

PRODUCT TECHNICAL STATEMENT – READY MIXED CONCRETE

Document version

Version 26.05.16

Product Description

Counties Ready Mix™ ready mixed concrete containing cement (including cementitious binders), sand, aggregates, water (including recycled water), admixtures and additives (oxides and the likes) is manufactured in a range of 28 day strengths from 17.5MPa to 50.0MPa to NZS 3104 and is independently audited by the New Zealand Ready Mix Associations “Plant Audit Scheme” (ISO 9001 certified). Current NZRMCA certificates 13395 & 13396.

Purpose and Use

Counties Ready Mix™ ready mixed concrete is suitable for use as structural concrete elements in residential, commercial and industrial applications designed to NZS 3604, NZS 3101, NZS4229 or NZS4230 and constructed in accordance with NZS3109.

Conditions

Counties Ready Mix™ ready mixed concrete is manufactured to a high standard, uncontrolled additions of water, additives and admixtures by others or delays in concrete placement beyond that specified in NZS3109 will invalidate this PTS. Cracking in concrete is not deemed as product failure. Counties Ready Mix™ ready mixed concrete must be cured in accordance with NZS3109.

Compliance with the New Zealand Building Code

B1 Structure - Counties Ready Mix™ ready mixed concrete complies with section B1 of the NZBC by means of annual certification by the NZRMCA “Plant Audit Scheme”

(<http://www.rmcpplantaudit.org.nz/>)

B2 Durability - Counties Ready Mix™ ready mixed concrete complies with section B2 of the NZBC by means of annual certification by the NZRMCA “Plant Audit Scheme”

(<http://www.rmcpplantaudit.org.nz/>)

C Fire Performance - Counties Ready Mix™ ready mixed concrete are classified as “non combustible”

H1 Energy Efficiency

F2 Hazardous Building Materials - Counties Ready Mix™ ready mixed concrete complies with section F2.3.1 of the NZBC

Design, Construction and Installation Instructions

Construction and installation shall be in accordance with the designer’s plans, specifications and instructions.

Maintenance Requirements

Annual inspection with repair of any cracks as necessary. To avoid surface damage it is recommended to avoid surface cleaning by harsh water blasting and / or chemicals with a PH lower than 6.

Quality Assurance

Counties Ready Mix™ ready mixed concrete is manufactured to NZS 3104 and is a member of the New Zealand Ready Mix Association. Counties Ready Mix™ ready mixed concrete manufacture is audited by the NZRMCA “Plant Audit Scheme” (ISO 9001 certified). Certificates 13395 & 13396

Product Support

Specifiers and compliance officers are directed to <http://www.crml.co.nz/brochures.html> to download the latest document versions.

Warranty Information

Counties Ready Mix™ will warranty the supplied ready mixed concrete up to the point it is discharged from the ready mix truck. Failure to place and cure concrete in accordance with NZS3109 will invalidate this warranty.