

EK601 – Underground distribution system

Product features – Body

▲ Innovative manhole structure with 3D ribFrame

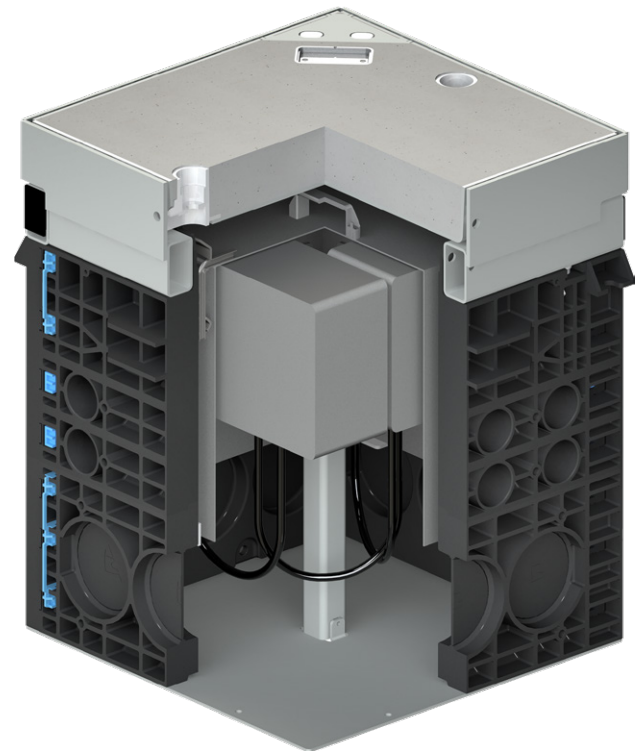
Modular, resistant, and durable system solution that can be adapted to the specific location

▲ Modular manhole structure

Flexible, adapts to the respective situation, and easy to handle

▲ Modified polycarbonate (PC)

Hard-wearing, certified groundwater compatibility, UV-resistant



▲ EK601 - Cross-sectional model revealing the fixtures

Product features – Cover

▲ Submersion hood (removable)

Ideal for areas at risk of flooding

▲ Various manhole cover types

Variable surface material, design and structure can be adapted; blends into the cityscape

▲ Locking mechanism requires a special key

Protection against unauthorised access – Security

▲ Solid cover

Cover/lid can be safely removed by mechanical lifting equipment

▲ Opening support for submersion hood

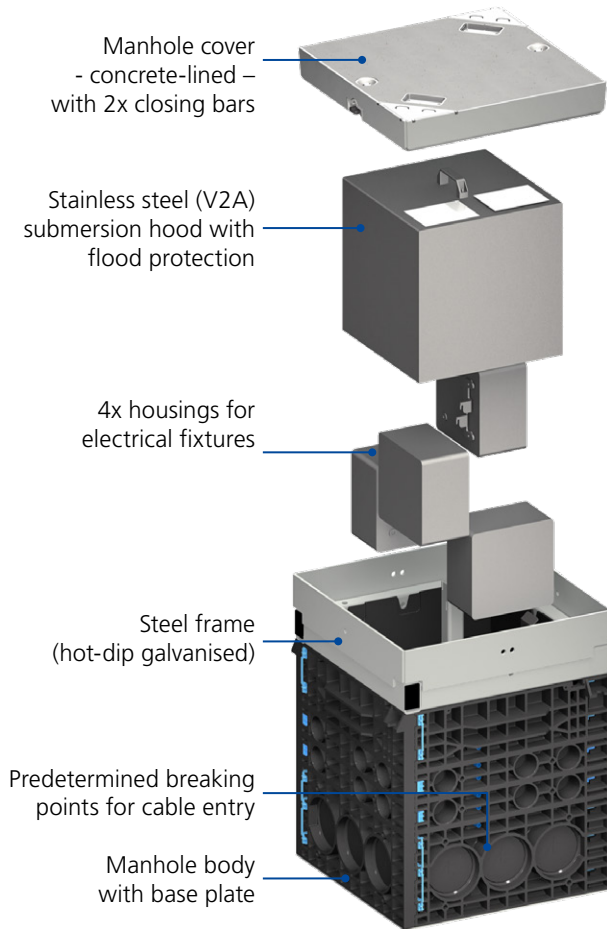
Ease of opening due to low weight of submersion hood, or using two stainless steel gas springs

Submersion hood extension variants

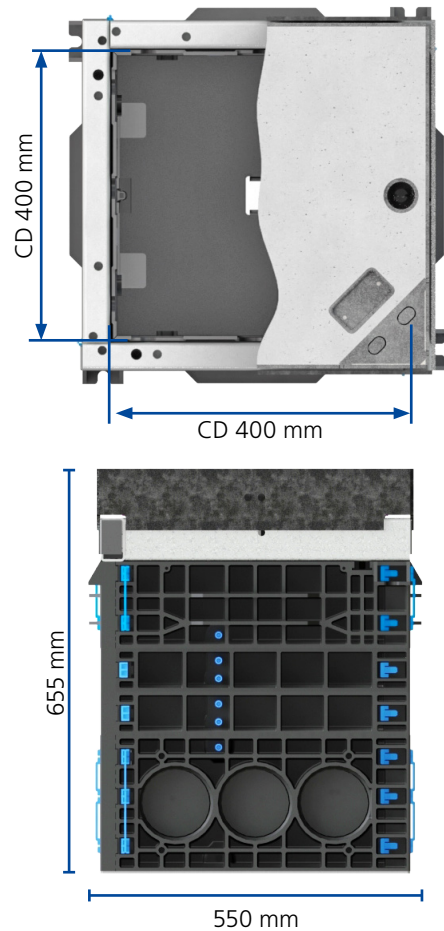
▲ Installation housing

- Individualised extension options are possible in the installation housings (4x)

Structure



Dimensions



Technical data

Designation	EK601
Clear dimensions	400 x 400 mm (WxD)
External dimensions	550 x 550 x 655 mm (WxLxH)
Total weight	Approx. 125 kg
Cover weight	Approx. 55 kg
Max. load class	D 400 (40 tonnes, 400 kN) as per DIN EN 124
Passive heat dissipation	4 x 10 W
Protection rating	closed: IP 58 (as per DIN EN 60529)
Maximum installation space for submersion hood	190 x 190 x 115 mm (WxLxD)
Cover material	Cover: plastic (glass-reinforced plastic) with non-slip coating Steel frame: steel (hot-dip galvanised)
Submersion hood material	Stainless steel (V2A)
Housing material	polycarbonate (PC)
Body material	polycarbonate (PC)