

PEBBLES.

In the grinding of materials a certain type of machine is sometimes used, known as a pebble mill. The material to be pulverized is charged into the cylinder, which is rotated. The constant shifting of the pebbles contained grinds the material to a high degree of fineness. This type of mill is extensively used in the grinding of cement.

The pebbles used should be tough, hard, and not easily split or chipped.

Well rounded pebbles of flint, quartzite, and granite, measuring about four inches in diameter, are those usually used for the grinding of cement clinker.

The price varies from \$8 to \$12 per ton.

Amount of pebbles used in the manufacturing industries, as reported by the consumers:—

Location	No. of firms reporting consumption	Domestic and Imported
		Tons
Maritime Provinces.....	—	—
Quebec.....	1	725
Ontario.....	11	1030
Prairie Provinces.....	3	270
British Columbia.....	1	200
Canada (Total).....	16	2225