

## Plastic foundation EK980 – For DC charging stations

When implementing charging infrastructure projects, the efficient installation of charging columns is an important decision-making criterion. This is possible with the innovative solution from Langmatz. With the easy-to-install foundation, companies can prepare the charging infrastructure for employees or customers and gradually equip it with charging columns as required. The structure, made of high-quality plastic, and the innovative 3D-ribFrame technology ensure durability and problem-free installation. The Langmatz plastic foundation features mounts for the most common DC charging columns (including Alpitronic, ABB, Siemens, etc.). Langmatz is continuously extending its product range to cover the ever-increasing number of EV charging stations. Please visit our website for the most up-to-date list.



▲ DC plastic foundation with flexible base plates

### 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 the respective situation, and simple to use

▲ **Modified polycarbonate (PC)**

Hard-wearing, certified groundwater compatibility, UV-resistant

### Advantages

▲ **Low transport, logistics and installation costs**

- Low weight
- Installation by lightweight crane, mini-digger
- 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
- Plastic foundation and charging column can be installed separately
- One-off civil engineering work even despite later addition of subsequent charging columns
- Cast-iron cover that withstands the weight of vehicles (D400) for setting up the EV charging station with no time limits

### Accessories

- ▲ Cast-iron cover with load class D400 in accordance with DIN EN 124
- ▲ Earthing and strain relief kit

## Technical data

<b>Designation</b>	EK980 plastic foundation for DC charging points
<b>Clear dimensions</b>	650x800 mm
<b>External dimensions</b>	810 x 950 x 645 mm (W x L x H)
<b>Total weight</b>	Approx. 110 kg
<b>Body material</b>	polycarbonate (PC)
<b>Frame material</b>	steel (hot-dip galvanised)
<b>Base plate/ adapter plate material</b>	steel (hot-dip galvanised)

## Structure

