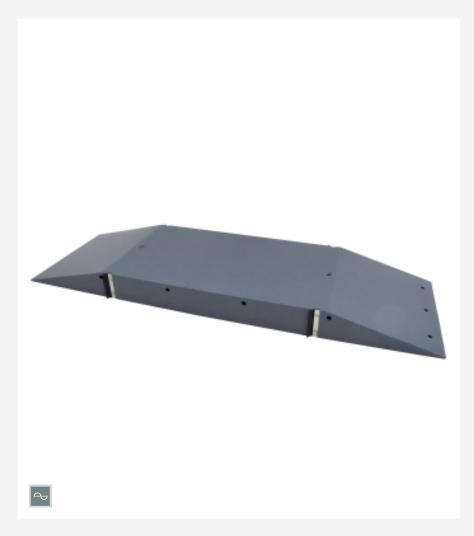


HM 162.44



Learning objectives/experiments

■ behaviour of open channel flow at a reduction of flow cross-section

Specification

- [1] sill for experimental flume HM 162
- [2] sill with sealing lips
- [3] removable assembly aids

Technical data

Inclination of inlet/outlet element: approx. 15°

Material: PVC

LxWxH: 1020x304x70mm Weight: approx. 10kg

Scope of delivery

- 1 sill
- 1 set of accessories
- 1 manual

Description

■ reduction of the flow crosssection in a flume

Sills are used to reduce the flume slope to decrease erosion processes at the flume bottom. Usually, they are designed as a step downstream. Fish ladders are often made of small sills. Bridge pier foundations may have the same effects as a sill.

Sills cause a reduction of the flow crosssection. The behaviour of open channel flow at a reduction of the flow cross-section can be observed using the sill HM 162.44.



HM 162.44

Sill

Required accessories

HM 162 Experimental flume 309x450mm