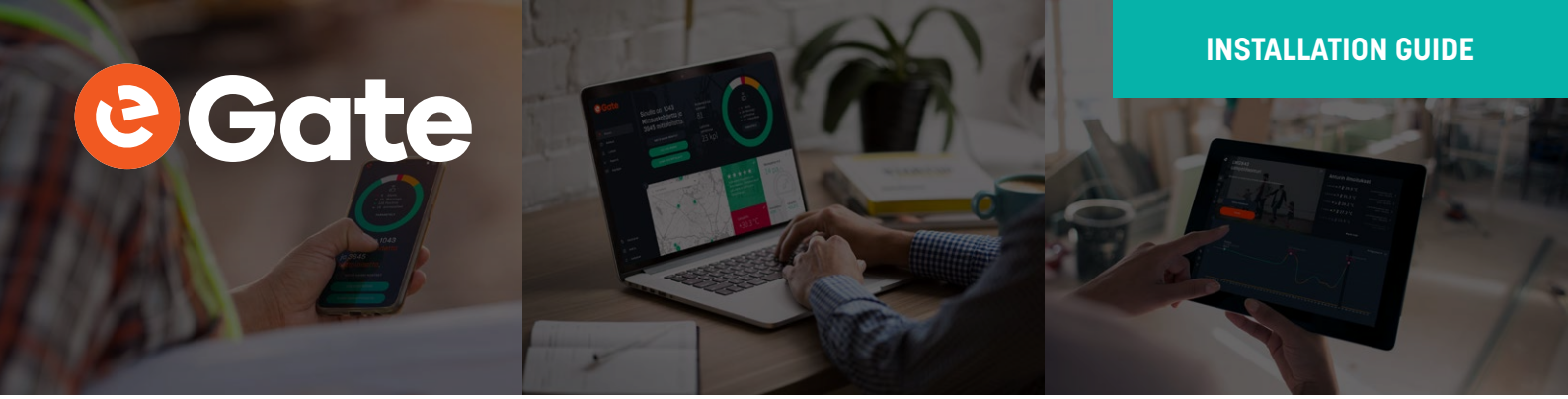
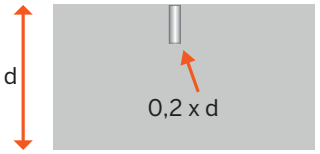
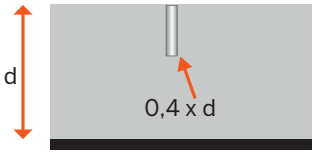


Installation of eGate NSens concrete RH & T sensor

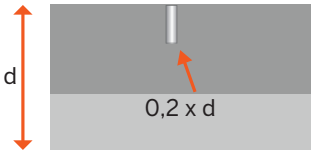
1. Drill a hole (ø 16 mm (5/8")) in the depth presented in the chart below using dry method. Maximum measuring depth 70 mm.



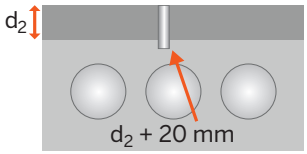
Intermediate floor structure (dries in two directions)



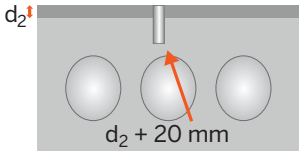
Connection slab or earth-banked floor (dries in one direction)



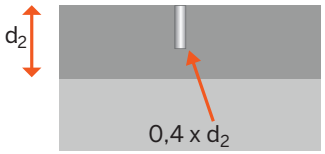
Shell slab structure



Hollow core slab + surface casting (d_2)



Hollow core slab + filler (d_2)

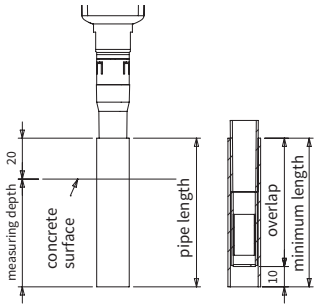


Cast-in-situ concrete toppings + post-casting (d_2)

2. The bore holes are carefully cleaned of drilling dust using a vacuum cleaner or compressed air.

3. A plastic hole liner is placed in the bore hole all the way to the bottom. The length of the conduit is measuring depth (max 70 mm) + 20 mm. The minimum length of the conduit can be determined by measuring how much the conduit and the sensor overlap and by adding 10 mm to this measurement. The conduit is cut to the larger measurement.

The sensor may not touch the bottom of the bore hole, but must remain at least 10 mm away from the bottom.



4. The seams of the conduit and the casting, as well as the sensor and the conduit are carefully sealed by a layer of Blu-Tack.

5. The base transceiver station is installed in a vertical position as close as possible to the transmitters in a place where it is as protected as possible from mechanical damages. The power supply of the base transceiver station is plugged in. Be sure to check the indicator lights that the case transceiver is on. If necessary, press the on/off switch. The GSM indicator light should light up steadily either yellow (2G) or green (3G). The SRV indicator light should finally light up steadily green.

6. Make sure in the eGate online service that the measurement data of the transmitters is transmitted. Sign up to the online service at **app.e-gate.io** and make sure that new measurement data is transmitted to the measuring channels corresponding with the transmitters. Please note that the transmitters send data every 15 minutes.

eGate Smart Building Innovation info@e-gate.io
www.e-gate.io