

RIPRAP

Any product that meets the requirements of Alberta Transportation Standard Specification for Highway Construction, Specification 2.5 Riprap or Specifications for Bridge Construction, Section 10 Heavy Rock Riprap qualifies under this section.

RANDOM ROCK RIPRAP

Random rock riprap shall consist of a graded mixture of sound, durable stone or pit-run gravel. The gradation of the mixture shall be such that 50 percent of the riprap consists of material having a least minimum dimension of 250 mm.

HAND-LAID RIPRAP

The Contractor has the option of supplying Hand-Laid Rock Riprap, Sacked Concrete Riprap or Sacked Cement Stabilized Riprap all of which will be classed as Hand-Laid Riprap.

Rock Riprap

Hand-laid riprap material shall consist of sound, durable stones having a least minimum dimension of 200 mm.

Sacked Concrete Riprap

Concrete shall be manufactured in accordance with Portland Cement Concrete for Class S concrete.

Clean, well graded pit-run gravel, in lieu of separated sand and gravel, may be used in the manufacture of concrete.

Sacked Cement Stabilized Riprap

Cement stabilized material shall be manufactured in accordance with Cement Stabilized Base Course.

Burlap Sacks

Sacks for sacked riprap shall be 370 mm x 685 mm, 285 g burlap of approximately 0.03m³ capacity. The bags shall be of sufficient strength to permit them to be lifted by the top corners of the bag when filled with the applicable materials.

HEAVY ROCK RIPRAP ([SECTION 10](#))