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## DATA SHEET

### STUDS SUBSTRATES

This substrate is used to create roughness on a water passage to facilitate the passage of fish species. The studs are 30 mm high with a minimum spacing between studs of 14 mm; porosity to 626 appuis/m<sup>2</sup>. It is possible to define either an aligned or staggered alignment of the studs.

### ADVANTAGES

The shape of the studs reduces clogging and facilitates cleaning; the material used offers a good impact resistance. Additionally, the reduced weight and the flexibility make installation easy.

### PICTURES

**Reference : SS**



## TECHNICAL CHARACTERISTICS

Sheet lengths : 735 X 391 X 33 mm

Weight : 1.2 kg

Materials : ABS

Pre-bored for fixing (9 fixings per plate)

Fixing by screws, bolts, etc...

## INSTALLATION

Plates are pre-bored. They are bolted or pinned on the slope with a double dip. An 8 mm space of dilatation must be let between plates with silicone gasket.

The substratum covers a ramp with a double dip :

- Side dip : from 5 to 20 ° ( Maximum) Width of equipment will be adapted to the upstream water level fluctuation. The portion of the gutter used by fish is covered with less of 20 mm of water deep.

- Longitudinal dip : from 5 to 30 ° ( Maximum). Length of equipment is adapted to the difference in level, above 2.5m high; it is necessary to create a resting pool.