

Rip Rap & Filter Rock greater vancouver aggregates division

Features and Advantages

All *Pitt River Quarries Rip Rap & Filter Rock* is produced from some of the highest quality igneous intrusive granite rock on the West Coast, by means of drilling & blasting, crushing, washing and vibratory screening. This is done to meet even the most stringent specifications under our Quality Assurance Program. Both feed stock and finished gradations are produced through our Crushing and Sizing Equipment using the latest industrial quarry processing technology. The result is an environmentally clean, 100% fractured "Salt & Pepper" coloured rock with a consistent and uniform particle size distribution, superior to most local pit filter aggregates, armour or rip rap.

Pitt River Quarries Rip Rap & Filter Rock is produced in a number of gradations and is commonly used to aesthetically enhance your landscape project, as ground cover or for erosion control.

Pitt River Quarries Rip Rap & Filter Rock is used as foreshore protection and underwater as hydro or gas line scour protection materials. It is also used in the building of marine jetty breakwaters and in the maintenance of our shorelines as erosion control along our many waterways in and around the Lower Mainland. It is also commonly used in landscape applications as natural feature boulders and bollards, markers and monuments.

By using *PRQ Rip Rap & Filter Rock* you are supporting a BC produced rock product that is available to meet your construction or production needs year-round. Our clean, non-leaching environmentally sound rock products are available to be delivered to you by truck or they can be shipped directly to your project site by barge using the Fraser River Waterways System.

Particle Size Analysis

Typical Values

- Data shown here is as per the BC-MoTI Section 205 for Rip Rap - Table 205A
- Most products are inventory items. Project specifications will be produced to meet your specific needs.

Class of Rip Rap in Kilograms	Imperial Equivalent	Metric Equivalent	Nominal Thickness in Millimeters	Nominal Thickness in Inches
2.5	1" x 4"	50mm x 150mm	175	7
5	1" x 8"	25mm x 220mm	250	10
10	4" x 9"	100mm x 225mm	350	14
25	4" x 12"	100mm x 300mm	450	18
50	4" x 15"	100mm x 375mm	550	22
100	4" x 18"	100mm x 450mm	700	28
250	8" x 24"	200mm x 600mm	1000	40
500	10" x 32"	250mm x 800mm	1200	48
1000	13" x 40"	325mm x 1000mm	1500	60
2000	16" x 51"	400mm x 1275mm	2000	80
4000	21" x 72"	525mm x 1800mm	2500	100



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Product Properties

Typical Values — Data shown here is accurate and reliable, but not a specification.

Property	Test Method	Unit	Typical Values
Absorption	CSA A23.2-12A, ASTM C-127	Value / Index	0.45
Bulk Density	CSA A23.2-12A, ASTM C-128	Value / Index	2.78
Durability Index Test	ASTM D-3744	mm	82
Los Angeles Abrasion	CSA A23.3-16A, ASTM C-131	% Loss	10
Magnesium Sulphate Soundness	CSA A23.2-9A, ASTM C-88	% Loss	0.1
Specific Gravity	ASTM C-127, Dry Basis	Tonnes / M3	2.74

Petrographic Analysis

Typical Values — Data shown here is accurate and reliable, but not a specification.

Plagioclase	47%
Quartz	20%
Homblande	13%
Orthoclase	10%
Biotite	7%
Epidote	3%
Mafic and other	<1%

The overall physical quality, strength and durability of the crushed rock is considered to be satisfactory for most aggregate products and most engineering applications. The **Petrographic Number** or PN of 104 confirms this judgment, as it corresponds to an aggregate of **excellent** quality. The Petrographic Examination of our Aggregates was tested in accordance with ASTM C-295.



Our Safety Policy will not allow any individual "Hand Picking" of our Rip Rap Rock.

Ordering Information

Material Location:

Our Rip Rap Rock is available at our Pitt River Quarries, located at 16101 Rannie Road, Pitt Meadows and at our Ward Road Quarry, located at 37271 Ward Road on Sumas Mountain in Abbotsford.

Division Office:

19633 98A Avenue
Langley, BC, V1M 3G5
Office: 604-455-6200
Dispatch: 604-455-6222

Visit... www.LafargeHomeDelivery.com

NOTICE:

All information contained herein is correct to the best of our knowledge. Pitt River Quarries disclaims any variation in its accuracy, all values are typical. Recommendations or suggestions are made without guarantee as to result, since conditions of handling and use are beyond our control. Materials are sold under Pitt River Quarries standard terms and conditions of sale and on the condition the purchaser make his own tests to determine suitability of each product for the buyer's purpose.



Pitt River Quarries, Division of Lafarge Canada Inc.

aggregates dispatch: 604-455-6222

**YOUR SUPPLIER OF CHOICE FOR HIGH
QUALITY QUARRIED RIP RAP & FILTER ROCK**

