

DRAIN MANHOLES

Technical Datasheet

Applications

Peštan DRAINAGE MANHOLES are mainly intended for rainwater collection in rainwater drainage systems in Individual home installations and also in systems civil engineering (collection of rainwater from and next to roadway, etc). In addition, it is possible to use drainage shafts Ø600 (sometimes Ø500) and as revision which is especially important when building a home sewer, Connecting several facilities before being introduced into the main line, etc. This satisfies the connection norms at the same time reducing the cost of connecting the time required for performance.

Product description

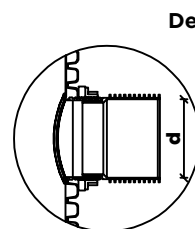
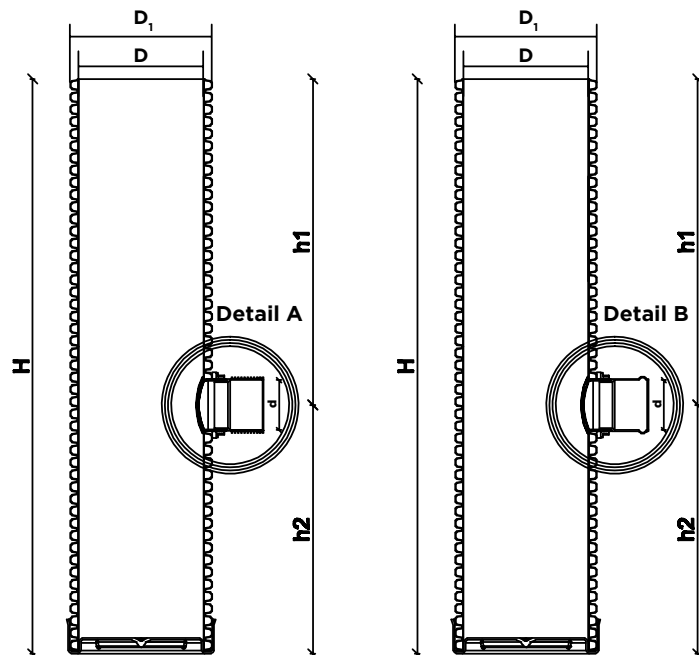
The PEŠTAN system of drain manholes with its flexibility allows the correction of errors in the field, as in question alignment and angles as well as the height of the connecting lines. Impermeability of the joint between the vertical and the drain bottom it is provided by applying the usual eraser which regularly used for sealing PP or PE corrugated pipes which enable sealing safety up to 0.5 bar or 5 m the height of the water column, which also defined the maximum the height of these manholes.

Product Availability

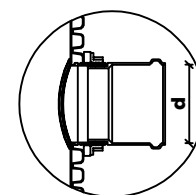
As a rule, the construction of drainage shafts is performed with a settling tank, in this system the height of the precipitator can be changed and adjusted specific customer requirements. The height of the manholes can be easily to correct on the ground and by shortening the vertical which is always PP or PE corrugated pipe SN 8 I can be fully adjusted situation before installing the cover grille. The construction consists of:

- drain bottom;
- vertical PP or PE CORRUGATED pipes SN 8;
- the appropriate number of SAGs used to form one output and one or more inputs.

Various connection variants are possible using SAGs smooth or corrugated pipes in diameters 140 ID corrugated 160 OD corrugated, DN160 PVC, and also 200 ID corrugated and DN200 PVC. In doing so, formation is possible manholes on site which is a huge advantage because they are drilling And the placement of SAGs can be reported on site installation with simultaneous correction of route errors and regular ones deviations from the projected documentation. Thanks to the extremely high strength of the ring used PP or PE corrugated pipes recommended shaft height can be move up to 5 m.



Detail A



Detail B

Corrugated pipe connection

Connection for PVC pipe

	Drain Manholes Ø400	Drain Manholes Ø500	Drain Manholes Ø600
Inner diameter of the manholes (D) mm	399	495	594
Manhole outside diameter (D ₁) mm	453	567	680
Minimal angle between the terminal	60°	45°	45°
Maximum manholes height (H) mm	5000	5000	5000
Minimum height to the axis connection (h ₂) mm	260	300	310
Maximal number of input ports	2	3	4
Connection diameter (d) mm	160	160	160
	200	200	200

Chemical resistance

High chemical resistance to a large number of compounds.*
 *Plastic pipes and fittings - Combined chemical-resistance classification table ISO/TR 10358.

Technical Assistance

Our technical and engineering team is supported and advised by European institutes. For more information about products please contact PEŠTAN technical support or regional salesman.



BELNIIS - Belarus



KIWA - Netherland



VUPS - Czech Republic



BELNIIS - Belarus



IMS - Serbia



GOST R - Russia



MPA - Germany



IGH - Croatia