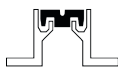


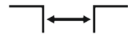
# DUALLINE HYDRO WR-H 79 DOUBLE



Max load  
600 kN



Recess  
mounted



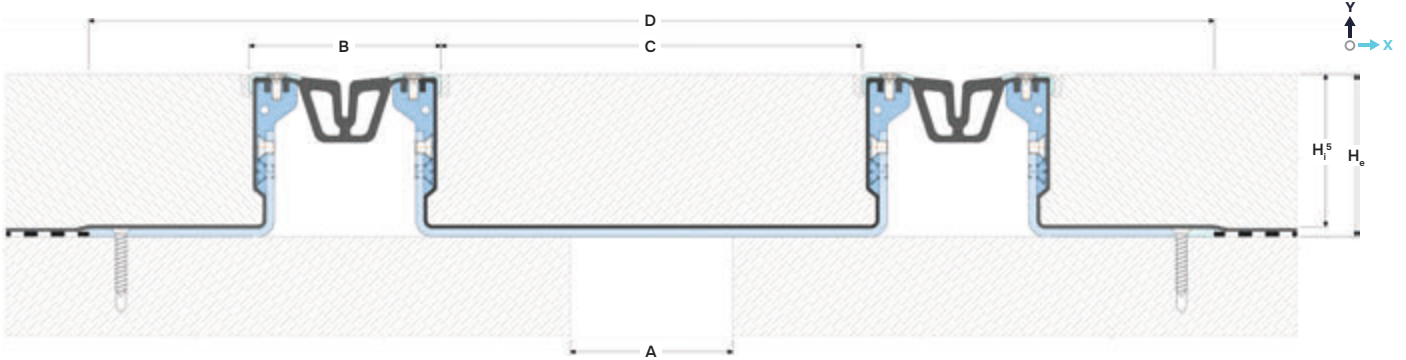
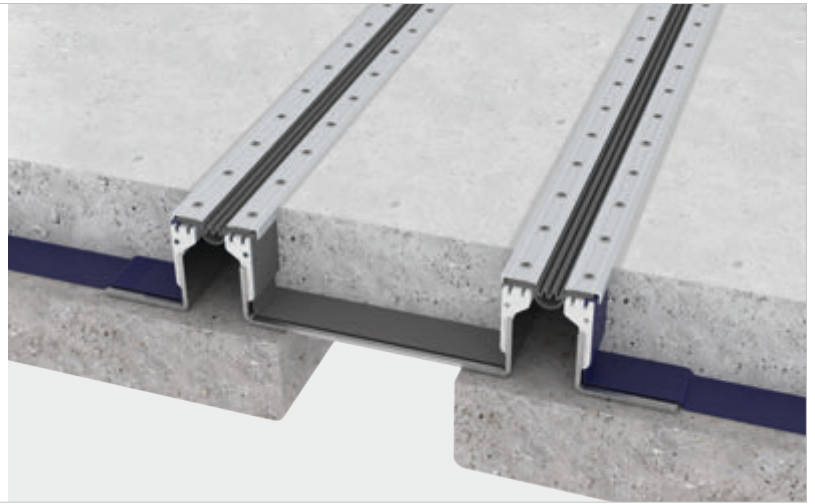
Joint width  
50-500 mm



Movements  
in 6 directions



Indoor/  
outdoor



Profile	Type of cover <sup>3</sup>	Sizes, mm				...=H <sub>e</sub> <sup>2</sup>	Movements, mm		Permissible loads (kN)			
		A <sup>1</sup>	B <sup>4</sup>	C <sup>6</sup>	D		M <sub>x</sub> <sup>4</sup>	M <sub>y</sub>				
WR-H Double 79/100-50/... <sup>2</sup>	AL / SS	100	88	250	600	Any customized from 80 mm	40 (+20/-20)	20 (+10/-10)	50	600	70	—
WR-H Double 79/150-50/... <sup>2</sup>	AL / SS	150	88	300	650		40 (+20/-20)	20 (+10/-10)	50	600	70	—
WR-H Double 79/200-50/... <sup>2</sup>	AL / SS	200	88	350	700		40 (+20/-20)	20 (+10/-10)	50	300	70	—
WR-H Double 79/250-50/... <sup>2</sup>	AL / SS	250	88	400	750		40 (+20/-20)	20 (+10/-10)	50	300	50	—
WR-H Double 79/300-50/... <sup>2</sup>	AL / SS	300	88	450	800		40 (+20/-20)	20 (+10/-10)	50	100	50	—
WR-H Double 79/400-50/... <sup>2</sup>	AL / SS	400	88	550	900		40 (+20/-20)	20 (+10/-10)	50	100	50	—
WR-H Double 79/500-50/... <sup>2</sup>	AL / SS	500	88	650	1000		40 (+20/-20)	20 (+10/-10)	50	100	50	—

<sup>1</sup> The profile can be customised to any required joint width from 50 to 500 mm.

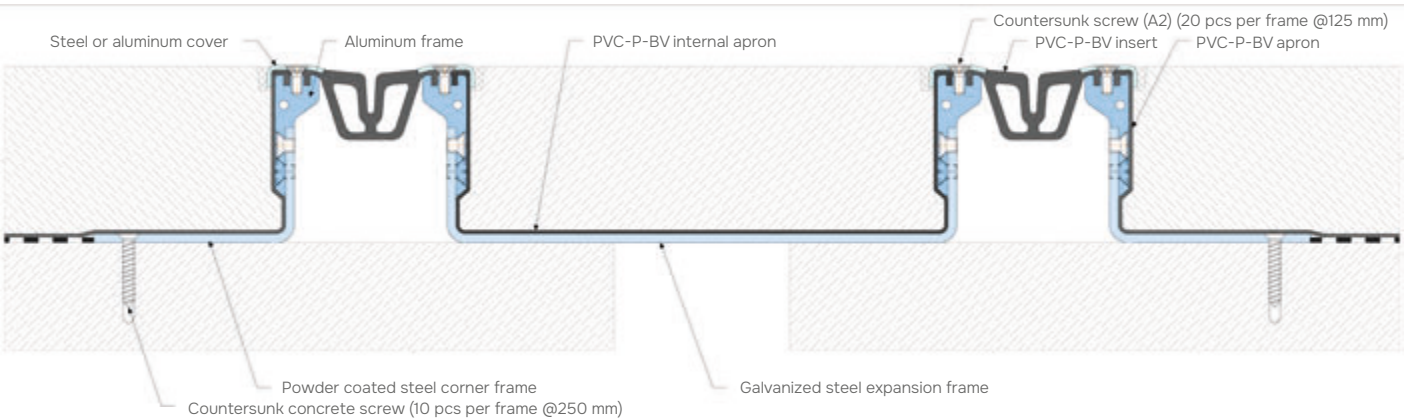
<sup>2</sup> ... – installation height to choose from standard (see H<sub>e</sub>).

<sup>3</sup> Choice of two types of covers (See "Standard types of covers").

<sup>4</sup> The data is for 73/50 inserts. When using other types of inserts, the movement and apparent width readings may be changed to larger values (See "Types of inserts").

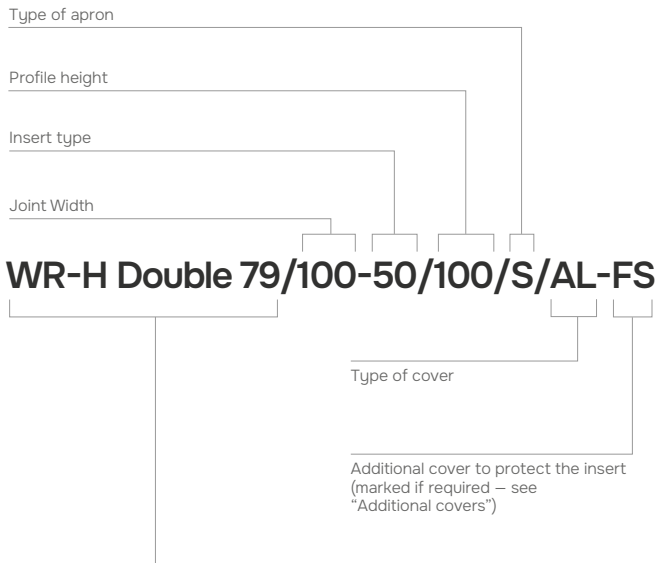
<sup>5</sup> The internal depth depends on the joint and profile loads (Request additional details).

<sup>6</sup> The width of the inside can be adjusted upwards on request.



## ▶ LABELING

(example)



Profile Series:  
 WR-H Double 79 – standard version  
 WR-H-E Double 79 (marked if required – see “Corner version”)

## ▶ TECHNICAL DATA

### → FRAME

<b>Material</b>	Aluminum EN AW 6063 T6 (T66 <sup>7</sup> )
<b>Tolerances</b>	EN 12020-2:2008
<b>Strength, MPa</b>	$\sigma_b = 205$ (250 <sup>8</sup> )
<b>Length, m</b>	2,5
<b>Tooling</b>	Countersunk head mounting holes
<b>Fasteners</b>	Included (Screws Rawlplug R-LX-5x50-CS)

### → COVER

<b>Material (2 types)</b>	Aluminum EN AW 6063 T6 (T66 <sup>7</sup> )	AISI 304 <sup>8</sup> (1.4301)
<b>Profile designation<sup>9</sup></b>	AL	SS
<b>Strength, MPa</b>	$\sigma_b = 205$ (250 <sup>9</sup> )	$\sigma_b = 515$
<b>Tolerances</b>	EN 12020-2:2008	EN 1090-2
<b>Length, m</b>	2,5	2,5
<b>Tooling</b>	Mounting holes	Mounting holes

### → INSERT & APRONS

<b>Material</b>	PVC-P
<b>Resistant</b>	30...+100°C, UV+O <sub>3</sub> +Bitum – resistant
<b>Length, m</b>	20 meters per roll
<b>Color</b>	Black

<sup>7</sup>For EU market.

<sup>8</sup>On request, the cover can be made of other types of stainless steel: AISI 316, 430 or others.

<sup>9</sup>On request, the insert can be made in any RAL color (ask for details).

## ▶ EXECUTION OPTIONS



### STANDARD TYPES OF COVER

The profile can be completed with covers made of AISI 304 stainless steel or aluminum EN AW 6063T6.



The cover material is selected based on the operating conditions and the nature of the environment:

- Water+light chemistry – aluminum (profile has the AL index);
- Water/chemistry/salts/acids – AISI 304.



### STANDARD TYPES OF APRONS

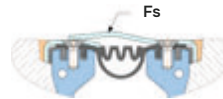
The profile is available in three different in width by types of waterproofing aprons:

- S – 20 mm wide;
- M – 140 mm wide;
- L – 360 mm wide;

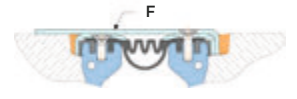


### ADDITIONAL COVERS (OPTIONAL)

To protect the insert from mechanical damage, four types of F-covers can be used:



Fs – cover overlapping the insert replacing one of the standard ones (index Fs in the profile).



F – additional cover overlapping insert 3 mm thick (index F in the profile).



Fkr – additional overlay overlapping the insert 3 mm thick, fastened on both sides (Fkr index in the profile).



FL – additional overlay covering the insert with a thickness of 4 or 5 mm (index FL in the profile).

### NOTE!!

- It is not allowed to use these types of covers when moving adjacent plates in a vertical plane (M<sub>y</sub>)



### SEALANT GROOVE FORMER (OPTIONAL)

The profile can be completed with a special strip (Stripform 73), which forms a technological gap along the profile necessary to create a transition zone between the profile and the topcoat.

