# DATASHEET **ECOSTEP STEP RUNGS**

# **eco**step

**FP 331** 

Art.-Nr.: 102087

| Core Material  | Steel Pipe (MST) |
|----------------|------------------|
| Type, Class    | C, II            |
| Color          | Blue             |
| Dowel Distance | 330 mm           |
| Leg Length     | 194 mm           |

| Weight              | 0,60 kg          |
|---------------------|------------------|
| Coating             | Plastic (PP)     |
| Packaging           | 600 pieces/crate |
| Applicable Standard | EN13101          |

# **PRODUCT ADVANTAGES**

- completely covered with plastic for total corrosion protection
- superior pull-out resistance, in excess of recommended safety standards
- spark proof
- plastic has increased impact strength
- no sharp edges
- non-slip surface



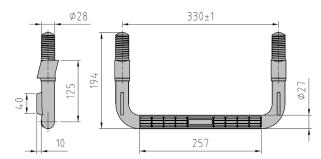
# INSTALLATION

## 1) Automatic insertion of manhole steps:

 Manhole steps are inserted directly into the core by using the Schlüsselbauer Stepmaster, which allows them to be securely imbedded in the concrete shaft structure.

#### 2) Dowels set in concrete:

 Dowels are imbedded in the concrete shaft structure at the right distance using hydraulic or magnetic dowel holders in the core of the manhole. Steps are then hammered in.



#### 3) Mechanical pre-punching:

• Holes are formed in the manhole structure using mandrels (hydraulic or magnetic manhole step pre-punching in the core of the manhole mould). Steps are then hammered in.

#### 4) Manual pre-punching (subsequent installation):

• Holes should be drilled with a horizontal distance of 330 mm and a diameter of 28 mm. Steps are then hammered in.

### Please consider the following when hammering-in the manhole steps:

Alternate hits at leg height on the left and right front surfaces with a dead-blow rubber mallet.

