

# SPECIFICATIONS

## REMOVABLE FISH WEIR

### SCOPE

This specification applies to the performance, materials and manufacture of the patent-pending removable fish weirs provided by Soleno.

### WEIR REQUIREMENTS

The removable fish weir will be provided by Soleno Inc. and will comply with this material specification and the conditions of Schedule 10 of the Regulations respecting the Sustainable Development of Forests in the state domain (RRSDF).

#### The weir shall:

- Have a height of 500 mm (20 in) or more;
- Have non-cutting edges;
- Be equipped with buttresses;
- Must not be inclined more than 9 degrees from the transverse axis of the pipe.

### PIPE REQUIREMENTS

The pipe in which the removable fish weir will be installed shall be built with corrugated galvanized steel, and shall comply with standard CSA G401. Corrugations shall be spiral-shaped, except at the ends, where they shall be re-rolled, to allow the use of corrugated split couplers.

- The number of weirs and their location in the pipes must comply with the standards set out in Table 2 of Schedule 10 of Regulations respecting the Sustainable Development of Forests in the state domain (RRSDF).
- The joint between the weir and the pipe must be watertight.
- The sealant will be urethane-based.

### RAW MATERIALS

The steel used for these pipes is cold rolled and hot dip galvanized according to standard ASTM A929. The total weight of the zinc coating, for both faces, corresponds to the designations Z275 and Z610, respectively. The weir will be made of hot-dip galvanized corrugated steel and will comply with ASTM A123 and A385 standards.

### JOINT PERFORMANCE

Split couplers shall have a corrugated collar, be made from the same material as the main pipe and shall comply with standard CSA G401. A Soleno Textile TX-F geotextile (1000 Newtons) covers the assembly.

### DIMENSIONS AND QUANTITIES

Dimensions and quantities shall comply with tender documents and drawings.

### INSTALLATION

Installation shall be carried out in accordance with current regulations, and following Soleno's recommendations. Contact the Soleno representative in your region or visit our website at [www.soleno.com](http://www.soleno.com) for installation recommendations.