

BG-FILCOTEN spot, yard drainage incl. cast iron frame - up to class B125

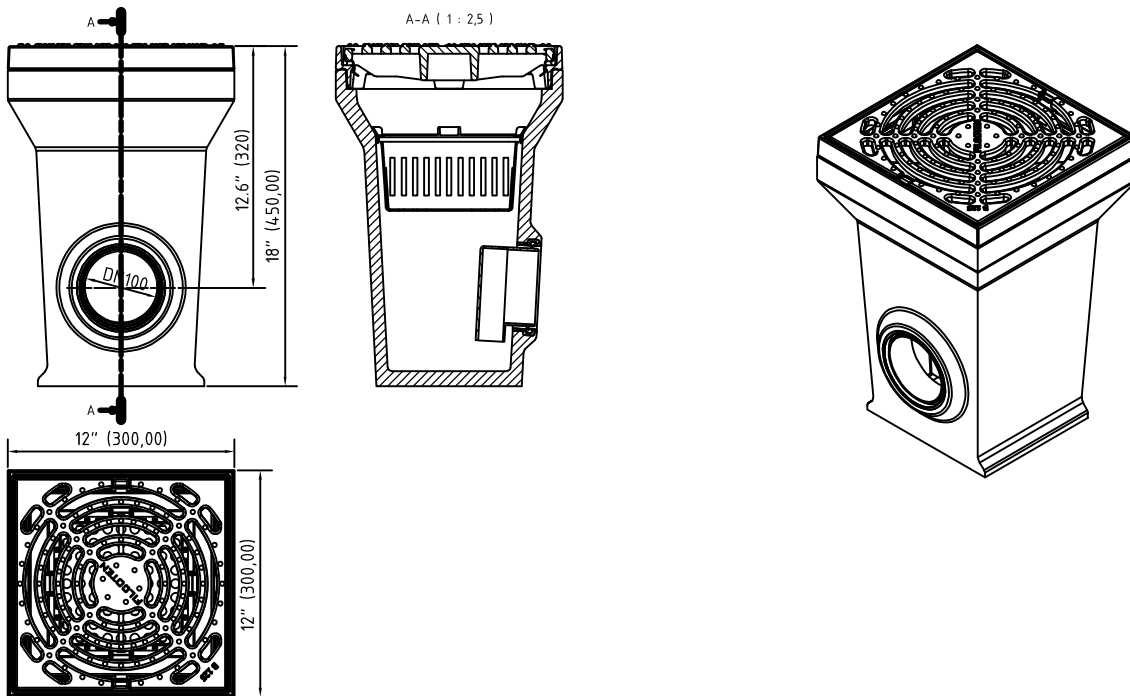
BG-FILCOTEN spot, incl. cast iron frame

	Item no.	Product description	Material	Dimension	Load class (as per EN 1433)	Slot-/Mesh width for grate	Weight	
							Lbs	Kg
○	I4130102	BG-FILCOTEN spot, incl. cast iron frame, ductile iron grating (EN-GJS) with fiX-locking, radial design, odour trap and sediment bucket	FILCOTEN HPC	12"/12"/18" 300/300/450 mm	B 125 kN	SW 0.47" (SW 12 mm)	58.9	26.7

Specification: BG-FILCOTEN spot, NW300, 12" (300 mm) wide, 12" (300 mm) long, 18" (450 mm) deep, FILCOTEN yard drainage system. Body is manufactured from a high performance concrete material. Bodies have a multiple anchoring ribs to securely hold the body into the concrete foundation. Each body is equipped with a medium duty ductile iron frame. Side outlet are available in 4" (100mm). The grate is medium duty ductile iron with radial design (Load Class B125), Grates are secured to the body with a two point self-locking system. End caps and catch basins are also available.

Function: Used in different areas such as parking garages, car dealerships, public and residential areas, parks, sports complexes, town squares and cycle and foot paths. Ideal for environmentally sensitive areas because the body channels are free of resins, heavy metals, VOC and chemicals. Exceptional adhesion to surrounding concrete foundation due to the concrete composition of the body channels - resulting in a monolithic all concrete installation. Less breakage during transport and installation due to impact resistant, fibre-reinforced, UV resistant concrete material. Medium duty cast iron frame allows for light-medium duty traffic applications.

spot 300/300/450 mm



MATERIALS: Channels shall be manufactured from FILCOTEN® HPC (High Performance Concrete). Minimum properties of FILCOTEN® HPC will be as follows:

Compressive strength according to ASTM C39:	11700 PSI
Flexural strength:	1700 PSI
Free of release agents:	YES
Water absorption sufficient for adhesion with concrete surfaces:	YES
Non flammable:	YES

U/V resistant:	YES
Recyclable 100%:	YES
Dilute acid and alkali resistant:	YES
Frost thaw salt tested as per EN1433 with a test temperature up to -40°C (-40°F):	YES
Resistant to rapid freezing & thawing according to ASTM C666	YES
Resistant to chloride ion penetration according to ASTM C1202	YES
Material free of VOC, biocides, heavy metals:	YES