



CANMET

Canada Centre for
Mineral and Energy
Technology

Centre canadien de la
technologie des
minéraux et de l'énergie

28-Day Compressive Strength Monitor Cement CM-2

RECOMMENDED VALUE

28-Day Compressive Strength, MPa	
Mean	39.8
95% confidence limits	38.8 - 40.7
Within laboratory standard deviation	1.1

Following the depletion of the first National Strength Monitor Cement Sample, CM-1, a second National Monitor Cement Sample on strength, CM-2, has been prepared under the auspices of the Canadian Standards Association (CSA) Committee on Hydraulic Cements.

CM-2 is intended for use in the verification of testing procedures for compressive strength testing of cements.

Sample CM-2 is a Type 20 cement obtained from the production of a Canadian cement plant. Approximately 1.5 metric tonnes of the material was blended in one lot, bagged into 2.5-kg units, and packed into plastic containers.

Twenty-two Canadian cement testing laboratories participated in the cooperative testing program used to characterize cement sample CM-2, by testing its 28-day cube compressive strength in mortars. Two samples of the homogenized cement were sent to each of the participating laboratories who were asked to deter-

mine the compressive strength of mortar cubes as per CAN/CSA-A5-M88 "Portland Cements".

Characterization was in terms of 28-day strength only.

A report, *MSL 91-36 (TR)*, describing this reference material is available at no charge upon request to:

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LEGAL NOTICE

The Committee on Hydraulic Cements, CSA, has prepared and characterized this reference material to the best of its ability. The purchaser, by receipt hereof, releases and indemnifies CSA and the Canadian Certified Reference Materials Project from and against all liability and costs arising out of the use of this material and information.

Pour obtenir la version française du présent certificat d'analyse, prière de s'adresser au Coordinateur du PCMR.