

THE MARK OF QUALITY

THE STANDARD RANGE OF READY-MIX CONCRETE

All Monier Ready-mix Concrete is batched and supplied in accordance with the latest version of AS1379 – “Specification and supply of concrete” and tested to relevant AS1012 standards to ensure ongoing quality. Monier’s Inspection and Test Plans (ITP’s) are set to sample and test our Ready-mix concrete at a greater frequency than required by AS1379, which means we have a great history and understanding of all our mixes. This means our customers have a high level of confidence in our products and can tackle the biggest jobs knowing we are right behind them all the way.

N20 MPA/20MM MAXIMUM AGGREGATES/80MM SLUMP

N25 MPA/20MM MAXIMUM AGGREGATES/80MM SLUMP

N32 MPA/20MM MAXIMUM AGGREGATE/80MM SLUMP

N40 MPA/20MM MAXIMUM AGGREGATE/80MM SLUMP

N50 MPA/20MM MAXIMUM AGGREGATE/80MM SLUMP

N20 MPA/10MM MAXIMUM AGGREGATE/80MM SLUMP

N25 MPA/10MM MAXIMUM AGGREGATE/80MM SLUMP

N32 MPA/10MM MAXIMUM AGGREGATE/80MM SLUMP

N40 MPA/10MM MAXIMUM AGGREGATE/80MM SLUMP

N50 MPA/10MM MAXIMUM AGGREGATE/80MM SLUMP

Also available in 100mm nominal slump.

Note: 80mm slump means a 80±15mm (65mm-95mm)
100mm slump means a 100±20mm (80mm to 120mm)

COMPLIANCE

All our raw materials used in the manufacture of Monier concrete are quality certified and compliant to relevant Australian Standards.

SPECIAL CLASS

Monier have an experienced and well qualified technical team in materials technology with specialist consultants also available as required for large or complex projects. Meaning Monier can design, manufacture and supply concrete to suit all our customers’ needs.

Monier Ready-mix Concrete

TECHNICAL DATA SHEET



THE MARK OF QUALITY

PRODUCT NAME:

Monier Ready-mix Concrete

MANUFACTURER / TECHNICAL SERVICES:

Monier Limited Saraga St, 6 Mile, P.O Box 734,
Port Moresby, Papua New Guinea

PHONE: +675 325 3344 / 7111 1674

FAX: +675 325 3389

EMAIL: admin@monier.com.pg

WEB: www.monier.com.pg

For additional information, please contact
Monier Technical Department.

PRODUCT DESCRIPTION:

General:

Ready-mix concrete complying with the latest version of AS1379 – Specification and Manufacture of Concrete.

BASIC USE:

Monier Ready-mix Concrete is a ready to use plastic concrete which needs to be correctly placed, compacted, finished and cured to reach its engineering properties of strength etc. If not handled correctly these properties cannot be guaranteed by Monier.

TYPES:

Monier Ready mixed Concrete is manufactured and supplied in accordance with the latest version of AS1379 for both normal class and special class strength grades this includes:

Normal class:

N20 MPA/ 20mm maximum aggregate/ 80mm slump
up to N50 MPA/ 20mm maximum aggregate/ 80mm slump
Including 10mm maximum aggregate sizes and 100mm nominal slump options.

COMPOSITION:

Monier Ready-mix Concrete is made from Portland Cement, aggregates, water and admixtures to help control set time. All materials are handled stored and used responsibly to ensure quality at all times.

LIMITATIONS:

Monier Ready-mix Concrete must be handled correctly, placed compacted finished and cured to relevant standards and practices to achieve its design engineering properties. Failure to correctly follow these steps may lead to unplanned concrete cracking or defects.

TECHNICAL DATA:

Applicable standards:

- AS1379 - Specification and Manufacture of Concrete
- AS3972 - Portland Cement standard
- AS1012 - Concrete test methods
- AS2758.1 - Aggregates and rock for engineering purposes
- AS1141 - Aggregate test methods
- AS1478.1 - Chemical admixtures

