

**AL** Hilti Albania Sh.p.k.  
Ruga Dritan Hoxha, Laprake  
AL-Tirane  
Tel +355 4241 3906  
Fax +355 4241 3909

**BA** Hilti Systems BH d.o.o.  
Dobrinjska 7, BA-71000,  
Sarajevo-lidža  
Tel +387 33 761 100  
Fax +387 33 761 101

**BG** Hilti (Bulgaria) Ltd.  
Mladost 4, Business Park Sofia,  
building 11A, floor 4  
BG-1786 Sofia  
Tel +359 2 974 01 23  
Fax +359 2 974 01 23

**GR** Hilti Hellas SA  
L. Kimis 132  
GR-151 23 Marousi, Athens  
Tel +30 210 288 0600  
Fax +30 210 288 0607

**HU** Hilti (Hungária)  
Szt. István krt. 17.  
H-6000 Kecskemét  
Tel +36 76 518 400  
Fax +36 76 481 638

**IL** Hilti (Israel) Ltd.  
6 Ravnitsky St. Ind. Zone Sgula  
P.O.Box 2650  
49125 Petach Tikva  
Tel +972 3930 4499  
Fax +972 3 930 2095

**RO** Hilti Romania S.R.L.  
Parcul Industrial Bucharest West,  
EQUEST LOGISTIC CENTRE  
Comuna Dragomiresti-Vale, Sat  
Dragomiresti-Deal  
Strada DE 287/1  
RO-077096 Judetul Ilfov  
Tel +40 21 352 3000  
Fax +40 21 350 5181

**RS** Hilti SMN d.o.o.  
Banatska 83C, 11080 Zemun  
Belgrade  
Tel +381 11 6556896  
Fax +381 11 6556896

# HILTI

## Hilti HIT-RE 10

Instruction for use **en**  
Használati útmutató **hu**  
Ръководство за обслужване **bg**  
Instrucțiuni de folosire **ro**  
Οδηγίες χρήσης **el**



580ml / 19.61 fl. oz  
900g / 31.71 oz

	en	hu	bg	ro	el
	Dry concrete	Száraz beton	Сух бетон	Beton uscat	Στεγνό σκυρόδεμα
	Water saturated concrete	Vízzel telített beton	Наситен с вода бетон	Beton saturat cu apă	Σκυρόδεμα κορεσμένο με νερό
	Uncracked concrete	Nem repedt beton	Ненапукан бетон	Beton nefisurat	Σκυρόδεμα χωρίς ρηγματώσεις
	Threaded rod	Menetes rúd Menetes hüvely	Щанга с резба Втулка с резба	Tijă filetată Manșon filetat	Βέργα με σπειρώμα Χιτώνιο με σπειρώμα
	Rebar	Betonvas	Арматура	Armătură metalică	Σίδερο οπλισμού
	Hammer drilling	Ütvefűrés	Ударно пробиване	Găuire cu percucie	Κρουστική διάτρηση
	Working time	Feldolgozhatósági idő	Време за обработване	Timpul de prelucrare	Χρόνος επεξεργασίας
	Initial curing time	Rögzítési szilárdság	Здравина при монтаж	Stabilitatea la montaj	Αντοχή τοποθέτησης
	Curing time	Kikeményedési idő	Време на втвърдяване	Timpul de întărire	Χρόνος εφαρμογής φορτίων

Ø	HIT-V	Rebar	HIT-RB	HIT-VL HIT-SZ	HIT-DL
d <sub>o</sub> [inch]	d <sub>o</sub> [mm]	d [inch]	d [mm]	d [inch]	d [mm]
7/16	10	3/8	8	8	7/16
1/2	12	–	10	#3	8/10
9/16	14	1/2	12	10M	10/12
5/8	16	–	–	#4	12
11/16	18	–	–	#4	14
3/4	20	5/8	–	15M #5	16
7/8	22	3/4	20	#6	18
1	25	7/8	–	20M #7	20
1 1/8	28	1	24	#8	22
–	30	–	–	–	24
1 1/4	32	–	–	25M	24/25
1 3/8	35	1 1/4	30	#9	26/28
1 1/2	37	–	–	30M #10	30
1 3/4	40	–	–	#11	32

HIT-DL: hef > 10" / 250mm HIT-RB: hef > 20 x d

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HIT-RE-M Art. No.	HDE 500-A HDM 500	HIT-OHW Art. No.	HIT-OHC
337111		387550	387551 ≤ 20mm / 3/4" 387552 > 20mm / 3/4"

Ø	hef	Art. No.	
d <sub>o</sub> [inch]	d <sub>o</sub> [mm]	[inch]	[mm]
7/16...1 1/8	10...30	23/8...19 1/16	60...500
1 1/4...1 3/4	32...40	4 1/2...19 1/16	100...500
			≥ 90 psi/6 bar @ 6 m³/h
			≥ 140 m³/h / ≥ 82CFM

	[°F]	[°C]	t <sub>work</sub>	t <sub>cure, ini</sub>	t <sub>cure, full</sub>
	41...50	5...10	5 h	30 h	72 h
	>50...68	>10...15	2.5 h	20 h	48 h
	>59...68	>15...20	2 h	15 h	36 h
	>68...86	>20...30	60 min	10 h	24 h
	>86...104	>30...40	30 min	5 h	12 h

≥ +10 °C / 50 °F

= 2x t<sub>cure</sub>

HIT-V			
d [mm]	hef [mm]	df [mm]	T <sub>max</sub> [mm]
8	60...160	9	10
10	60...200	12	20
12	70...240	14	40
–	–	–	–
16	80...320	18	80
20	90...400	22	150
24	96...480	26	200
27	108...500	30	270
30	120...500	33	300

Rebar	
d [mm]	hef [mm]
8	60...160
10	60...200
12	70...240
–	–
14	75...280
16	80...320
20	90...400
25	100...500
28	112...500
32	128...500



