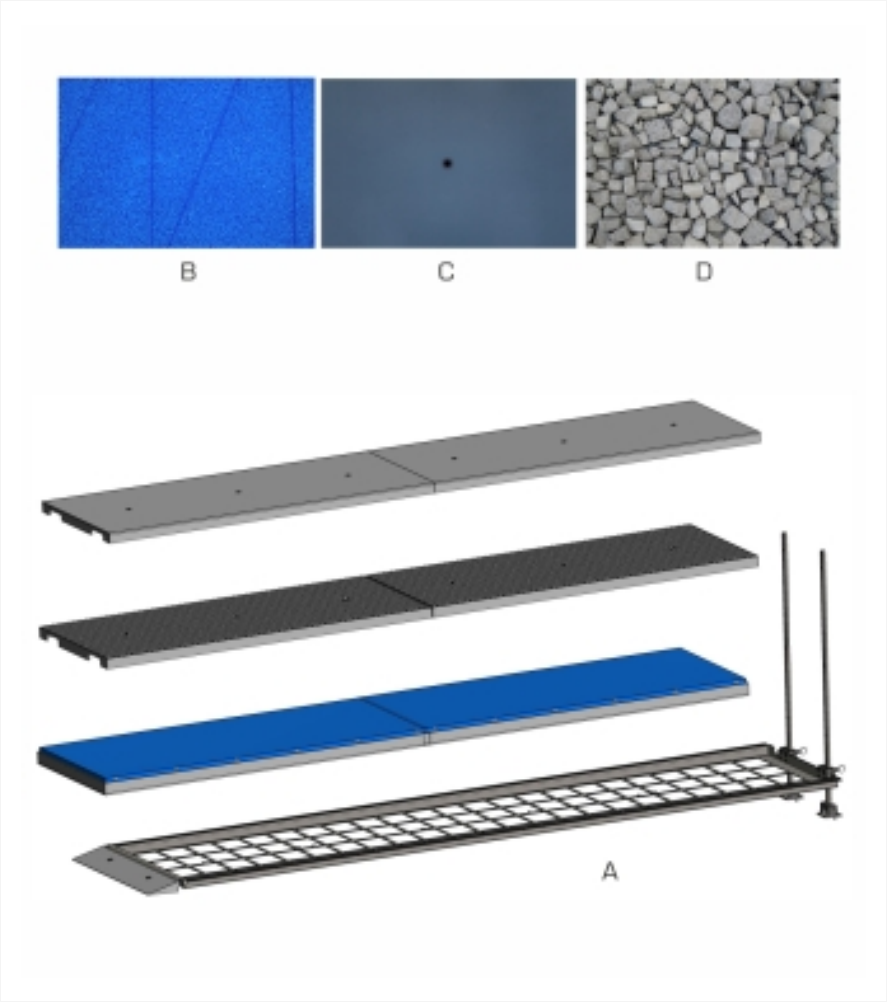
HM 161.80
Set of beaches



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 161.41, HM 161.80 is used to study the wave run-up at different beaches.

HM 161.80 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 161.41:
- ▸ 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 161
[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 surface, LxW: 2372x526mm

Inclination of the frame: 5...35% in 5% steps

LxWxH: 2600x600x880mm
Weight: approx. 65kg

Scope of delivery

1 frame
3 beach surfaces
1 set of accessories
1 manual

HM 161.80
Set of beaches

Required accessories

HM 161	Experimental flume 600x800mm
HM 161.41	Wave generator