



***Floodwater Barrier
Slide-insert
Stackable***

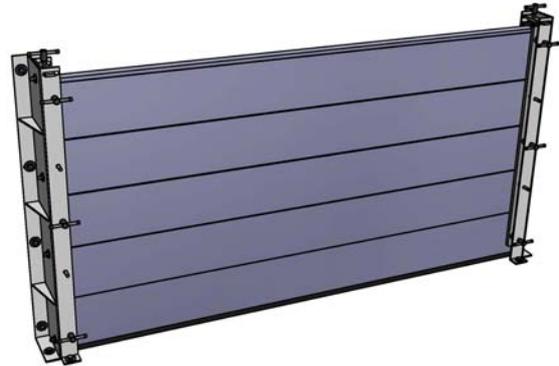
HAP-SB

A. Flood Barriers

1. Flood Barrier BL/HAP-SB	Item No.: 324 / 329 / 337
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1 Flood Barrier Type BL/HAP-SB Stationary Barrier System

Item No.: 324, 329, 337



Flood Barrier Slide Insert Stackable

Dimensions:	
Flood Barrier HAP-SB 200-50 / BL324	Aluminium Profile 200x50x4
Flood Barrier HAP-SB 150-80 / BL329	Aluminium Profile 150x80x4
Flood Barrier HAP-SB 150-100 / BL337	Aluminium Profile 150x100x4

1.1 Description

Suitable for crack-free surfaces with ground/floor unevenness of up to 20 mm, e.g. concrete, corrugated sheet metal, tiles, stones, etc.

The floodwater barrier consists of two or more hollow, reinforced aluminium body sections with lower edge protection. A compressible, highly-adaptable special seal is applied on the lowermost barrier section. Each of the other barrier sections is provided with an easily-compressed polyurethane-based seal.

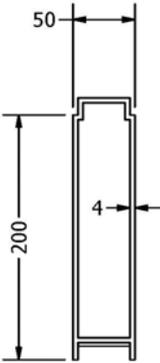
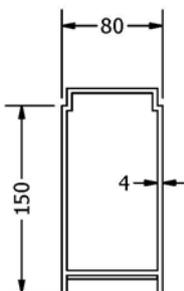
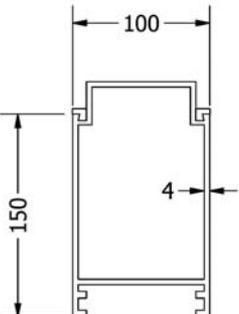
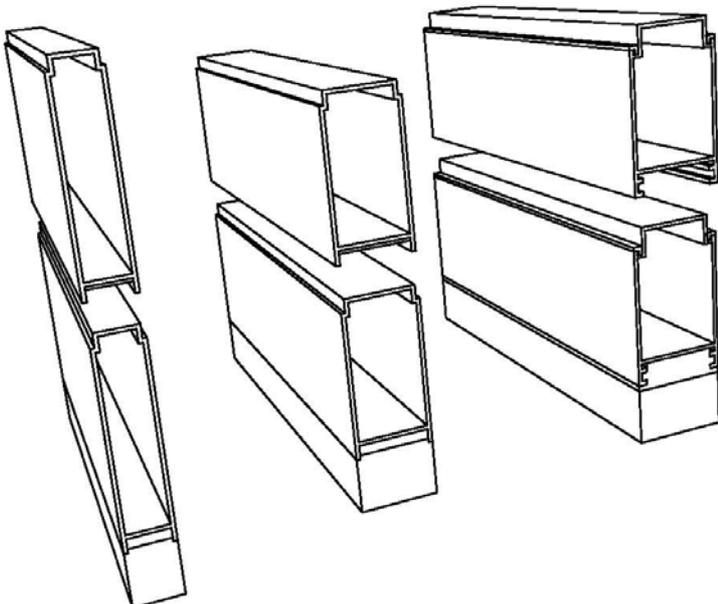
The floodwater barrier sections are rigidly installed universally mounted in two "U"-shaped mounting devices by way of

preference within a door/gate opening, between walls, etc. and sealed against the building or structure. With a special version, mounting is also possible outside of the opening.

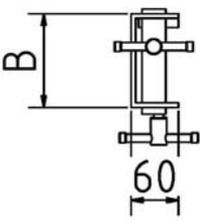
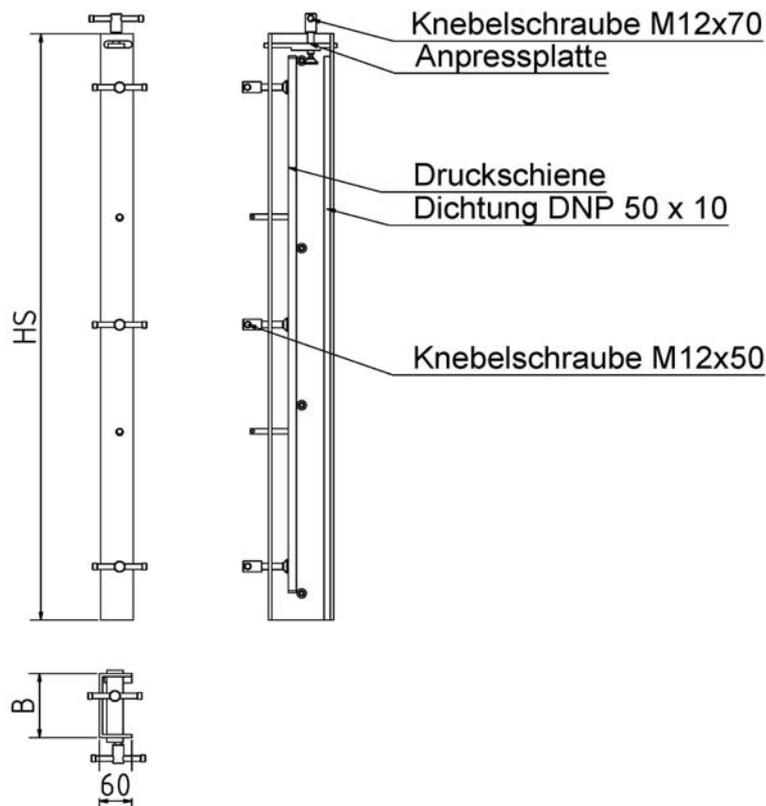
The barrier sections are firmly pressed against the seal of the mount and floor from the side and from the top by means of pressure screws or alternatively with tommy screws. A reliable seal is thus ensured.

The aluminium barrier sections have a polished bare metal finish. Steel components are galvanized and powder coated. Special wall mounts upon request.

1.2 Flood Barrier Profiles

Profile Material: Al MgSi 0,5						
	BL324		BL329		BL337	
Profile height	200		150		150	
Profile width	50		80		100	
Weight / m	5,65		5,51		6,61	
Gasekt Stackable Profile	DNP 45x3 / Nr. 175345		DNP 75x3 / Nr. 175375		EPDM / Nr.17514068740	
Bottom Profile Gasket Compressible	DND 45x10 / Nr. 1754510w DPU 50x60 / Nr. 1755060		DND 75x10 / Nr. 1757510w DPU 80x60 / Nr. 1758060		DNP 100x30 / Nr. 17610030w DPU 100x60 / Nr. 17560100	
						

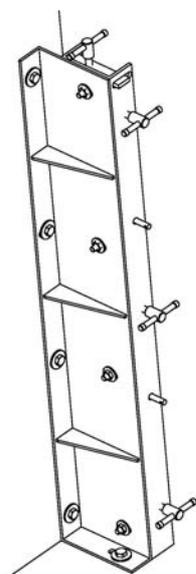
1.3 U-Profile

U-Profil Material S235JR (galvanised + powder coated in RAL 9006)			
	BL324	BL329	BL337
U-Profil	120x60x6	140x60x6	160x60x6
B in mm	120	140	160
HS in mm	Retention height + 83 + 3x qty profiles		
Gasket	DNP 50 x 10 / Nr. 1751050w		
			

1.4. In front of the opening U-Profile

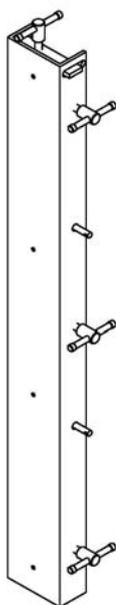
Installation – in front of the opening

Connection and sealing through a wall mounting plate



Installation – within the opening

U-Profile is surface mounted

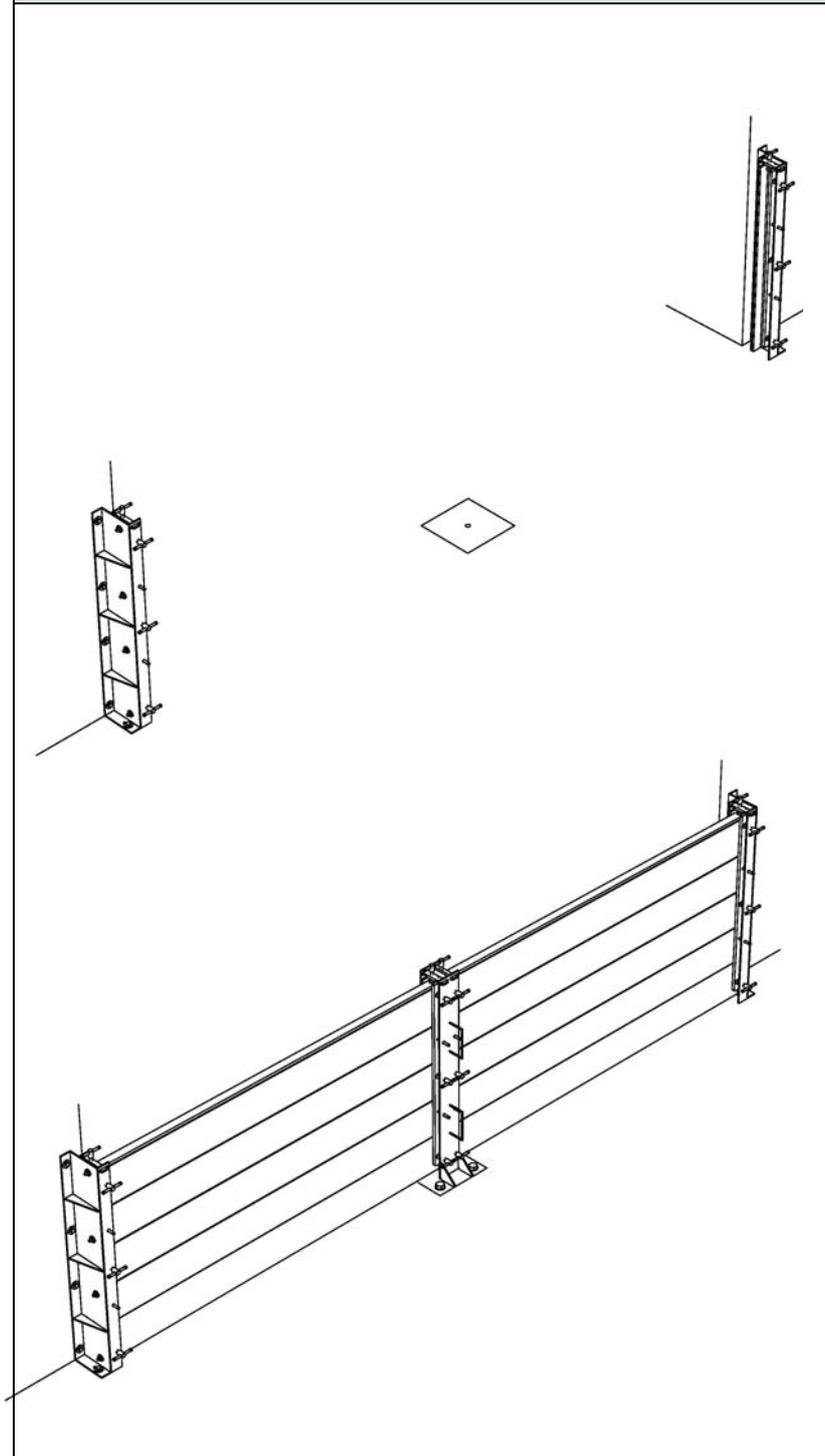


1.5 Spanning capabilities

BL324		BL329		BL337	
Retention height in mm	Barrier length max	Retention height in mm	Barrier length max	Retention height in mm	Barrier length max
200 / 1 Profile	4900	150 / 1 Profile	6000	150 / 1 Profiles	6000
400 / 2 Profiles	4100	300 / 2 Profiles	5500	300 / 2 Profiles	6000
600 / 3 Profiles	3050	450 / 3 Profiles	5000	450 / 3 Profiles	6000
800 / 4 Profiles	2750	600 / 4 Profiles	4650	600 / 4 Profiles	6000
1000 / 5 Profiles	2600	750 / 5 Profiles	4400	750 / 5 Profiles	6000
1200 / 6 Profiles	2400	900 / 6 Profiles	4200	900 / 6 Profiles	6000
1400 / 7 Profiles	2300	1050 / 7 Profiles	4050	1050 / 7 Profiles	5700
1600 / 8 Profiles	2200	1200 / 8 Profiles	3900	1200 / 8 Profiles	5500
1800 / 9 Profiles	2100	1350 / 9 Profiles	3800	1350 / 9 Profiles	5300
2000 / 10 Profiles	2050	1500 / 10 Profiles	3700	1500 / 10 Profiles	5100
2200 / 11 Profiles	1950	1650 / 11 Profiles	3600	1650 / 11 Profiles	4900
2400 / 12 Profiles	1900	1800 / 12 Profiles	3550	1800 / 12 Profiles	4800
2600 / 13 Profile	1850	1950 / 13 Profiles	3450	1950 / 13 Profiles	4650
2800 / 14 Profiles	1800	2100 / 14 Profiles	3400	2100 / 14 Profiles	4550
3000 / 15 Profiles	1750	2250 / 15 Profiles	3350	2250 / 15 Profiles	4425
		2400 / 16 Profiles	3300	2400 / 16 Profiles	4350
		2550 / 17 Profiles	3250	2550 / 17 Profiles	4250
		2700 / 18 Profiles	3200	2700 / 18 Profiles	4150
		2850 / 19 Profiles	3150	2850 / 19 Profiles	4075
		3000 / 20 Profiles	3100	3000 / 20 Profiles	4000

1.6 Multiple Flood Barrier Segments

Multiple Barrier Segments



To cover longer distances and not to exceed the permitted profile length, Barrier sections are often split in half, or are divided in multiple sections. A continuous connection is achieved through double U-Posts. In general U-Posts are bolted on anchor plates which are recessed in the ground.

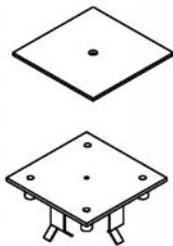


1.7 Mobile Centre Posts and Double Posts

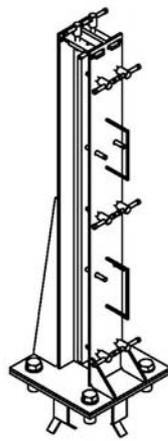
Mounting Centre Posts & Double Posts



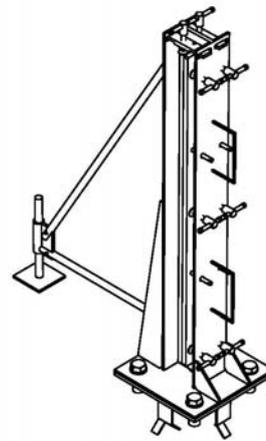
Ankerplatte ist bodeneben einbetoniert. Schwerlastüberfahrbar.



Abdeckplatte von Ankerplatte entfernen.



Doppelaufnahme an Ankerplatte befestigen. Zwischen Ankerplatte und Doppelaufnahme Dichtung 300x300x3 setzen.



Ab bestimmten Längen und Höhen wird eine Triangelstütze an der Doppelaufnahme befestigt.



Achor plate



Mobile double post

1.8 Installation Examples







Flood Barriers – Flood Protection



Transformer Room



Swiss



Europe

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