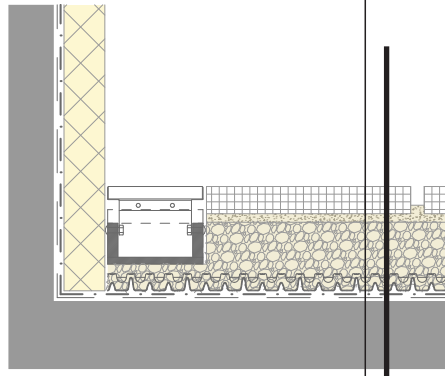


# DIADEM® channels



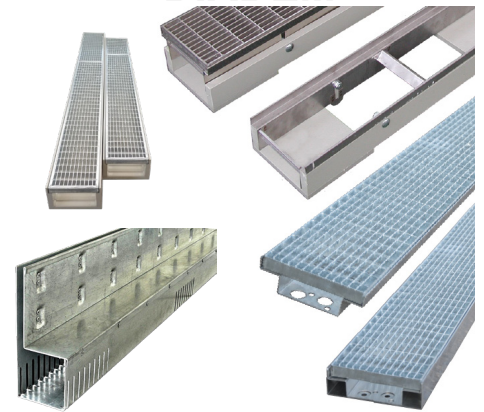
## ADVANTAGES

- Low building height
- Easy to clean
- Massive plastic/metal house
- Multiple plane water drainage due to the open base plates
- The polypropylene body decreases the heat stress of the underlay layers
- Available in custom sizes



### DIADEM® BUILD-UP

- RNH terrace channel
- frost-proof pavement
- compressed basalt gravel
- DiaDrain-25H-UP perforated drainage board
- VLU-300 mechanical protection geotextile
- waterproofing
- additional layers



## APPLICATION

The DIADEM® channels are multi-functional water draining elements with open base plates, solving water drainage for surfaces with pedestrian traffic. They serve especially the quick drainage of rainwater accumulated at connection of facades and covered surfaces.

## SPECIFICATION

### RNF-PP / RNH-PP

Fix height of 5 or 8 cm (RNF-PP), and adjustable height with 8 to 11.5 cm intervals (RNH-PP) terrace channels, with plastic bottom part and step-resistant mesh grid made of hot-dip galvanized steel, open base plate for quick drainage of surface water, with 3 pc. supporting surfaces, with 2 pc. of connecting and end-closing elements for easing the rowing of the spouts. Size: 100 x 14.5 x 8-11.5 cm (L x W x H); mass: 5.92 kg/pc; material of bottom part: polypropylene; material of grid: hot-dip galvanized steel; mesh size: 30 x 10 mm; water drainage surface: 714 cm<sup>2</sup>; load class: A15; optional accessories: half metre channels, solid base; interlockable grating cover; bespoke heights and sizes; metal leaf / dirt collection mesh.

**RH**  
Infinitely height-adjustable terrace channel (H= 5 -8 cm), with a base (outer and inner body) made of aluminium and with lockable, hot dip galvanized steel mesh grille (MS 30x10mm), with drainage perforations, with four set screws for height adjustment. Load class: A15; drainage perforations: 50 x 3mm, 72 pcs/lm; dimensions: 1000 x 155 x 50-80mm (L x W x H); weight: 5.1 kg/pc.

**RF**  
Terrace channel with a height of 5cm, with a base made of aluminium with drainage perforations, and with lockable, hot dip galvanized steel mesh grille (MS 30x10mm). Load class: A15; drainage perforations: 50 x 3 mm, 72 pcs/lm; dimensions: 1000 x 152 x 48.5mm (L x W x H); weight: 4.3 kg/pc.

**RNF-AL**  
Spout of 5 cm high with aluminium bottom part and perforated water drainage openings and mesh grids made of hot-dip galvanized steel. Load class: A15; mesh size: 30x10 mm; water drainage openings: 50 x 3 mm, 54 pc/lm; size: 100 x 14 x 5 cm (L x W x H); mass: 3.09 kg/pc.

**SRN-FF**  
Slot drainage channel made of perforated hot dip galvanized steel for the aesthetic construction of surface water drainage on terraces and on paved areas. Slot width: 10mm; Drainage perforations on the channel body: 50 x 3 mm, 72 pcs/lm; total dimensions: 1000 x 94 x 100 mm (L x W x H); slot height: 50 mm; material thickness: 1,5mm.

Product: DIADEM® channels  
Producer's certificate: A.P.P. Kft.  
Website: [www.diadem.com](http://www.diadem.com)

## TECHNICAL DATA

	RNF-PP	RNF-AL	RF-5-15	RNH-PP	RH-5/8-15	SRN-FF
Product number:	210101 (5 cm) 210102 (8 cm)	230532 (4.2x14 cm) 230518 (5x14 cm) 230529 (4.2x25 cm) 230528 (5x25 cm) 230541 (5x20 cm)	230606	210201 (hot-dip galvanized steel) 210211 (stainless steel)	230601	230121
Height (cm):	5 or 8	4.2 or 5	4.85	8-11.5	5-8	100
Width (cm):	15	14 or 25	15.2	14.5	15.5	94
Material (house):	polypropylene	aluminium		polypropylene	aluminium	hot-dip galvanized steel
Material (grid):	hot-dip galvanized-or stainless steel	hot-dip galvanized steel		hot-dip galvanized-or stainless steel	hot-dip galvanized steel	
Accessories:	-	-	RFE-5-15 end piece	RNFE-AL042-DT end piece	RHE-5/8-15 end piece	-

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