



guiding
connections

MANHOLE - STAKKAbOX™

Product description:

Acces chamber for cable/optical fibre duct installation.

Application area:

The product is designed for use in both foot way & roadway installations where it provides access to underground ducting.

Product features:

- 155 mm Deep Rings
- Twin Walled Vertical & Horizontal ribs
- Positive Castellated Interlock
- Smooth Walls internal & external
- 2 types: Ultima + Modula
- Long life : not effected by ground acids, alkaline, chemicals, petrol diesel or frost
- Flexibility on site : easily adapted around obstructions
- All parts below 25 kg
- Installation times within 30 minutes
- Very strong: meets D400 loading

Product components:

- Surface covers
 - Ductile Iron covers (D)
 - Ductile Iron lockable cover
 - Concrete infill Cover (CI)
 - Composite cover (C)
 - Steel cover (S)
- Preformed rings
 - Type Modula
 - Type Ultima
- Base
 - With Sump
- Cover lifting keys



Ultima type



Modula type

Accessible Solutions for
latest generation telecom networks

Product specifications:

Materials + colours

Model	Material	Colour	Temperature range
Modula ring	PP 20% talc filled (vicat 148 °C)	Black	-40 °C – 100 °C
Modula bottem plate	HDPE		
Ultima ring	Reinforced polyester with 15 % glass	Grey	-60 °C – 160 °C
Covers (D)	Ductile iron 500/7		
Covers (C)	Re-inforced polyester resin		

Dimensions

Product drawings can be obtained on request

Size	Depth [mm]	Type	Weight ring [kg]	Cover class available		
				D400	C250	B125
600 x 450	155	Modula	6,09	D	D	Ci, C, D, S
900 x 450	155	Modula	7,78			Ci, C
900 x 600	155	Modula	8,54	D		Ci
1200 x 600	155	Modula	10	D		C
915 x 445	150	Ultima C	10,2			Ci, C, D
1310 x 610	150	Ultima A	14	D		Ci, C, D
1500 x 750	150	Ultima A	16	D		Ci, C

Product properties

		600 x 450 Ultima Base	900x450 900 x 600 1200 x 600
Vertical Loading requirements	EN 124 B125 & D400	Yes	Yes
Side wall loading for small chambers	BS 5834-part4 : 1993	Yes	-
Cold Impact test	BS 1247 part 2	Yes	Yes
Resistance to Petrol and Chemicals	EN 228	Yes	Yes
Stress Relief	EN 295-3	Yes	Yes
Water absorption	BS 2782 part 4 method 430A to 430D	Yes	Yes

Packaging and labelling:Packaging

One package will normally cover base/ ring(s) and cover as requested by customer. Cross brace from wood (needed for backfilling during the installation) are supplied together with the cover.

Labelling

Standard Wavin labels.

Service packs

Items can be sold separately.

Practical recommendations

See installation datasheet IDS 06.

For more logistical information, please contact Wavin.