



Nordegg 100mm Crushed Rock Base Material

Our 100mm minus crushed rock base material available at our Nordegg quarry is crushed directly from our blasted rock walls. This material is completely manufactured, all particles have 100% fracture faces, and contains zero clay, organic or other low density materials. The cubical nature of particles created by our impact crushers also serves to give these materials superior compaction properties. Perfect for use as an asphalt or concrete base material as well as gravel yard or gravel road topping material.

Benefits of Fish Creek Excavating Concrete Aggregates:

- 100% manufactured material
- Zero clay, organic or low density material content
- Low flat or elongated particle content
- Superior compaction
- High calcium carbonate (limestone) content

Typical Fish Creek Excavating Crushed Rock Product Properties

Fractured Faces	100%
Clay Lump Content (CSA A23.2-3A)	0.0%
Low Density Granular Materials (CSA A23.2-4A)	0.0%
Material Finer Than 80µm (CSA A23.2-5A)	<2.0%
Flat & Elongated Particles (CSA A23.2-13A)	1.9%
LA Abrasion Test (ASTM C131)	24.0%
Micro-Deval Abrasion Test (CSA A23.2-23A)	9.7%
Calcium Carbonate Content (CaCO ₃)	97.1%

Fish Creek Excavating Crushed Rock - Typical Nordegg Chemical Analysis

Chemical/Elemental Composition	Nordegg
CaO (Calcium Oxide)	54.55%
MgO (Magnesium Oxide)	1.05%
SiO ₂ (Silicon Dioxide)	0.14%
Fe ₂ O ₃ (Ferric Oxide)	0.06%
Al ₂ O ₃ (Aluminum Oxide)	0.38%
LOI (Lost On Ignition)	42.70%

Typical 100mm Crushed Rock Base Material Gradation

