








A simple solution in 4 easy steps: concrete + concrete = Hilti HIT system.

1. Select the right Hilti HIT injectable adhesive mortar

	Structural applications	CE,  ,  ,  ,  <small>ETA-08/0202 ETA-08/0105</small>	Non-structural applications
Rebar diameter	8 – 40 mm dia.	8 – 25 mm dia.	8 – 16 mm dia.
Max. embedment depth	< 320 cm	< 200 cm	< 240 cm
Drilling method	Hammer drilling Diamond core drilling	Hammer drilling	Hammer drilling
Temperature of base material	- 5°C* + 40°C	- 10°C + 40°C	+ 5°C + 40°C
Working time	4 h 12 min	3 h 2 min	15 min 1 min
Conditions in the hole	Dry, water-saturated, water-filled, underwater application	Dry or water-saturated	Dry or water-saturated
HIT injectable mortar	Hilti HIT-RE 500 	Hilti HIT-HY 150 MAX 	Hilti HIT-MM 

* Reduced load values at base material temperatures of 5°C to -5°C are listed in the Hilti Anchor Fastening Technology Manual (FTM).

2. Select the right Hilti dispenser and cartridge size

Hilti dispenser				
	MD 2000	MD 2500	ED 3500-A	P 8000 D
	Manual		Cordless electric	Pneumatic
Cartridge size	330 ml	330 ml, 500 ml	330 ml, 500 ml	1400 ml

3. Order with a set of useful accessories

Proper hole cleaning and injection of the mortar without trapping air are decisive factors for compliance with approval requirements. Accordingly, Hilti supplies practical sets* that include dispensers and accessories needed to ensure dependable connections.

- Round steel brushes
- Extensions
- Piston plugs



*The items contained vary depending on the applicable set.

4. Drill for longer and more reliably - with Hilti combihammers and drill bits

Drill bit diameters
above 12 mm
TE-YX hammer drill bits



TE 70-ATC



TE 80-ATC



Drill bit diameters
up to 20 mm
TE-C3X hammer drill bits



TE 30-M-AVR



TE 40-AVR



Holes in the 12 – 35 mm diameter range can also be drilled using Hilti coring machines and diamond core bits.

Hilti. Outperform. Outlast.

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