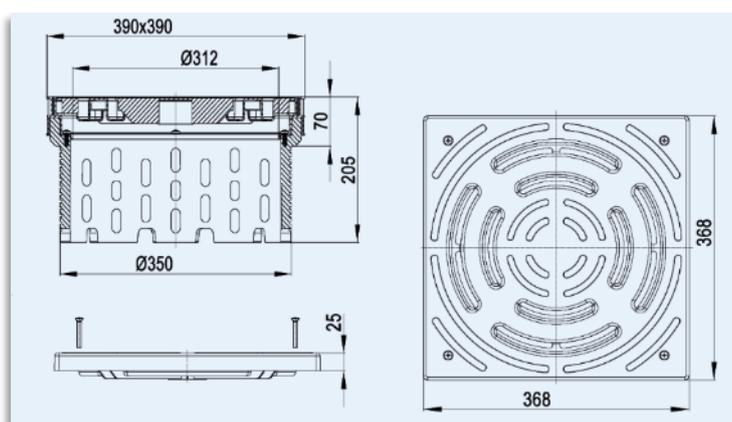


Infosheet

HL635N Drainage and inspection chamber for green roofs, gravel roofs and terraces



Pic. HL635N



Tech. draw. HL635N

Green roofs are not only optically more appealing and increase life quality but are also an important contribution to protect our nature and environment. They help storing water on the roof, noise and dust can be filtered and temperature differences can be equalized. Additionally, green roofs provide habitat for plants and animals.

When planning and installing green roofs, there are special requirements for the drainage systems compared to classic roof constructions. Roof drains on green roofs have to be kept free from soil, leaves and gravel to ensure rainwater is properly drained.

The new drainage and inspection chamber HL635N enables a safe and easy access to all kinds of roof and terrace drains and provides a maintenance and cleaning possibility. The inspection chamber is placed on top of the roof drain. It then can be adjusted to the desired length with a saw or an angle grinder. The standard height of the inspection chamber is 20 cm. Therefore, even without an extension it is high enough for intensive green roofs. For higher structures the drainage chamber can be enlarged in 15cm steps with the extension element HL636N. This way the chamber can be extended to any height. The generous openings on the side of the chamber guarantee that an effective drainage is possible on the water carrying surface.

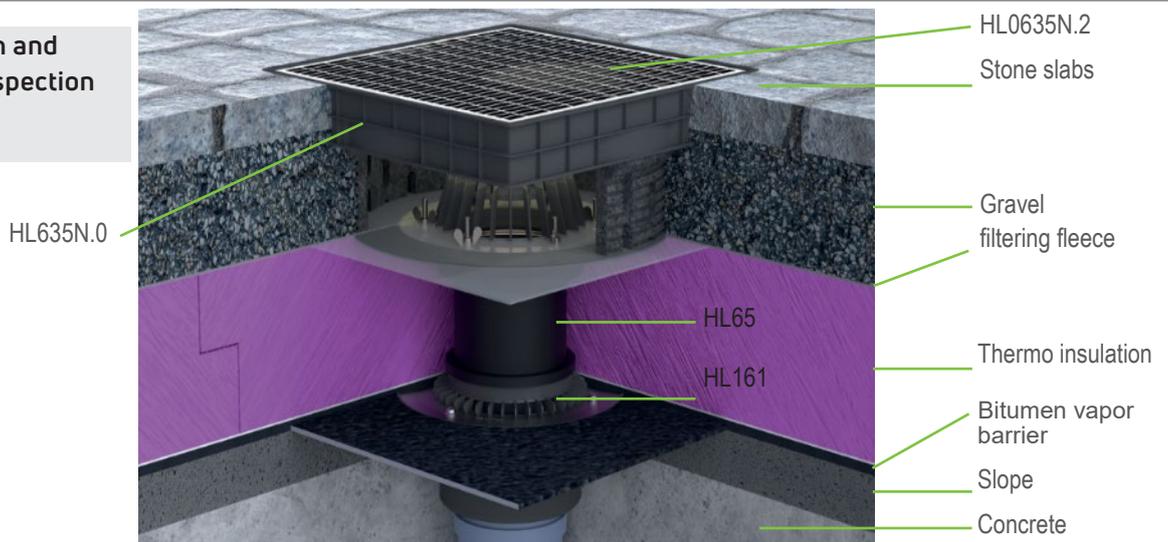
The drainage and inspection chamber HL635N is equipped with a plastic grate that is screwed on. This model is especially fitted for green and gravel roofs. HL635N.0 (model without grate) in combination with the galvanized steel grate HL0635N.2 can be used for areas with high weight load (L15, max. 1,5t). HL0635N.3 which is a plastic cover without openings is specially designed for roofs with retention and restraining.

Examples

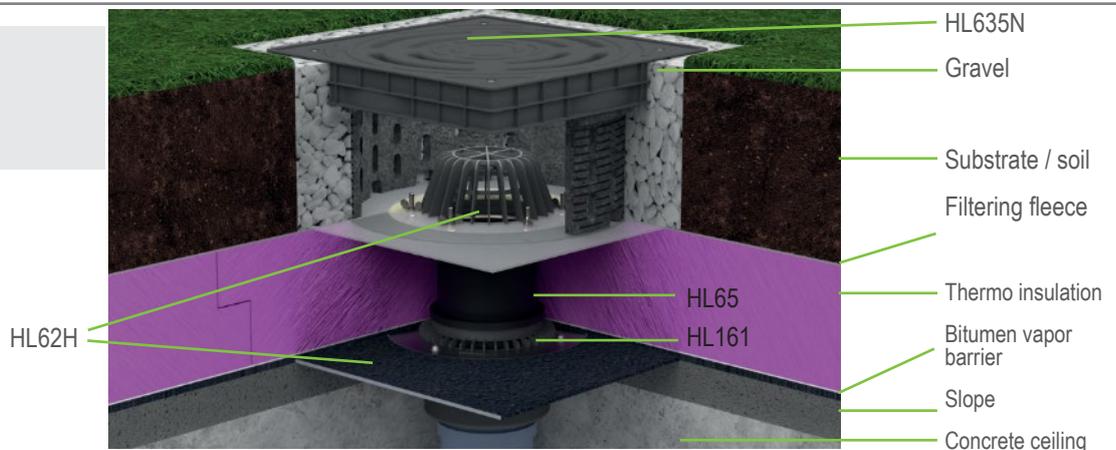
Intensive green roof with drainage and inspection chamber



Stone slabs with drainage and inspection chamber

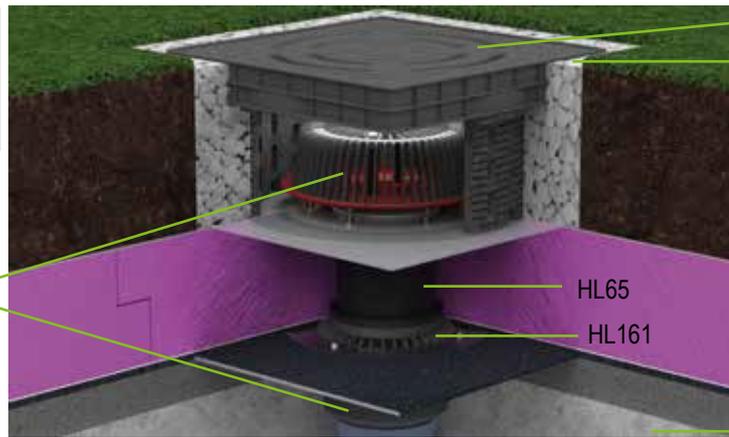


Intensive green roof with drainage and inspection



Intensive green roof with emergency drainage and drainage and inspection chamber

HL62HSafe



HL635N

Gravel

Substrate / soil

Filtering fleece

Thermo insulation

Bitumen vapor barrier

Slope

Concrete

HL65

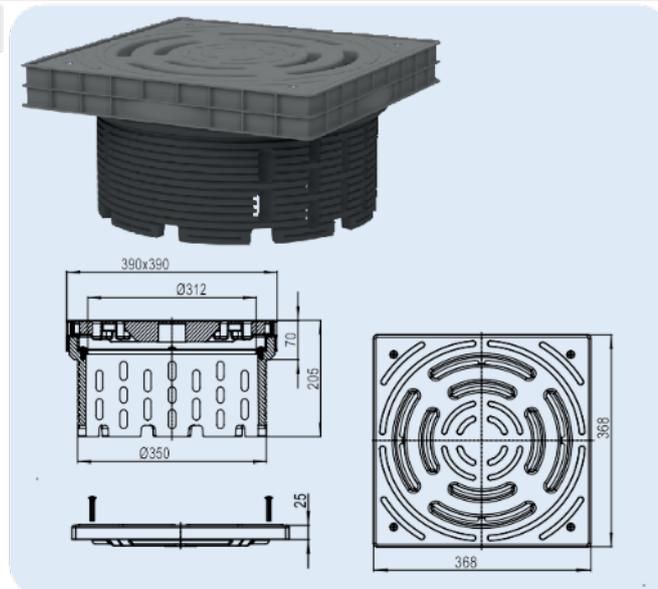
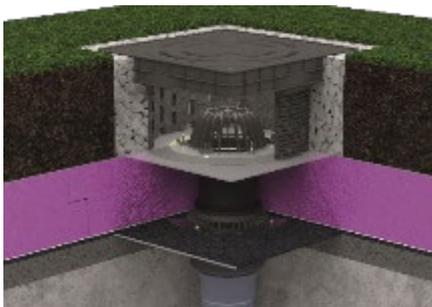
HL161

HL635N Drainage and inspection chamber for green roofs, gravel roofs and terraces

HL635N.0 Drainage and inspection chamber for green roofs, gravel roofs and terraces, without grate

Data

Installation height	70 -205 mm
Material	EPS-230 / PP
Dimensions	Frame: 390 x 390 mm Grate: 368 x 368 x 25 mm, 4 x screwed on Cutttable part: Ø 350 mm
Load class	Plastic grate K3 (300 kg)
Standard	DIN 1986-3
Additional	For easy inspection and maintenance of roof drains on green roofs, gravel roofs and terraces

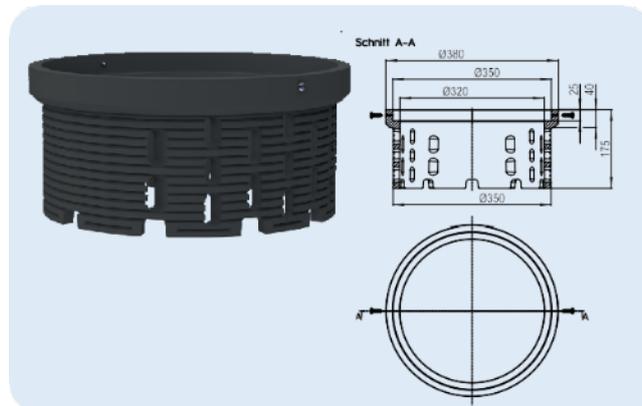


HL-Nr.	Weight	Cover	EAN	Pcs./Pak.
635N	xx	with	xx	.
635N.0	xx	without	xx	1

HL636N Extension element for drainage and inspection chamber HL635N

Data

Installation height	25 - 150 mm
Material	EPS-230
Dimensions	See tech. drawing
Standard	DIN 1986-3
Additional information	Extension of the drainage and inspection chamber HL635. Put together two or more extension elements to enlarge to any height.

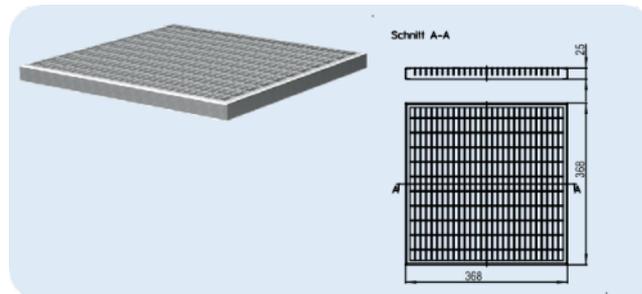


HL-Nr.	Weight	EAN	Pcs./Pak.
636N	xx	xx	1

HL0635N.2 Galvanized steel grate for drainage and inspection chamber HL635N.0

Data

Material	Galvanized steel
Dimensions	368 x 368 x 25 mm
Load class	L15 bzw. A15 - max 1,5 t
Additional information	For surfaces with high loads

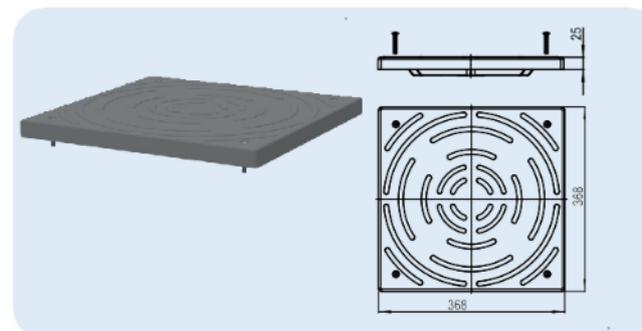


HL-Nr.	Weight	EAN	Pcs./Pak.
635N.2	xx	xx	1

HL0635N.3 Closed plastic cover for drainage and inspection chamber HL635N.0

Data

Material	PP (Polypropylen)
Dimensions	368 x 368 x 25 mm, 4 x screwed on
Load class	K3 (300 kg)
Additional information	Designed for roofs with retention and restraining



HL-Nr.	Weight	EAN	Pcs./Pak.
635N.3	xx	xx	1

Prices: s. price list

Available from: 06/22