

PART 1 - GENERAL

1.1 DESCRIPTION

- .1 This section specifies the requirements for supply and installation of mooring devices as follows:
 - .1 Supply and installation of Types “B1” mooring cleats.

1.2 RELATED WORK

- .1 Section 02 41 16 - Sitework, Demolition, and Removal.

1.3 MEASUREMENT FOR PAYMENT

- .1 Mooring Cleats - Type “B1”: The supply and installation of Type “B1” mooring cleats will be measured by the unit, supplied and secured in place. Contractor to provide all equipment, and labour necessary for installation.

PART 2 - PRODUCTS

2.1 MATERIALS

- .1 Mooring Devices:
 - .1 Mooring Cleats Type “B1”: carbon cast steel, 32.6 kg weight as dimensioned on the drawings.
 - .2 Bolts and Nuts: to ASTM A307, galvanized.
 - .3 Galvanizing: to ASTM A123/A123M-09, minimum zinc coating 610 g/m².
 - .4 Welding: to CSA W59.
 - .5 Sealer: to Section 07 92 10.
 - .6 Primer: Alkyd undercoat, exterior oil ferrous metal primer, similar to Pittsburgh 6-208.
 - .7 Paint: Alkyd/Oil Resin paint similar to Pittsburgh Paints “Brilliant Red (Safety Red)” Product ID 7-801. Paint to conform to CAN/CGSB-1.61-2004.

2.2 SHOP DRAWINGS

- .1 Submit fabricator’s shop drawings on cleats in accordance with Section 01 33 00 - Submittal Procedures.

PART 3 - EXECUTION

3.1 INSTALLATION

- .1 Mooring Cleats - Type "B1":
 - .1 Secure cleats with two (2) 25 mm diameter drift bolts through the wheelguard, wheelguard blocking, plank decking, deck beam, and two (2) crib timbers below as shown on detail drawings. Bolts to be of lengths required to complete the installation, complete with associated hardware.
 - .2 After cleat installation is complete, bolt holes in cleats to be filled with approved waterproofing compound.

3.2 PAINTING

- .1 Paint ferrous metal portion of mooring cleat.
- .2 Use one (1) coat of exterior oil ferrous metal primer and two (2) coats of alkyd/oil resin paint as specified. Paint materials for each coat to be product of a single manufacturer as specified. Ensure previous coat of primer or paint is dry before second coat is applied.