Galvanised tape installation steps

Foundation earthing (eight steps) and galvanised earthing network in soil (four steps)

GALVANIZED STEEL TAPE · GST 303 · 30 × 3 mm · 90 mm² · HOT-DIP 70 µm

KALOT GROUP · TECHNICAL ILLUSTRATION · NOT TO SCALE

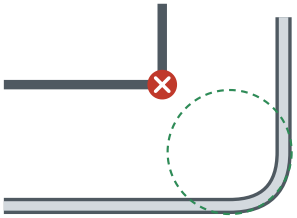
A) Foundation earthing, before concreting

Follow the drawing 1



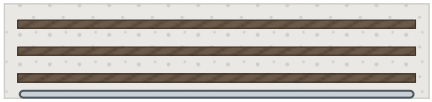
Take the ring route, branches and tap-off points from the earthing drawing.

Bend, do not cut 2



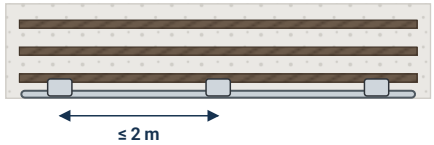
Unroll and straighten the tape; bend it at corners with a gentle radius.

Lay the ring 3



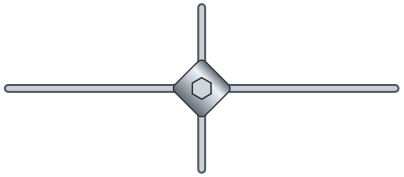
Tape on edge, near the outer edge of the foundation, on spacers.

Fix to the reinforcement 4



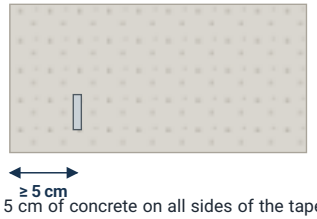
Fix the tape to the reinforcing bar with galvanised clamps at most 2 m apart.

Crossings 5



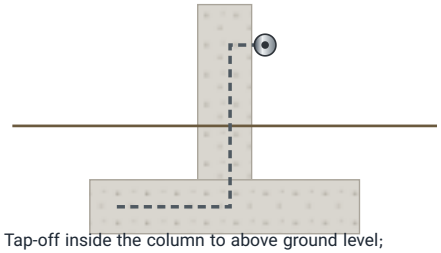
Tee and cross joints inside concrete with galvanised or stainless steel multi-purpose clamps.

Concrete cover 6



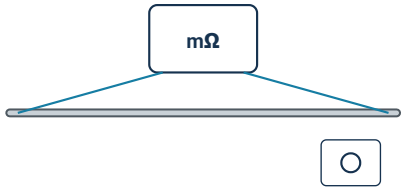
At least 5 cm of concrete on all sides of the tape.

Tap-offs 7



Tap-off inside the column to above ground level; passage into soil only in 316 stainless steel.

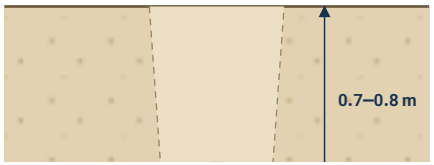
Measure and record 8



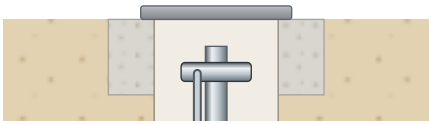
Before concreting, measure continuity and photograph the route.

B) All-galvanised earthing network in soil: earth rod, conductor and clamps all galvanised

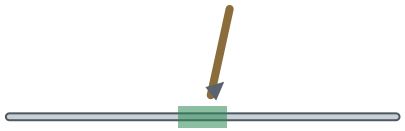
Trench 1



Connection in the earth pit 2



Coating repair 3



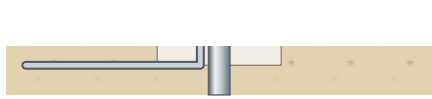
Check and record 4



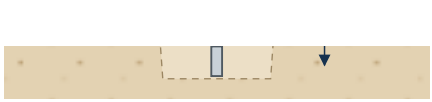
Measure continuity and earth resistance and record them with the date.

Zinc-rich paint

Touch up cuts or holes with zinc-rich paint.



One-piece tape between two pits; U clamp on the earth rod head; concrete around the pit.



Depth 70 to 80 cm, below frost depth; soft soil free of stones.

Figures are illustrative and not to scale.
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