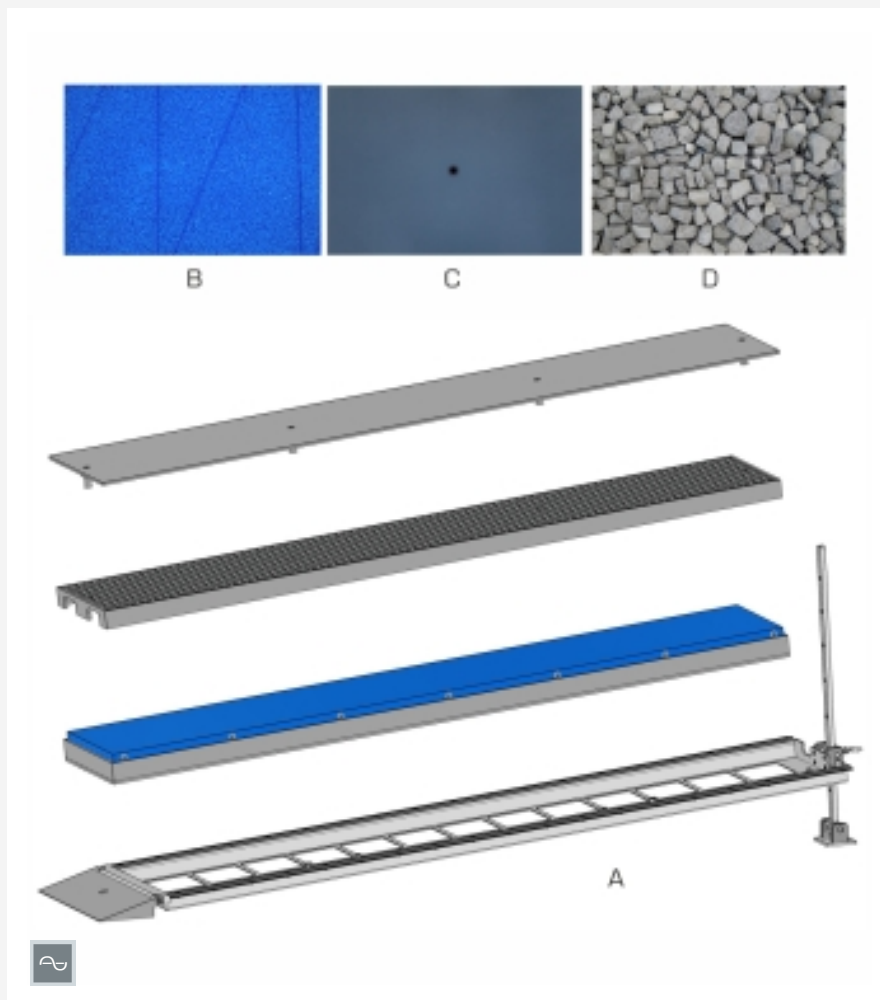


HM 163.80

Set of beaches



A frame with inclination adjustment, B detail beach surfaces B permeable surface, C impermeable plain surfaces, D impermeable rough surface

Description

■ impermeable plain beach, impermeable rough beach and beach with permeable surface

In combination with the wave generator HM 163.41, HM 163.80 is used to study the wave run-up at different beaches.

HM 163.80 consists of a stainless steel frame on which different beach surfaces are mounted. The inclination of the beach can be changed in 5% steps in order to observe the wave run-up under different conditions.

Different types of beaches are studied: a beach with a permeable surface or an impermeable beach, a plain or a rough beach.

Learning objectives/experiments

- together with the wave generator HM 163.41:
 - ▶ wave run-up at
 - an impermeable plain beach
 - an impermeable rough beach
 - a beach with permeable surface
 - ▶ effect of beach inclination
 - ▶ effect of depth of water

Specification

- [1] beaches for the experimental flume HM 163
- [2] wave run-up at different beaches: impermeable plain beach, impermeable rough beach, and beach with permeable surface
- [3] simulation of differently ascending beaches by adjusting the inclination of the frame
- [4] all components made of corrosion-resistant materials

Technical data

Beach surfaces

- impermeable plain beach
LxW: 1377x366mm
- impermeable rough beach
LxW: 1373x336mm
- beach with permeable surface
LxW: 1373x336mm

Inclination of the frame: 5...40% in 5% steps

LxWxH: 1300x404x480mm
Weight: approx. 35kg

Scope of delivery

- 1 frame
- 3 beach surfaces
- 1 set of accessories
- 1 manual

HM 163.80

Set of beaches

Required accessories

HM 163	Experimental flume 409x500mm
HM 163.41	Wave generator