ICHTYOLOGIC

107 Avenue Henri Freville
CS 10 704 35207 Rennes cedex 2 France
Tel : 07 81 01 89 21 / Fax : 02 99 77 31 96
contact@ichtyologic.com

DATA SHEET

EEL SUBSTRATES

Special brushes are manufactured to restore eel migration ways. They can be used to create crawling gutters on dams to restore upstream migration of eels, elvers and glass eels. Porosity varies depending on the model (type elver 3082 support / m²). Different kinds of eel substrate could be used depending on the eel length.

Flexible brushes adapt to curved structures (curved support pipes ...).

ADVANTAGES

These specific brushes allow the use of steep slopes for eel passes (up to 45 °). They remain effective with high flow rates and drafts.
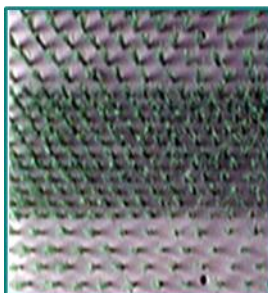Standard size: 0.40m x 1.00m.They can be made to measure, the width (between 0.10m and 0.50m) will be specified in the order.
Pre-drill plates facilitate installation with dowels. In case of wear they can be replaced.
The materials used allow cutting for adaptation during application.

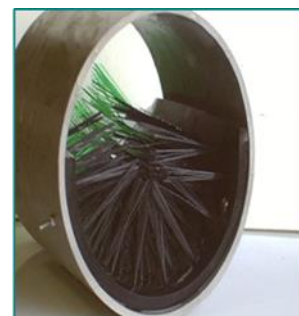## PICTURES

Reference : BR/BS

Mixed substratum for trapping boxes

Eel substratum in a double slope crawling gutter

Two colors used

It could be rigid (standard) or supple

TECHNICAL CHARACTERISTICS

Brush type	Ref	Standard width	Type of migrant			Color	Options
Rigid	BR	0,40	Mixed (1)	Elvers (2)	Large(3)	Black	Width (0,50> l >0,10 m)
Flexible	BS	0,20	Mixed (1)	Elvers(2)	Large (3)	Black	Green color

Material: Fibre-type nylon with hydrophobic adjuvant.
Options: 0.40 m standard or custom, brush colors.
Weight: 4.2 kg.
Pre-drilled for mounting.
Fastened with anchors, bolts ...

INSTALLATION

Usually, eel-substratum covers a slope with a double dip :

- Side dip : from 20 to 45 ° (maximum) Width will be adapted to water level fluctuation.

- Longitudinal dip : up to 45° (maximum). Length of the gutter is adapted to the difference in level.

Length of equipment is adapted to the dam.

The plates are pre-drilled. They can be made to your dimensions. They will be bolted or pinned on the ramp double dip. When fixing, it is necessary to leave an expansion space between the plates of 8mm with a silicone gasket. It's a standard part, we can easily change it.