

EK980 Polycarbonate foundation S Vario

For charging stations and wall box columns

The efficient installation of charging columns is crucial when implementing charging infrastructure projects. As needed, the required charging columns can be gradually installed with these innovative, easy-to-install, flexible foundations.

The plastic-concrete adapter plate set enables diverse charging columns to be installed. Separate from the civil engineering work required to install the foundation, the blank cover and adapter plate can be appropriately drilled on site when the charging column is to be installed.

The Langmatz polycarbonate foundation is compatible with the most common charging columns and wall box columns (including Mennekes, ABL, KEBA, ABB, Alpitronic, Ekoenergyka etc.). Langmatz is continuously extending its product range to include the ever-increasing number of EV charging columns. Check out our website for the latest list.



▲ Polycarbonate foundation with plastic-concrete adapter plate set

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 design**
Flexible, adapts to each situation, and simple to use
- ▲ **Modified polycarbonate (PC)**
Hard-wearing, certified groundwater compatibility, UV-resistant

Advantages

- ▲ **Low transport, logistics, and installation costs**
 - Lightweight
 - Installation without crane
 - No concrete foundation necessary
 - Variable installation depth
 - Flexible predetermined breaking points for cable entries
 - Flexible and exchangeable column mount design
 - Operating equipment can be accommodated in the empty foundation space
- ▲ **Excellent time flexibility in civil engineering**
 - Fast installation of the foundation
 - Flexible drilling is possible to mount the charging column
 - Polycarbonate foundation and charging column can be installed separately
 - One-off civil engineering work, despite subsequent addition of charging columns

Accessories

- ▲ Cast-iron cover complies with load class B125 in accordance with DIN EN 124
- ▲ Earthing and strain relief kit
- ▲ Blank cover with non-slip coating

Technical data

Designation	EK980 Polycarbonate foundation S Vario for charging stations and wall box columns
Clear dimensions	250 x 550 mm
External dimensions	394 x 675 x 789 mm (W x L x H)
Total weight	approx. 65 kg
Body material	polycarbonate (PC)
Frame material	steel (hot-dip galvanised)
Adapter plate material	polypropylene (PP) / concrete
Base plate material	polypropylene (PP)
Max. permissible installation weight	750 kg
Compatible charging columns	including Alpitronic, Compleo, Kempower (Other models on request)

Construction

