Maximal abgestrahlte Sendeleistung	
Maximum emitted transmission power	
Maximaal uitgestraald zendvermogen	
Puissance d'émission maximale du faisceau	
Potencia de transmisión radiada máxima	
Potência máxima de transmissão radiada	
Massima potenza di trasmissione irradiata	
Maksimalt udstrålet udgangseffekt	
Maximalt utstrålad sändningseffekt	
Maks. säteilyteho	+19dBm max (79mW)
Maksimaalne kiiratud saatevõimsus	
Maksimālā starojuma raidīšanas jauda	
Maksimali išspinduliuojama galia	
Maksymalna emitowana moc nadawcza	
Maximální vysílací výkon záření	
Maximálny vyžarovaný vysielaný výkon	
Maximális kisugárzott adóteljesítmény	
Največja izsevana oddajna moč	
Maksimalno emitirana snaga odašiljanja	
Максимално излъчена предавателна мощност	
Puterea de emisie maximă iradiată	
Μέγιστη ακτινοβολούμενη ισχύς εκπομπής	
최대 방사 송신 출력	
Maksimum yayılan gönderim gücü	

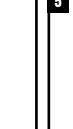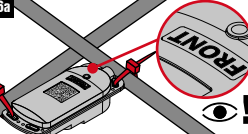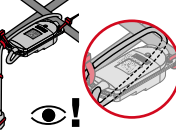| Frequenz	
Frequency	
Frequentie	
Fréquence	
Frecuencia	
Frequência	
Frequenza	
Frekvens	
Frekvens	
Taajuus	
Sagedus	
Frekvence	915 – 928 MHz
Dažnis	
Częstotliwość	
Frekvence	
Frekvencia	
Frekvencia	
Frekvenca	
Frekvencija	
Честота	
Frecvența	
Συχνότητα	
주파수	
Frekans	

HILTI

HCS T2

2350799-05.2023

STOP — Please contact Hilti before installation!
concretesensors@hilti.com
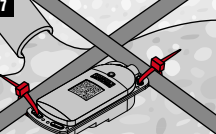
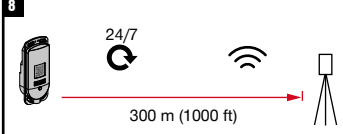|		📶			B side
HCS T2		x	x	x	
HCS T2-B3, B8, B15		x	x	x	x

Hilti Concrete Sensors

IOS / Android

max. 6"/15 cm

24/7

300 m (1000 ft)
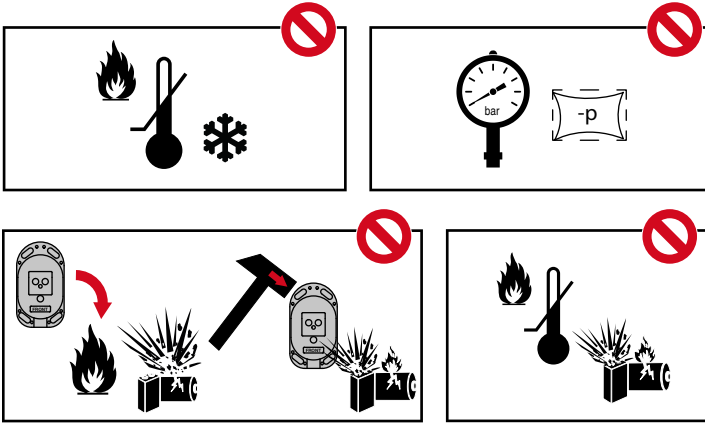
Step 1

Download Hilti Concrete Sensors app (available from iOS and Android)

Step 2

Remove sensors from their packaging, which you intend to install in your upcoming concrete pour.

Step 3

Activate sensors by exposing them to a bright light. If red indicator LED isn't blinking, try using a flashlight or direct sunlight.

Step 4

Follow in-app instructions to add a Project and respective concrete Pours. Including the Pour name and date. (Android: Use plus (+) sign to add)
Check pour area on floorplan and decide on intended sensor locations. Label surface of each sensor with its intended name. Clearly mark floorplan hardcopy to show each sensor name/location. (Optional: see in app instructions on how to add the floorplan and pin each sensor location).
Select Pour which the sensors are intended for. Select Add Sensor. (Android: Use plus (+) sign to add)

Step 5

Scan QR code, enter sensor name and Save.

Step 6a

Secure sensor to rebar or mesh at intersection for stability and fasten at minimum two points. IMPORTANT: Ensure QR code is facing upwards. Be careful not to step on sensors. Sensor can be no deeper than 6" from surface of concrete.

Step 6b

For sensors with cable and temperature probe ("B-side"), ensure the large end (radio transmitter) is near the concrete surface (max depth for transmitter is 6"). Ensure cable is looped (see image 9b) around rebar in such a way to avoid pull-out during concrete pour. Fasten temperature probe ("B-side") at intended monitoring point and secure cable to rebar.

Step 7

Pour Concrete.

Step 8

The data is automatically retrieved and updated from the gateway.
The gateway collects the data from all sensors connected to the gateway.

Step 9

Connect to sensors as often as needed to monitor progress. Sensors store all data onboard for life of battery (~2 years) and will also be stored in the mobile app once collected.