

AMERICAN

GERMAN

ALSEN'S AMERICAN

is sold under a guarantee other domestic portlands cannot make in good faith. That guarantee is backed by the oldest and most responsible manufacturers in the world. Selected for the

PANAMA CANAL

in Preference at Equal Prices and is exceeding those severe requirements.

45 Broadway, NEW YORK CITY

"JUDGE A CEMENT BY ITS WORKS"

One Grade**"The Cement of Quality"****The Highest**

Tests of

**NATIONAL Portland Cement**

BY

The City Engineer of Toronto for 1903-4

Note the High Grade of National. Compare it with others.



Year.	No. Samples Tested.	Soundness Fajji Test.	Specific Gravity	Residue in Test on No. 100 Sieve	Setting Time in Minutes		Tensile Strength in pounds per square inch.									
					Initial	Final	Neat.					3 (Sand) to 1 (Cement)				
							1 dy.	7 d. 6.	28 d. 6.	3 mos.	1 yr.	1 dy.	7 d. 6.	28 d. 6.	3 mos.	1 yr.
1903	20	O.K.	3.135	2.1	162	345	307	701	783	827	*	74	214	299	367	*
1904	44	O.K.	3.150	2.0	132	342	300	744	848	914	938	86	62	354	401	427

* Tests for 1 year were not completed when records closed. 1905 report not yet issued.

THE BEST IS THE CHEAPEST

The National Portland Cement Company

Limited

Toronto Sales Office : 22 James Building

Head Office and Mills : DURHAM, ONTARIO

WE BUILD**STRUCTURAL STEEL**

for

Bridges, Viaducts and every other purpose

5,000 Tons
in Stock

**BEAMS
ANGLES
CHANNELS
PLATES, ETC.**

Stock lists furnished on application

The **HAMILTON BRIDGE WORKS COMPANY, Limited**
HAMILTON, CAN.