

## Injectable mortar Hilti HIT-HY 200-A



## Base materials

- Concrete (cracked)
- Concrete (non-cracked)

## Applications

- Anchoring structural steel connections (e.g. steel columns, beams)
- Anchoring secondary steel structures (e.g. staircases, steel ledgers)
- Anchoring railings / safety barriers
- Structural connections with post-installed rebars
- Structural renovation / upgrades with post-installed rebars
- Substitution of misplaced / missing rebars

## Advantages

- No hole cleaning required with the revolutionary new Hilti HIT-Z anchor rod
- Automatic hole cleaning with TE-CD and TE-YD drill bits in combination with Hilti vacuum cleaners
- Highest approved loads according to latest international standards
- Curing time optimized for anchor applications
- Works like cast-in with post-installed rebars
- Suitable for cracked and non-cracked concrete with all anchor rods and rebar

## Technical data

<b>Anchoring elements</b>	HIS-N internally threaded inserts, HIT-V threaded rods, HIT-Z torque controlled bonded anchors, Rebar
<b>Base material condition</b>	Dry, Wet
<b>Cleaning procedures</b>	Auto cleaning with Hilti Hollow Drill Bit, Compressed-air cleaning, Manual cleaning, No cleaning required with Hilti HIT-Z rod
<b>Environmental conditions</b>	Highly corrosive special applications, Indoor, damp conditions, Indoor, dry conditions, Indoor, ventilated façade, Outdoor
<b>Approvals / Test reports</b>	ETA, Fire
<b>PROFIS</b>	Yes



## Approvals

ETA	ETA 11-0492
	ETA 11-0493
	ETA 12-0006

Approvals and test reports may apply to selected products only. Please refer to the documents for details.



SAFE set



## Hilti HIT-HY 200-A with HIT-V-... (5.8)

Recommended loads in 25 N/mm <sup>2</sup> concrete		M8	M10	M12	M16	M20	M24	M27	M30	
<b>Anchor size</b>	<b>Effective embedment</b>	mm	80	90	110	125	170	210	240	270
Non-cracked concrete										
Tensile	kN	8.6	13.8	20.0	28.0	44.4	61.0	74.5	88.9	
Shear	kN	5.1	8.6	12.0	22.3	34.9	50.3	65.7	80.0	
Cracked concrete										
Tensile	kN	4.8	6.7	13.2	19.9	31.7	43.5	53.1	63.4	
Shear	kN	5.1	8.6	12.0	22.3	34.9	50.3	65.7	80.0	

## Hilti HIT-HY 200-A with HIT-Z

Recommended loads in 25 N/mm <sup>2</sup> concrete		M8	M10	M12	M16	M20	
<b>Anchor size</b>	<b>Effective embedment</b>	mm	70	90	110	145	180
Non-cracked concrete							
Tensile	kN	11.4	18.1	25.9	42.0	58.1	
Shear	kN	6.9	10.9	15.4	27.4	41.7	
Cracked concrete							
Tensile	kN	10.0	14.6	19.8	29.9	41.4	
Shear	kN	6.9	10.9	15.4	27.4	41.7	

Data shown is correct at the time of writing, obtained from tests under laboratory controlled conditions (no edge distance or spacing influence, and concrete strength as specified). Users must use the data in light of site conditions, taking account of intended use. Hilti provides information but responsibility for product selection/applications lies with the customer.

Order description	Content per can/cartridge	Package contents	Sales pack quantity	Item number
HIT-HY 200-A 330/1/P	330 ml	1x Foil pack, 1x Mixer, 1x Mixer extension	20	2047404
HIT-HY 200-A 330/2	330 ml	1x Foil pack, 2x Mixer, 1x Mixer extension	1	2022696
HIT-HY 200-A 500/1/P	500 ml	1x Foil pack, 1x Mixer, 1x Mixer extension	20	2047405
HIT-HY 200-A 500/2	500 ml	1x Foil pack, 2x Mixer, 1x Mixer extension	1	2022697